



# INTERPUMP GROUP

**GENERAL CATALOGUE  
CATALOGUE GÉNÉRAL  
ALLGEMEINER KATALOG  
CATALOGO GENERAL  
CATALOGO GENERALE**





**W**ater, together with air and earth is the element which probably appears the most natural to us, the one we think we know the best. But this is not so! The power, the magical energy contained in this natural element is amazing, and to know it and to be able to use it for the benefit of everybody, man must work with science and passion. Interpump is a Company which lives and works with water, a world-wide leader Company.

INTERPUMP: A CLEAN WORLD!

**L**'eau, avec l'air et la terre, est peut-être l'élément qui nous paraît le plus naturel, celui que nous croyons le mieux connaître. Mais il n'en est rien! La force, l'énergie magique contenue dans cet élément naturel, est stupéfiante, et pour la connaître et pouvoir l'utiliser pour le profit de tout le monde, l'homme doit travailler avec science et passion.

Interpump est une société d'hommes et de techniciens qui vivent et travaillent avec l'eau, une société qui est protagoniste dans les marchés du monde entier.

INTERPUMP: UN MONDE PROPRE!

**W**asser ist ebenso wie Luft und Erde das natürlichste Element für den Menschen, das er am besten kennen sollte. Dies ist nicht so! Die Kraft und die magische Energie in diesem natürlichen Element ist überraschend. Um dies zu erkennen und es für den Nutzen der

Menschheit zu entwickeln, ist begeisterter wissenschaftlicher Einsatz gefragt.

Interpump ist eine Firma, die mit Wasser lebt und arbeitet, eine weltweit führende Gesellschaft.

INTERPUMP: EINE SAUBERE WELT!

**E**l agua, junto con el aire y la tierra, es ciertamente el elemento que aparece como mas natural y que creemos conocer mejor. Pero en realidad no es así! La fuerza, la energia mágica contenida en este elemento natural es sorprendente y para conocerla

y poder utilizarla en beneficio de todos, el hombre tiene que trabajar con sabiduría y con pasión.

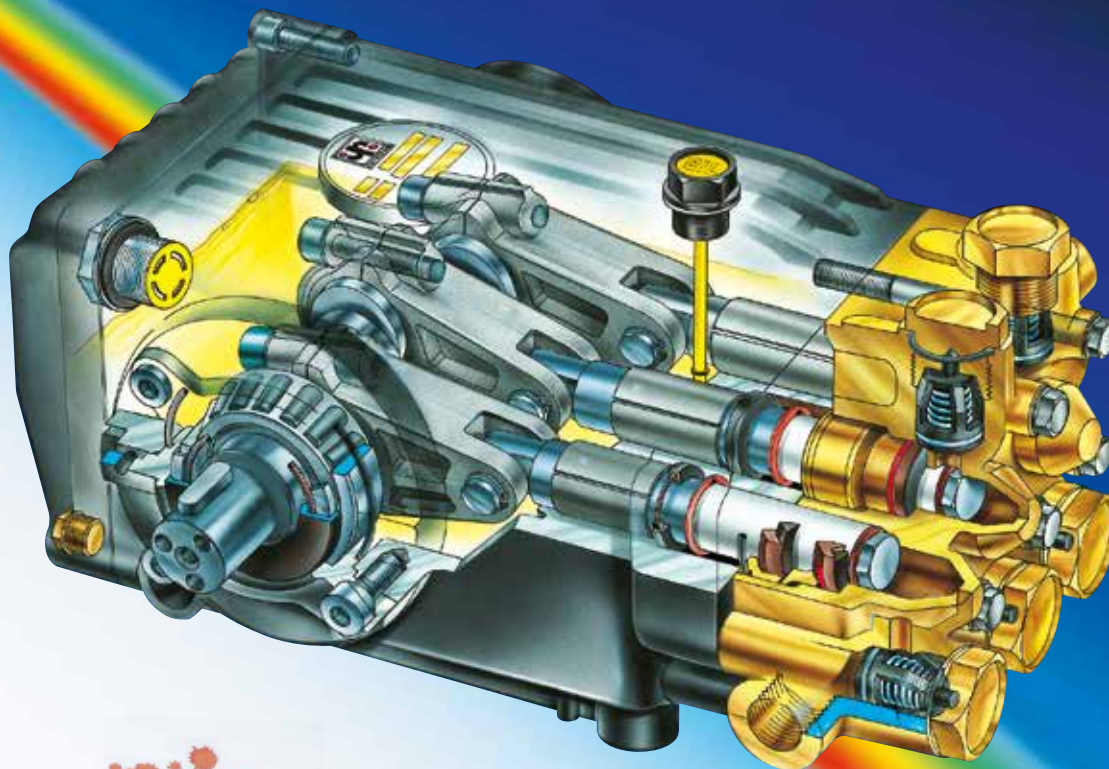
Interpump es una Sociedad de hombres que viven y trabajan con el agua, una sociedad protagonista en los mercados de todo el mundo.

INTERPUMP: UN MUNDO LIMPIO!

**L**'acqua, insieme con l'aria e la terra, è forse l'elemento che ci appare come il più naturale, quello che crediamo di conoscere meglio. Ma non è così! La forza, l'energia magica contenuta in questo elemento naturale è sbalorditiva e per conoscerla e poterla utilizzare a beneficio di tutti, l'uomo deve lavorare con scienza e con passione.

Interpump è una società di uomini e di tecnici che vivono e lavorano con l'acqua, una società protagonista sui mercati di tutto il mondo.

INTERPUMP: UN MONDO PULITO!



#### INTERPUMP

**I**s today the world's largest manufacturer of high pressure pumps for cleaning. The high level of technologies, the sophisticated automated manufacturing processes, the exceptional standards of quality, the systematic research and development, and the design, all harmonize into a product universally acknowledged as a technological masterpiece. A product of our time which is already legend.

#### INTERPUMP

**E**st aujourd'hui le plus grand constructeur mondial de pompes haute pression pour le lavage. Le niveau des technologies utilisées, les processus sophistiqués d'automatisation, les hauts standards de qualité, la recherche et l'expérimentation systématiques, le design, s'harmonisent dans un produit universellement considéré comme un chef d'oeuvre technologique, un produit de notre temps, qui est déjà une légende.

#### INTERPUMP

**I**st heute der größte Hersteller von Hochdruckpumpen für die Reinigung. Der hohe Technologiestandard, ausgeklügelte Automationsprozesse, programmierte Forschung und Entwicklung wie auch das Design harmonieren in einem Produkt, das weltweit bereits als technisches Meisterwerk anerkannt ist, ein Produkt unserer Zeit, das bereits zur Legende geworden ist.

#### INTERPUMP

**E**s hoy el mas grande constructor mundial de bombas de alta presión para el lavado. El nivel de la tecnología empleada, los sofisticados procesos de automatización, el alto standard de calidad, la investigación y experimentación sistemática, junto con el diseño, se armonizan en un producto considerado universalmente como una obra maestra tecnológica, un producto de nuestro tiempo que es ya una leyenda.

#### INTERPUMP

**É** oggi il più grande costruttore mondiale di pompe ad alta pressione per il lavaggio. Il livello delle tecnologie impiegate, i sofisticati processi di automazione, gli alti standard di qualità, la ricerca e la sperimentazione sistematica, il design, si armonizzano in un prodotto universalmente considerato un capolavoro tecnologico, un prodotto del nostro tempo che è già leggenda.

# INTERPUMP GROUP



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## 51 series

Up to 13 l/m  
150 bar

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## 53 series

Up to 14 l/m  
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## 44 series

Up to 15,9 l/m  
250 bar

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## 58 series

Up to 16 l/m  
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## 59 series

Up to 21 l/m  
275 bar

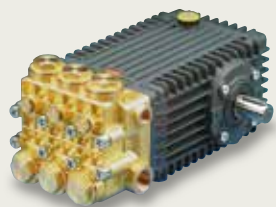
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## 47 series

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## 64 series

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## 70 series

Up to 142 l/m  
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## 71 series

Up to 150 l/m  
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PUMP CHART ORDERED BY **MODEL**

TABELLE DES POMPES ORDONNEES PAR **MODELE**

PUMPENTABELLE NACH **MODELL** ANGEORDNET

TABLA DE BOMBAS EN ORDEN DE **MODELO**

TABELLA POMPE IN ORDINE DI **MODELLO**



| MOD.  | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Pag. |
|-------|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|------|
|       | l/min                                                     | G.P.M.<br>(U.S.A.) | g/min                                | bar                                                   | MPa | p.s.i. |      |
|       |                                                           |                    |                                      |                                                       |     |        |      |
| W4    | 42                                                        | 11.1               | 600                                  | 50                                                    | 5   | 725    | 40   |
| WK6   | 62                                                        | 16.4               | 1000                                 | 100                                                   | 10  | 1450   | 44   |
| WK8   | 80                                                        | 21.1               | 1000                                 | 100                                                   | 10  | 1450   | 44   |
| WK12  | 120                                                       | 31.7               | 1000                                 | 120                                                   | 12  | 1740   | 45   |
| WK15  | 150                                                       | 39.6               | 1000                                 | 120                                                   | 12  | 1740   | 45   |
| WW55  | 8                                                         | 2.11               | 2800                                 | 50                                                    | 5   | 725    | 11   |
| WW56  | 11                                                        | 2.9                | 2800                                 | 50                                                    | 5   | 725    | 11   |
| WW74  | 8                                                         | 2.11               | 2800                                 | 70                                                    | 7   | 1015   | 11   |
| WW75  | 11                                                        | 2.9                | 2800                                 | 70                                                    | 7   | 1015   | 11   |
| AB80  | 75                                                        | 19.8               | 550                                  | 60                                                    | 6   | 870    | 41   |
| WW90  | 8                                                         | 2.11               | 2800                                 | 90                                                    | 9   | 1300   | 11   |
| AB90  | 90                                                        | 23.8               | 650                                  | 60                                                    | 6   | 870    | 41   |
| WW93  | 11                                                        | 2.9                | 2800                                 | 90                                                    | 9   | 1300   | 11   |
| WW94  | 13                                                        | 3.43               | 2800                                 | 90                                                    | 9   | 1300   | 11   |
| WW95  | 9,5                                                       | 2.5                | 2800                                 | 100                                                   | 10  | 1450   | 11   |
| W97   | 14                                                        | 3.69               | 1450                                 | 90                                                    | 9   | 1300   | 23   |
| AB100 | 100                                                       | 26.4               | 550                                  | 60                                                    | 6   | 870    | 41   |
| WS104 | 30                                                        | 7.92               | 1450                                 | 100                                                   | 10  | 1450   | 40   |
| AB110 | 110                                                       | 29.1               | 650                                  | 60                                                    | 6   | 870    | 41   |
| W112  | 12                                                        | 3.17               | 1450                                 | 100                                                   | 10  | 1450   | 23   |
| WW116 | 15                                                        | 3.96               | 2800                                 | 110                                                   | 11  | 1600   | 23   |
| AB120 | 120                                                       | 31.7               | 550                                  | 60                                                    | 6   | 870    | 41   |
| W124  | 14                                                        | 3.69               | 1450                                 | 120                                                   | 12  | 1750   | 23   |
| W130  | 9,5                                                       | 2.5                | 1450                                 | 130                                                   | 13  | 1885   | 23   |
| W131  | 15                                                        | 3.96               | 1000                                 | 130                                                   | 13  | 1885   | 34   |
| WS131 | 15                                                        | 3.96               | 1450                                 | 130                                                   | 13  | 1885   | 34   |
| W132  | 18                                                        | 4.75               | 1000                                 | 130                                                   | 13  | 1885   | 34   |
| WS132 | 18,7                                                      | 4.94               | 1450                                 | 120                                                   | 12  | 1750   | 34   |
| WS133 | 13                                                        | 3.43               | 1450                                 | 120                                                   | 12  | 1750   | 34   |
| WW136 | 17                                                        | 4.5                | 2800                                 | 130                                                   | 13  | 1885   | 23   |
| W140  | 12                                                        | 3.17               | 1450                                 | 140                                                   | 14  | 2030   | 23   |
| AB140 | 140                                                       | 37.0               | 650                                  | 60                                                    | 6   | 870    | 41   |
| W150  | 8                                                         | 2.11               | 1450                                 | 150                                                   | 15  | 2175   | 23   |
| AB150 | 150                                                       | 39.6               | 550                                  | 60                                                    | 6   | 870    | 41   |
| W151  | 15                                                        | 3.96               | 1000                                 | 150                                                   | 15  | 2175   | 34   |
| WS151 | 15                                                        | 3.96               | 1450                                 | 150                                                   | 15  | 2175   | 34   |

| MOD.  | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |      |        | Pag. |
|-------|-----------------------------------------------------------|--------------------|-----------------------------------------------|-------------------------------------------------------|------|--------|------|
|       | l/min                                                     | G.P.M.<br>(U.S.A.) |                                               | bar                                                   | MPa  | p.s.i. |      |
|       |                                                           |                    |                                               |                                                       |      |        |      |
| WS152 | 21                                                        | 5.55               | 1450                                          | 150                                                   | 15   | 2175   | 35   |
| WS153 | 30                                                        | 7.92               | 1450                                          | 150                                                   | 15   | 2175   | 40   |
| W154  | 14                                                        | 3.69               | 1450                                          | 150                                                   | 15   | 2175   | 23   |
| WK155 | 55                                                        | 14.5               | 1000                                          | 150                                                   | 15   | 2175   | 44   |
| WW156 | 15                                                        | 3.96               | 2800                                          | 150                                                   | 15   | 2175   | 23   |
| WK159 | 106                                                       | 28                 | 1000                                          | 150                                                   | 15   | 2175   | 45   |
| W162  | 18                                                        | 4.75               | 1000                                          | 160                                                   | 16   | 2320   | 35   |
| WS162 | 18                                                        | 4.75               | 1450                                          | 160                                                   | 16   | 2320   | 35   |
| W170  | 9,5                                                       | 2.5                | 1450                                          | 170                                                   | 17   | 2465   | 23   |
| WS171 | 13                                                        | 3.43               | 1450                                          | 170                                                   | 17   | 2465   | 34   |
| WW176 | 17                                                        | 4.5                | 2800                                          | 170                                                   | 17   | 2465   | 23   |
| AB180 | 180                                                       | 47.6               | 650                                           | 60                                                    | 6    | 870    | 41   |
| WW186 | 13                                                        | 3.43               | 2800                                          | 180                                                   | 18   | 2610   | 23   |
| WW189 | 16                                                        | 4.22               | 2800                                          | 180                                                   | 18   | 2610   | 23   |
| W200  | 12                                                        | 3.17               | 1450                                          | 200                                                   | 20   | 2900   | 23   |
| W201  | 15                                                        | 3.96               | 1000                                          | 200                                                   | 20   | 2900   | 35   |
| WS201 | 15                                                        | 3.96               | 1450                                          | 200                                                   | 20   | 2900   | 35   |
| WS202 | 21                                                        | 5.55               | 1450                                          | 200                                                   | 20   | 2900   | 35   |
| W204  | 14                                                        | 3.69               | 1450                                          | 200                                                   | 20   | 2900   | 23   |
| WW206 | 13                                                        | 3.43               | 2800                                          | 200                                                   | 20   | 2900   | 23   |
| WW209 | 15                                                        | 3.96               | 2800                                          | 200                                                   | 20   | 2900   | 23   |
| WS251 | 15                                                        | 3.96               | 1450                                          | 250                                                   | 25   | 3625   | 36   |
| WS252 | 21                                                        | 5.55               | 1450                                          | 250                                                   | 25   | 3625   | 36   |
| WK355 | 57                                                        | 15                 | 1000                                          | 350                                                   | 35   | 5075   | 45   |
| WK525 | 22                                                        | 5.8                | 1450                                          | 500                                                   | 50   | 7250   | 44   |
| WK531 | 30                                                        | 7.92               | 1450                                          | 500                                                   | 50   | 7250   | 44   |
| W827  | 68                                                        | 18                 | 1000                                          | 82                                                    | 8,2  | 1200   | 40   |
| W905  | 8                                                         | 2.11               | 1750                                          | 70                                                    | 7    | 1015   | 12   |
| WW906 | 8                                                         | 2.11               | 3400                                          | 70                                                    | 7    | 1015   | 12   |
| WW907 | 10                                                        | 2.8                | 3400                                          | 55                                                    | 5,5  | 800    | 12   |
| WW909 | 13                                                        | 3.43               | 3400                                          | 100                                                   | 10   | 1450   | 12   |
| W913  | 15                                                        | 3.96               | 1750                                          | 130                                                   | 13   | 1885   | 34   |
| W914  | 21                                                        | 5.55               | 1750                                          | 100                                                   | 10   | 1450   | 34   |
| W916  | 18                                                        | 4.75               | 1750                                          | 160                                                   | 16   | 2320   | 35   |
| W921  | 15                                                        | 3.96               | 1750                                          | 200                                                   | 20   | 2900   | 35   |
| W922  | 21                                                        | 5.55               | 1750                                          | 200                                                   | 20   | 2900   | 35   |
| W928  | 15                                                        | 3.96               | 1750                                          | 275                                                   | 27,5 | 4000   | 36   |
| W950  | 9,5                                                       | 2.5                | 1750                                          | 165                                                   | 16,5 | 2400   | 23   |
| W951  | 11,5                                                      | 3.04               | 1750                                          | 103                                                   | 10,3 | 1500   | 23   |
| W952  | 11,5                                                      | 3.04               | 1750                                          | 138                                                   | 13,8 | 2000   | 23   |
| W953  | 11,5                                                      | 3.04               | 1750                                          | 172                                                   | 17,2 | 2500   | 23   |
| W954  | 13,6                                                      | 3.6                | 1750                                          | 90                                                    | 9    | 1300   | 23   |
| W955  | 13,6                                                      | 3.6                | 1750                                          | 117                                                   | 11,7 | 1750   | 23   |
| W956  | 13,6                                                      | 3.6                | 1750                                          | 145                                                   | 14,5 | 2100   | 23   |
| W957  | 15,9                                                      | 4.2                | 1750                                          | 76                                                    | 7,6  | 1100   | 23   |
| W958  | 15,9                                                      | 4.2                | 1750                                          | 96                                                    | 9,6  | 1400   | 23   |
| W959  | 15,9                                                      | 4.2                | 1750                                          | 124                                                   | 12,4 | 1800   | 23   |
| WW960 | 13,2                                                      | 3.48               | 3400                                          | 172                                                   | 17,2 | 2500   | 23   |
| WW961 | 15                                                        | 3.96               | 3400                                          | 172                                                   | 17,2 | 2500   | 23   |
| WW962 | 17,4                                                      | 4.6                | 3400                                          | 172                                                   | 17,2 | 2500   | 23   |
| WW966 | 11                                                        | 2.9                | 3400                                          | 250                                                   | 25   | 3625   | 23   |

| MOD.     | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |      |      | Pag. |        |
|----------|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|------|------|------|--------|
|          | l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | g/min                                                 | bar  | MPa  |      | p.s.i. |
|          |                                                           |                    |                                      |                                                       |      |      |      |        |
| WW967    | 13                                                        | 3.43               | 3400                                 | 250                                                   | 25   | 3625 | 23   |        |
| WW968    | 15                                                        | 3.96               | 3400                                 | 250                                                   | 25   | 3625 | 23   |        |
| E3B1021  | 21                                                        | 5.55               | 1450                                 | 100                                                   | 10   | 1450 | 31   |        |
| E3C1021  | 21                                                        | 5.55               | 1750                                 | 100                                                   | 10   | 1450 | 31   |        |
| WS1036   | 36                                                        | 9.51               | 1450                                 | 100                                                   | 10   | 1450 | 37   |        |
| WS1040   | 40                                                        | 10.56              | 1450                                 | 100                                                   | 10   | 1450 | 37   |        |
| TS1044   | 44                                                        | 11.62              | 1750                                 | 100                                                   | 10   | 1450 | 37   |        |
| TS1050   | 50                                                        | 13.21              | 1750                                 | 100                                                   | 10   | 1450 | 37   |        |
| W1208    | 8                                                         | 2.11               | 1450                                 | 120                                                   | 12   | 1750 | 11   |        |
| T1209    | 9                                                         | 2.38               | 1750                                 | 120                                                   | 12   | 1750 | 11   |        |
| W1210    | 10                                                        | 2.64               | 1450                                 | 120                                                   | 12   | 1750 | 11   |        |
| T1212    | 12                                                        | 3.17               | 1750                                 | 120                                                   | 12   | 1750 | 11   |        |
| E3B1218  | 18                                                        | 4.76               | 1450                                 | 120                                                   | 12   | 1750 | 31   |        |
| E3C1218  | 18                                                        | 4.76               | 1750                                 | 120                                                   | 12   | 1750 | 31   |        |
| E4B1294  | 94                                                        | 24.83              | 1450                                 | 120                                                   | 12   | 1740 | 42   |        |
| E4B1381  | 81                                                        | 21.40              | 1450                                 | 130                                                   | 13   | 1885 | 42   |        |
| W1507    | 7                                                         | 1.85               | 1450                                 | 150                                                   | 15   | 2175 | 11   |        |
| T1508    | 8                                                         | 2.11               | 1750                                 | 150                                                   | 15   | 2175 | 11   |        |
| TT1508   | 8                                                         | 2.11               | 3400                                 | 150                                                   | 15   | 2175 | 11   |        |
| WW1508   | 8                                                         | 2.11               | 2800                                 | 150                                                   | 15   | 2175 | 11   |        |
| WW1509   | 9                                                         | 2.38               | 2800                                 | 150                                                   | 15   | 2175 | 11   |        |
| TT1510   | 10                                                        | 2.64               | 3400                                 | 150                                                   | 15   | 2175 | 11   |        |
| WW1510   | 10                                                        | 2.64               | 2800                                 | 150                                                   | 15   | 2175 | 11   |        |
| TT1511   | 11                                                        | 2.9                | 3400                                 | 150                                                   | 15   | 2175 | 11   |        |
| WW1511   | 11                                                        | 2.9                | 2800                                 | 150                                                   | 15   | 2175 | 11   |        |
| TT1512   | 12                                                        | 3.17               | 3400                                 | 150                                                   | 15   | 2175 | 11   |        |
| TT1513   | 13                                                        | 3.43               | 3400                                 | 150                                                   | 15   | 2175 | 11   |        |
| WW1513   | 13                                                        | 3.43               | 2800                                 | 150                                                   | 15   | 2175 | 11   |        |
| E3A1515  | 14,5                                                      | 3.83               | 1000                                 | 150                                                   | 15   | 2175 | 31   |        |
| E3B1515  | 15                                                        | 3.96               | 1450                                 | 150                                                   | 15   | 2175 | 31   |        |
| E3C1515  | 15                                                        | 3.96               | 1750                                 | 150                                                   | 15   | 2175 | 31   |        |
| W1550    | 50                                                        | 13.21              | 1450                                 | 150                                                   | 15   | 2180 | 38   |        |
| W1755    | 55                                                        | 14.5               | 1450                                 | 172                                                   | 17,2 | 2500 | 38   |        |
| W1570    | 70                                                        | 18.5               | 1450                                 | 150                                                   | 15   | 2180 | 38   |        |
| E4B1575  | 75                                                        | 19.82              | 1450                                 | 150                                                   | 15   | 2175 | 42   |        |
| E1C1609  | 9                                                         | 2.38               | 1750                                 | 160                                                   | 16   | 2320 | 15   |        |
| ET1C1609 | 9                                                         | 2.38               | 1750                                 | 160                                                   | 16   | 2320 | 19   |        |
| E1B1611  | 11                                                        | 2.91               | 1450                                 | 160                                                   | 16   | 2320 | 15   |        |
| ET1B1611 | 11                                                        | 2.91               | 1450                                 | 160                                                   | 16   | 2320 | 19   |        |
| E1B1612  | 12                                                        | 3.17               | 1450                                 | 160                                                   | 16   | 2320 | 15   |        |
| ET1B1612 | 12                                                        | 3.17               | 1450                                 | 160                                                   | 16   | 2320 | 19   |        |
| E1C1612  | 12                                                        | 3.17               | 1750                                 | 160                                                   | 16   | 2320 | 15   |        |
| ET1C1612 | 12                                                        | 3.17               | 1750                                 | 160                                                   | 16   | 2320 | 19   |        |
| E1B1613  | 13                                                        | 3.43               | 1450                                 | 160                                                   | 16   | 2320 | 15   |        |
| ET1B1613 | 13                                                        | 3.43               | 1450                                 | 160                                                   | 16   | 2320 | 19   |        |
| E1C1613  | 13                                                        | 3.43               | 1750                                 | 160                                                   | 16   | 2320 | 15   |        |
| ET1C1613 | 13                                                        | 3.43               | 1750                                 | 160                                                   | 16   | 2320 | 19   |        |
| E1B1614  | 14                                                        | 3.70               | 1450                                 | 160                                                   | 16   | 2320 | 15   |        |
| ET1C1614 | 14                                                        | 3.70               | 1450                                 | 160                                                   | 16   | 2320 | 19   |        |
| E1C1614  | 14                                                        | 3.70               | 1750                                 | 160                                                   | 16   | 2320 | 15   |        |
| ET1C1614 | 14                                                        | 3.70               | 1750                                 | 160                                                   | 16   | 2320 | 19   |        |
| WS1625   | 25                                                        | 6.60               | 1450                                 | 160                                                   | 16   | 2320 | 37   |        |
| TS1630   | 30                                                        | 7.92               | 1750                                 | 160                                                   | 16   | 2320 | 37   |        |
| WS1630   | 30                                                        | 7.92               | 1450                                 | 160                                                   | 16   | 2320 | 37   |        |
| TS1636   | 36                                                        | 9.51               | 1750                                 | 160                                                   | 16   | 2320 | 37   |        |

| MOD.     | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Pag. |
|----------|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|------|
|          | l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | MPa | p.s.i. |      |
| E2B1711  | 11                                                        | 2.90               | 1450                                 | 170                                                   | 17  | 2465   | 27   |
| E2B1712  | 12                                                        | 3.17               | 1450                                 | 170                                                   | 17  | 2465   | 27   |
| E2B1713  | 13                                                        | 3.43               | 1450                                 | 170                                                   | 17  | 2465   | 27   |
| E2C1713  | 13                                                        | 3.43               | 1750                                 | 170                                                   | 17  | 2465   | 27   |
| E3A1713  | 13                                                        | 3.43               | 1000                                 | 170                                                   | 17  | 2465   | 31   |
| E3B1713  | 13                                                        | 3.43               | 1450                                 | 170                                                   | 17  | 2465   | 31   |
| E3C1713  | 13                                                        | 3.43               | 1750                                 | 170                                                   | 17  | 2465   | 31   |
| E2C1714  | 14                                                        | 3.69               | 1750                                 | 170                                                   | 17  | 2465   | 27   |
| E2C1715  | 15                                                        | 3.96               | 1750                                 | 170                                                   | 17  | 2465   | 27   |
| T1750    | 50                                                        | 13.20              | 1750                                 | 172                                                   | 172 | 2500   | 38   |
| E1B1807  | 7                                                         | 1.85               | 1450                                 | 180                                                   | 18  | 2610   | 15   |
| ET1B1807 | 7                                                         | 1.85               | 1450                                 | 180                                                   | 18  | 2610   | 19   |
| E1D 1807 | 7                                                         | 1.85               | 2800                                 | 180                                                   | 18  | 2610   | 15   |
| ET1D1807 | 7                                                         | 1.85               | 2800                                 | 180                                                   | 18  | 2610   | 19   |
| E1B1808  | 8                                                         | 2.11               | 1450                                 | 180                                                   | 18  | 2610   | 15   |
| ET1B1808 | 8                                                         | 2.11               | 1450                                 | 180                                                   | 18  | 2610   | 19   |
| E1C1808  | 8                                                         | 2.11               | 1750                                 | 180                                                   | 18  | 2610   | 15   |
| ET1C1808 | 8                                                         | 2.11               | 1750                                 | 180                                                   | 18  | 2610   | 19   |
| E1D1808  | 8                                                         | 2.11               | 2800                                 | 180                                                   | 18  | 2610   | 15   |
| ET1D1808 | 8                                                         | 2.11               | 2800                                 | 180                                                   | 18  | 2610   | 19   |
| E1E1808  | 8                                                         | 2.11               | 3400                                 | 180                                                   | 18  | 2610   | 15   |
| ET1E1808 | 8                                                         | 2.11               | 3400                                 | 180                                                   | 18  | 2610   | 19   |
| E1B1809  | 9                                                         | 2.38               | 1450                                 | 180                                                   | 18  | 2610   | 15   |
| ET1B1809 | 9                                                         | 2.38               | 1450                                 | 180                                                   | 18  | 2610   | 19   |
| E1B1810  | 10                                                        | 2.64               | 1450                                 | 180                                                   | 18  | 2610   | 15   |
| ET1B1810 | 10                                                        | 2.64               | 1450                                 | 180                                                   | 18  | 2610   | 19   |
| E1C1810  | 10                                                        | 2.64               | 1750                                 | 180                                                   | 18  | 2610   | 15   |
| ET1C1810 | 10                                                        | 2.64               | 1750                                 | 180                                                   | 18  | 2610   | 19   |
| E1D1810  | 10                                                        | 2.64               | 2800                                 | 180                                                   | 18  | 2610   | 15   |
| ET1D1810 | 10                                                        | 2.64               | 2800                                 | 180                                                   | 18  | 2610   | 19   |
| E1E1810  | 10                                                        | 2.64               | 3400                                 | 180                                                   | 18  | 2610   | 15   |
| ET1E1810 | 10                                                        | 2.64               | 3400                                 | 180                                                   | 18  | 2610   | 19   |
| E1C1811  | 11                                                        | 2.91               | 1750                                 | 180                                                   | 18  | 2610   | 15   |
| ET1C1811 | 11                                                        | 2.91               | 1750                                 | 180                                                   | 18  | 2610   | 19   |
| E1D1811  | 11                                                        | 2.91               | 2800                                 | 180                                                   | 18  | 2610   | 15   |
| ET1D1811 | 11                                                        | 2.91               | 2800                                 | 180                                                   | 18  | 2610   | 19   |
| E1E1812  | 12                                                        | 3.17               | 3400                                 | 180                                                   | 18  | 2610   | 15   |
| ET1E1812 | 12                                                        | 3.17               | 3400                                 | 180                                                   | 18  | 2610   | 19   |
| E1D1813  | 13                                                        | 3.43               | 2800                                 | 180                                                   | 18  | 2610   | 15   |
| ET1D1813 | 13                                                        | 3.43               | 2800                                 | 180                                                   | 18  | 2610   | 19   |
| E1E1813  | 13                                                        | 3.43               | 3400                                 | 180                                                   | 18  | 2610   | 15   |
| ET1E1813 | 13                                                        | 3.43               | 3400                                 | 180                                                   | 18  | 2610   | 19   |
| E1D1814  | 14                                                        | 3.70               | 2800                                 | 180                                                   | 18  | 2610   | 15   |
| ET1D1814 | 14                                                        | 3.70               | 2800                                 | 180                                                   | 18  | 2610   | 19   |
| E4B1858  | 58                                                        | 15.32              | 1450                                 | 180                                                   | 18  | 2610   | 42   |
| E3B1911  | 11                                                        | 2.91               | 1450                                 | 190                                                   | 19  | 2755   | 31   |
| E2B2008  | 7,5                                                       | 1.98               | 1450                                 | 200                                                   | 20  | 2900   | 27   |
| E2B2010  | 10                                                        | 2.64               | 1450                                 | 200                                                   | 20  | 2900   | 27   |
| E2D2010  | 9,5                                                       | 2.51               | 2800                                 | 200                                                   | 20  | 2900   | 27   |
| E2D2011  | 11                                                        | 2.9                | 2800                                 | 200                                                   | 20  | 2900   | 27   |
| E2D2013  | 13                                                        | 3.43               | 2800                                 | 200                                                   | 20  | 2900   | 27   |
| E2B2014  | 14                                                        | 3.69               | 1450                                 | 200                                                   | 20  | 2900   | 27   |
| E2B2015  | 15                                                        | 3.96               | 1450                                 | 200                                                   | 20  | 2900   | 27   |
| E2D2015  | 15                                                        | 3.96               | 2800                                 | 200                                                   | 20  | 2900   | 27   |
| E2C2016  | 16                                                        | 4.23               | 1750                                 | 200                                                   | 20  | 2900   | 27   |
| E2D2016  | 16                                                        | 4.23               | 2800                                 | 200                                                   | 20  | 2900   | 27   |
| W2030    | 30                                                        | 7.92               | 1450                                 | 200                                                   | 20  | 2900   | 38   |

| MOD.    | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |      |        | Pag. |
|---------|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|------|--------|------|
|         | l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | MPa  | p.s.i. |      |
| W2035   | 35                                                        | 9.25               | 1450                                 | 200                                                   | 20   | 2900   | 38   |
| T2040   | 40                                                        | 10.56              | 1750                                 | 200                                                   | 20   | 2900   | 38   |
| E2E2108 | 8                                                         | 2.11               | 3400                                 | 210                                                   | 21   | 3045   | 27   |
| E2C2109 | 9                                                         | 2.38               | 1750                                 | 210                                                   | 21   | 3045   | 27   |
| E2C2111 | 11                                                        | 2.90               | 1750                                 | 210                                                   | 21   | 3045   | 27   |
| E2E2111 | 11                                                        | 2.90               | 3400                                 | 210                                                   | 21   | 3045   | 27   |
| E2C2112 | 12                                                        | 3.17               | 1750                                 | 210                                                   | 21   | 3045   | 27   |
| E2E2113 | 13                                                        | 3.43               | 3400                                 | 210                                                   | 21   | 3045   | 27   |
| E3A2113 | 13                                                        | 3.43               | 1000                                 | 210                                                   | 21   | 3045   | 33   |
| E2E2114 | 14                                                        | 3.70               | 3400                                 | 210                                                   | 21   | 3045   | 28   |
| E3A2115 | 14,5                                                      | 3.83               | 1000                                 | 210                                                   | 21   | 3045   | 33   |
| E2E2116 | 16                                                        | 4.23               | 3400                                 | 210                                                   | 21   | 3045   | 27   |
| E3B2118 | 18                                                        | 4.76               | 1450                                 | 210                                                   | 21   | 3045   | 33   |
| E3B2121 | 21                                                        | 5.55               | 1450                                 | 210                                                   | 21   | 3045   | 33   |
| W2141   | 41                                                        | 10.83              | 1450                                 | 210                                                   | 21   | 3045   | 38   |
| E3B2511 | 11                                                        | 2.91               | 1450                                 | 250                                                   | 25   | 3625   | 33   |
| E3B2513 | 13                                                        | 3.43               | 1450                                 | 250                                                   | 25   | 3625   | 33   |
| E3C2513 | 13                                                        | 3.43               | 1750                                 | 250                                                   | 25   | 3625   | 33   |
| E3B2515 | 15                                                        | 3.96               | 1450                                 | 250                                                   | 25   | 3625   | 33   |
| E3C2515 | 15                                                        | 3.96               | 1750                                 | 250                                                   | 25   | 3625   | 33   |
| E3E2517 | 17                                                        | 4.49               | 3400                                 | 250                                                   | 25   | 3625   | 33   |
| E3C2518 | 18                                                        | 4.76               | 1750                                 | 250                                                   | 25   | 3625   | 33   |
| E3E2520 | 20                                                        | 5.28               | 3400                                 | 250                                                   | 25   | 3625   | 33   |
| E3C2521 | 21                                                        | 5.55               | 1750                                 | 250                                                   | 25   | 3625   | 33   |
| W2525   | 25                                                        | 6.6                | 1450                                 | 250                                                   | 25   | 3625   | 38   |
| T2530   | 30                                                        | 7.92               | 1750                                 | 250                                                   | 25   | 3625   | 38   |
| T2535   | 35                                                        | 9.25               | 1750                                 | 250                                                   | 25   | 3625   | 38   |
| E4B2548 | 48                                                        | 12.68              | 1450                                 | 250                                                   | 25   | 3625   | 42   |
| E2B2808 | 7,5                                                       | 1.98               | 1450                                 | 275                                                   | 27,5 | 4000   | 27   |
| E2E2808 | 8                                                         | 2.11               | 3400                                 | 275                                                   | 27,5 | 4000   | 27   |
| E2C2809 | 9                                                         | 2.38               | 1750                                 | 275                                                   | 27,5 | 4000   | 27   |
| E2D2810 | 10                                                        | 2.64               | 2800                                 | 275                                                   | 27,5 | 4000   | 27   |
| E2E2810 | 10                                                        | 2.64               | 3400                                 | 275                                                   | 27,5 | 4000   | 27   |
| E2D2811 | 11                                                        | 2.91               | 2800                                 | 275                                                   | 27,5 | 4000   | 27   |
| E2E2811 | 11                                                        | 2.91               | 3400                                 | 275                                                   | 27,5 | 4000   | 28   |
| E2D2812 | 12                                                        | 3.17               | 2800                                 | 275                                                   | 27,5 | 4000   | 27   |
| E2E2812 | 12                                                        | 3.17               | 3400                                 | 275                                                   | 27,5 | 4000   | 27   |
| E2D2813 | 13                                                        | 3.43               | 2800                                 | 275                                                   | 27,5 | 4000   | 27   |
| E2E2813 | 13                                                        | 3.43               | 3400                                 | 275                                                   | 27,5 | 4000   | 27   |
| E3E2813 | 13                                                        | 3.43               | 3400                                 | 275                                                   | 27,5 | 4000   | 33   |
| E2E2815 | 15                                                        | 3.96               | 3400                                 | 275                                                   | 27,5 | 4000   | 27   |
| E3E2815 | 15                                                        | 3.96               | 3400                                 | 275                                                   | 27,5 | 4000   | 33   |
| T2830   | 30                                                        | 7.92               | 1750                                 | 275                                                   | 27,5 | 4000   | 38   |
| W3018   | 17,6                                                      | 4.64               | 1450                                 | 300                                                   | 30   | 4350   | 39   |
| T3021   | 21                                                        | 5.55               | 1750                                 | 300                                                   | 30   | 4350   | 39   |
| W3021   | 21                                                        | 5.55               | 1450                                 | 300                                                   | 30   | 4350   | 39   |
| T3025   | 25                                                        | 6.6                | 1750                                 | 300                                                   | 30   | 4350   | 39   |
| W3025   | 25                                                        | 6.6                | 1450                                 | 300                                                   | 30   | 4350   | 39   |
| E1E3106 | 6                                                         | 1.59               | 3400                                 | 310                                                   | 31   | 4500   | 15   |

| MOD.     | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Pag. |
|----------|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|------|
|          | l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | MPa | p.s.i. |      |
| E1E3107  | 7                                                         | 1.85               | 3400                                 | 310                                                   | 31  | 4500   | 15   |
| E1E3108  | 8                                                         | 2.11               | 3400                                 | 310                                                   | 31  | 4500   | 15   |
| E1E3109  | 9                                                         | 2.38               | 3400                                 | 310                                                   | 31  | 4500   | 15   |
| E1E3110  | 10                                                        | 2.64               | 3400                                 | 310                                                   | 31  | 4500   | 15   |
| E1E3111  | 11                                                        | 2.91               | 3400                                 | 310                                                   | 31  | 4500   | 15   |
| E1E3112  | 12                                                        | 3.17               | 3400                                 | 310                                                   | 31  | 4500   | 15   |
| E1E3113  | 13                                                        | 3.43               | 3400                                 | 310                                                   | 31  | 4500   | 15   |
| W3521    | 21                                                        | 5.55               | 1450                                 | 350                                                   | 35  | 5075   | 39   |
| W3523    | 23                                                        | 6.07               | 1450                                 | 350                                                   | 35  | 5075   | 39   |
| W4015    | 15                                                        | 3.96               | 1450                                 | 400                                                   | 40  | 5800   | 39   |
| T4018    | 18                                                        | 4.75               | 1750                                 | 400                                                   | 40  | 5800   | 39   |
| W4018    | 18                                                        | 4.75               | 1450                                 | 400                                                   | 40  | 5800   | 39   |
| W4518    | 18                                                        | 4.75               | 1450                                 | 450                                                   | 45  | 6225   | 39   |
| T5015    | 15                                                        | 3.96               | 1750                                 | 500                                                   | 50  | 7250   | 39   |
| W5015    | 15                                                        | 3.96               | 1450                                 | 500                                                   | 50  | 7250   | 39   |
| W5018    | 18                                                        | 4.75               | 1450                                 | 500                                                   | 50  | 7250   | 39   |
| T5018    | 18                                                        | 4.75               | 1750                                 | 500                                                   | 50  | 7250   | 39   |
| WK5021   | 21                                                        | 5.55               | 1450                                 | 500                                                   | 50  | 7250   | 39   |
| W14200   | 13,6                                                      | 3.6                | 1750                                 | 200                                                   | 20  | 2900   | 22   |
| W 16180  | 15,9                                                      | 4.2                | 1750                                 | 180                                                   | 18  | 2610   | 22   |
| W100100H | 100                                                       | 26.4               | 1450                                 | 100                                                   | 10  | 1450   | 43   |
| W100140  | 142                                                       | 37.5               | 1450                                 | 100                                                   | 10  | 1450   | 43   |
| W120120  | 115                                                       | 30.4               | 1450                                 | 120                                                   | 12  | 1750   | 43   |





# 5 | series

## STANDARD VERSION



All models can be supplied with built-in "H" type automatic pressure regulator (**right**), allows to set the pump pressure to zero.

Tous les modèles peuvent être livrés avec régulateur automatique incorporé de la série "H", (**à droite**) qui permet de réduire la pression à zéro dans la pompe. Alle Modelle sind mit eingebauetem automatischem Druckreguliertventil

Typ "H" lieferbar (**rechts**). Wenn die Pumpe in Bypass läuft, stellt der "H" Typ den Druck auf Null in der Pumpe.

Todos los modelos pueden venir equipados con regulador automático de presión incorporado, de tipo "H" (**a la derecha**), que baja la presión a cero cuando la bomba marcha en bypass.

Tutti i modelli possono essere forniti con valvola di regolazione automatica incorporata (**a destra**) di tipo "H", che consente di azzerare la pressione in pompa.

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min      GPM<br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |     | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|----|------|------------------------------------------------|---------------------------------------------------------------------|-----|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| W1507                                                                      | 7                                                                                       | 1.85 | 150                                                                               | 15 | 2175 | 1450                                           | 2,20                                                                | 3   | 5,2                                              | G3/8F                                            | G1/4F                                           | 177x175x130                                                              |
| W1208                                                                      | 8                                                                                       | 2.11 | 120                                                                               | 12 | 1750 |                                                | 1,83                                                                | 2,5 |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |
| W1210                                                                      | 10                                                                                      | 2.64 | 120                                                                               | 12 | 1750 |                                                | 2,20                                                                | 3   |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |
| T1508                                                                      | 8                                                                                       | 2.11 | 150                                                                               | 15 | 2175 | 1750                                           | 2,20                                                                | 3   | 5,2                                              | G3/8F                                            | G1/4F                                           | 177x175x130                                                              |
| T1209                                                                      | 9                                                                                       | 2.38 | 120                                                                               | 12 | 1750 |                                                | 2,20                                                                | 3   |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |
| T1212                                                                      | 12                                                                                      | 3.17 | 120                                                                               | 12 | 1750 |                                                | 2,94                                                                | 4   |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |
| WW55                                                                       | 8                                                                                       | 2.11 | 50                                                                                | 5  | 725  | 2800                                           | 0,73                                                                | 1   | 4                                                | G3/8F                                            | G1/4F                                           | 177x175x130                                                              |
| WW74                                                                       | 8                                                                                       | 2.11 | 70                                                                                | 7  | 1015 |                                                | 1,10                                                                | 1,5 |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |
| WW90                                                                       | 8                                                                                       | 2.11 | 90                                                                                | 9  | 1300 |                                                | 1,47                                                                | 2   |                                                  | 5,1                                              | G3/8F                                           |                                                                          |
| WW1508                                                                     | 8                                                                                       | 2.11 | 150                                                                               | 15 | 2175 |                                                | 2,20                                                                | 3   | 5,2                                              | G3/8F                                            | G1/4F                                           |                                                                          |
| WW1509                                                                     | 9                                                                                       | 2.38 | 150                                                                               | 15 | 2175 |                                                | 2,57                                                                | 3,5 |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |
| WW95                                                                       | 9,5                                                                                     | 2.5  | 100                                                                               | 10 | 1450 |                                                | 1,83                                                                | 2,5 |                                                  | 5,1                                              | G3/8F                                           |                                                                          |
| WW1510                                                                     | 10                                                                                      | 2.64 | 150                                                                               | 15 | 2175 |                                                | 2,94                                                                | 4   | 5,2                                              | G3/8F                                            | G1/4F                                           |                                                                          |
| WW56                                                                       | 11                                                                                      | 2.9  | 50                                                                                | 5  | 725  |                                                | 1,10                                                                | 1,5 | 4                                                | G3/8F                                            | G1/4F                                           |                                                                          |
| WW75                                                                       | 11                                                                                      | 2.9  | 70                                                                                | 7  | 1015 |                                                | 1,47                                                                | 2   |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |
| WW93                                                                       | 11                                                                                      | 2.9  | 90                                                                                | 9  | 1300 |                                                | 1,83                                                                | 2,5 |                                                  | 5,1                                              | G3/8F                                           |                                                                          |
| WW1511                                                                     | 11                                                                                      | 2.9  | 150                                                                               | 15 | 2175 |                                                | 3,30                                                                | 4,5 | 5,2                                              | G3/8F                                            | G1/4F                                           |                                                                          |
| WW94                                                                       | 13                                                                                      | 3.43 | 90                                                                                | 9  | 1300 |                                                | 2,20                                                                | 3   | 5,1                                              | G3/8F                                            | G1/4F                                           |                                                                          |
| WW1513                                                                     | 13                                                                                      | 3.43 | 150                                                                               | 15 | 2175 |                                                | 3,67                                                                | 5   | 5,2                                              | G3/8F                                            | G1/4F                                           |                                                                          |
| TT1508                                                                     | 8                                                                                       | 2.11 | 150                                                                               | 15 | 2175 | 3400                                           | 2,20                                                                | 3   | 5,2                                              | G3/8F                                            | G1/4F                                           | 177x175x130                                                              |
| TT1510                                                                     | 10                                                                                      | 2.64 |                                                                                   |    |      |                                                | 2,94                                                                | 4   |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |
| TT1511                                                                     | 11                                                                                      | 2.9  |                                                                                   |    |      |                                                | 3,30                                                                | 4,5 |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |
| TT1512                                                                     | 12                                                                                      | 3.17 |                                                                                   |    |      |                                                | 3,30                                                                | 4,5 |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |
| TT1513                                                                     | 13                                                                                      | 3.43 |                                                                                   |    |      |                                                | 3,67                                                                | 5   |                                                  | G3/8F                                            | G1/4F                                           |                                                                          |

**Inlet - Outlet:** the dimensions shown are referred to the pump without valve / **Entrée - Sortie:** Les dimensions indiquées se réfèrent à la pompe sans régulateur / **Eingang - Ausgang:** Die angegebenen Maße beziehen sich auf die Pumpe ohne Druckregelventil / **Entrada - Salida:** Las dimensiones indicadas se refieren a la bomba sin regulador / **Entrata - Uscita:** Le misure indicate sono riferite alla pompa senza valvola



## WW55 - WW56 - WW74 - WW75 W905 - WW906 - WW907

Standard version with nickel plated aluminium head.  
Version with brass head available on request.

Version standard avec culasse en aluminium nickelé.  
Version avec culasse laiton disponible sur requête.

Standardausführung mit vernickeltem Aluminiumkopf.  
Ausführung mit Messingkopf lieferbar auf Wunsch.

Versión standard con culata de aluminio niquelado.  
Versión con culata de latón disponible bajo pedido.

Versione standard con testata in alluminio nichelato.  
Disponibile su richiesta la versione con testata in ottone.

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min GPM<br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. |     |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp |     |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------|-----|------|------------------------------------------------|----------------------------------------------------------------|-----|
|                                                                            |                                                                                    |      |                                                                             |     |      |                                                |                                                                |     |
| W905A                                                                      | 8                                                                                  | 2.11 | 70                                                                          | 7   | 1015 | 1750                                           | 1,10                                                           | 1,5 |
| T1508A                                                                     | 8                                                                                  | 2.11 | 150                                                                         | 15  | 2175 |                                                | 2,20                                                           | 3   |
| T1209A                                                                     | 9                                                                                  | 2.38 | 120                                                                         | 12  | 1750 |                                                | 2,20                                                           | 3   |
| T1212A                                                                     | 12                                                                                 | 3.17 | 120                                                                         | 12  | 1750 |                                                | 2,94                                                           | 4   |
| WW906A                                                                     | 8                                                                                  | 2.11 | 70                                                                          | 7   | 1015 | 3400                                           | 1,10                                                           | 1,5 |
| WW907A                                                                     | 10,6                                                                               | 2.8  | 55                                                                          | 5,5 | 800  |                                                | 1,10                                                           | 1,5 |

## A Version

For electric motor NEMA 56 C  
Pour moteur électrique NEMA 56 C  
Für Elektromotor NEMA 56 C  
Para motor eléctrico NEMA 56 C  
Per motore elettrico NEMA 56 C

|         |     |      |     |    |      |      |      |     |
|---------|-----|------|-----|----|------|------|------|-----|
| W1507B  | 7   | 1.85 | 150 | 15 | 2175 | 1450 | 2,20 | 3   |
| W1208B  | 8   | 2.11 | 120 | 12 | 1750 |      | 1,83 | 2,5 |
| W1210B  | 10  | 2.64 | 120 | 12 | 1750 |      | 2,20 | 3   |
| WW55B   | 8   | 2.11 | 50  | 5  | 725  | 2800 | 0,73 | 1   |
| WW74B   | 8   | 2.11 | 70  | 7  | 1015 |      | 1,10 | 1,5 |
| WW90B   | 8   | 2.11 | 90  | 9  | 1300 |      | 1,47 | 2   |
| WW1508B | 8   | 2.11 | 150 | 15 | 2175 |      | 2,20 | 3   |
| WW95B   | 9,5 | 2.5  | 100 | 10 | 1450 |      | 1,83 | 2,5 |
| WW1510B | 10  | 2.64 | 150 | 15 | 2175 |      | 2,94 | 4   |
| WW56B   | 11  | 2.9  | 50  | 5  | 725  |      | 1,10 | 1,5 |
| WW75B   | 11  | 2.9  | 70  | 7  | 1015 |      | 1,47 | 2   |
| WW93B   | 11  | 2.9  | 90  | 9  | 1300 |      | 1,83 | 2,5 |
| WW1511B | 11  | 2.9  | 150 | 15 | 2175 |      | 3,30 | 4,5 |
| WW94B   | 13  | 3.43 | 90  | 9  | 1300 |      | 2,20 | 3   |
| WW1513B | 13  | 3.43 | 150 | 15 | 2175 |      | 3,67 | 5   |

## B Version

For electric motor IEC90 B14 (special shaft)  
Pour moteur électrique IEC90 B14 (arbre spécial)  
Für Elektromotor IEC90 B14 (Sonderwelle)  
Para motor eléctrico IEC90 B14 (eje especial)  
Per motore elettrico IEC90 B14 (albero speciale)

|              |      |      |     |     |      |      |      |     |
|--------------|------|------|-----|-----|------|------|------|-----|
| WW906C 3/4"  | 8    | 2.11 | 70  | 7   | 1015 | 3400 | 1,10 | 1,5 |
| TT1508C 3/4" | 8    | 2.11 | 150 | 15  | 2175 |      | 2,20 | 3   |
| TT1510C 3/4" | 10   | 2.64 | 150 | 15  | 2175 |      | 2,94 | 4   |
| WW907C 3/4"  | 10,6 | 2.8  | 55  | 5,5 | 800  |      | 1,10 | 1,5 |
| TT1511C 3/4" | 11   | 2.9  | 150 | 15  | 2175 |      | 3,30 | 4,5 |
| TT1512C 3/4" | 12   | 3.17 | 150 | 15  | 2175 |      | 3,30 | 4,5 |
| WW909C 3/4"  | 13   | 3.43 | 100 | 10  | 1450 |      | 2,57 | 3,5 |
| TT1513C 3/4" | 13   | 3.43 | 150 | 15  | 2175 |      | 3,67 | 5   |

## C 3/4" Version

For gasoline engine SAE J 609-A ext. 3  
Pour moteur essence SAE J 609-A ext. 3  
Für Benzinmotor SAE J 609-A ext. 3  
Para motor de gasolina SAE J 609-A ext. 3  
Per motore endotermico SAE J 609-A ext. 3

All models can be supplied with built-in "H" type automatic pressure regulator (right), allows to set the pump pressure to zero.

Tous les modèles peuvent être livrés avec régulateur automatique incorporé de la série "H", (à droite) qui permet de réduire la pression à zéro dans la pompe.

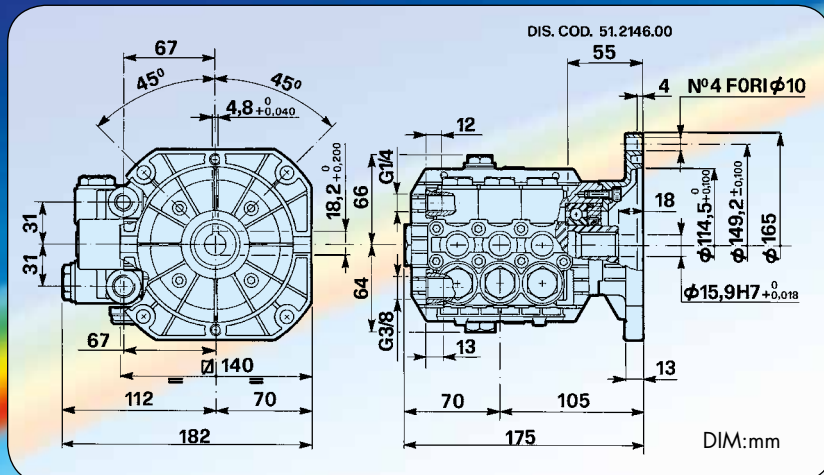
Alle Modelle sind mit eingebautem automatischem Druckreguliertyp "H" lieferbar (rechts). Wenn die Pumpe in Bypass läuft, stellt der "H" Typ den Druck auf Null in der Pumpe.

Todos los modelos pueden venir equipados con regulador automático de presión incorporado, de tipo "H" (a la derecha), que baja la presión a cero cuando la bomba marcha en bypass.

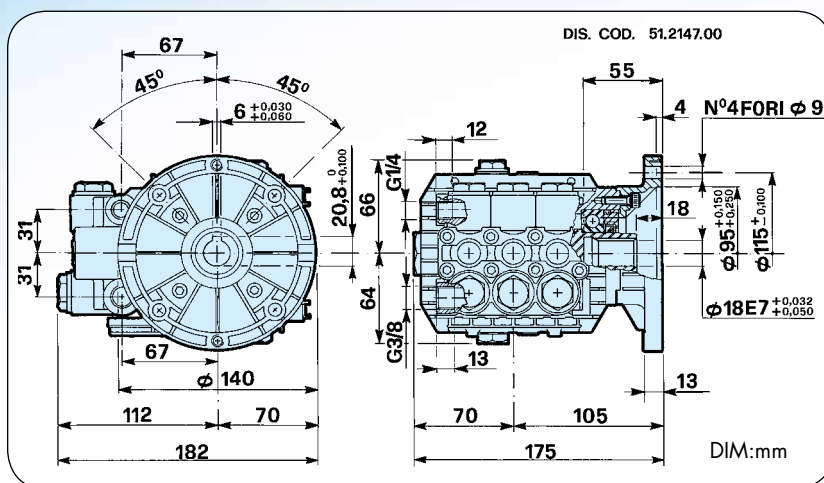
Tutti i modelli possono essere forniti con valvola di regolazione automatica incorporata (a destra) di tipo "H", che consente di azzerare la pressione in pompa.



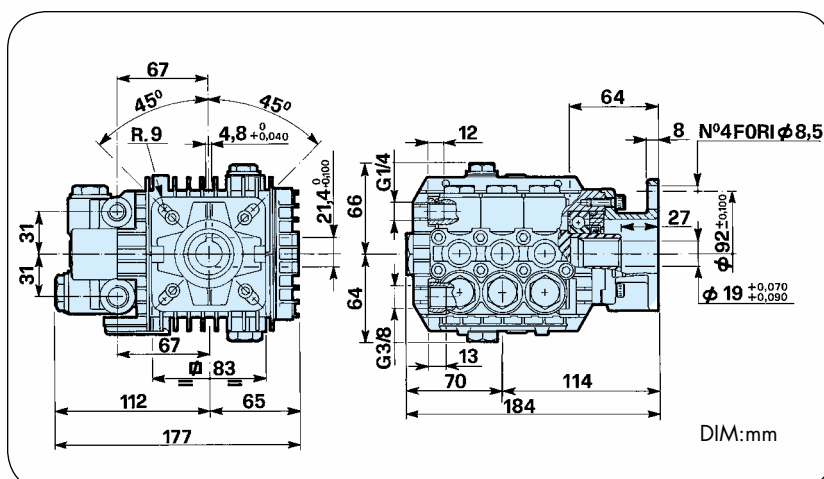
**A Version**



**B Version**



**C 3/4" Version**





53 series

# E1 EVOLUTION



STANDARD VERSION



**E1-VH Version**  
(left or right)

- Rails kit available on request, item ZFEET59H22
- Kit pieds disponible sur requête, code ZFEET59H22
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET59H22
- Kit pies disponible bajo pedido, código ZFEET59H22
- Kit piedi disponibile su richiesta, codice ZFEET59H22



**E1-“Stop and Go” Version**  
(left or right)

NEW



# 53 series

## E1 EVOLUTION

All models can be supplied with built-in "H" type automatic pressure regulator (left or right), or with built-in pressure regulator and Stop and Go.

Tous les modèles peuvent être livrés avec régulateur automatique de pression incorporé de la série "H" (à droite ou à gauche), ou avec régulateur incorporé et Stop and Go.

Alle Modelle sind mit eingebautem automatischem Druckreguliertyp "H" lieferbar (rechts oder links) oder mit eingebautem Druckregler und Stop and Go-Vorrichtung lieferbar.

Todos los modelos pueden venir equipados con regulador automatico de presión incorporado, de tipo "H" (a la derecha o a la izquierda), o con regulador de presión incorporado y Stop and Go.

Tutti i modelli possono essere forniti con valvola di regolazione automatica incorporata di tipo "H" (a sinistra o a destra), o con valvola di regolazione incorporata e Stop and Go.

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min      GPM<br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |      | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|----|------|------------------------------------------------|---------------------------------------------------------------------|------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| E1B1807                                                                    | 7                                                                                       | 1.85 | 180                                                                               | 18 | 2610 | 1450                                           | 2,43                                                                | 3,3  | 5                                                | G1/2F                                            | G3/8F                                           | 195x207x107                                                              |
| E1B1808                                                                    | 8                                                                                       | 2.11 | 180                                                                               | 18 | 2610 |                                                | 2,72                                                                | 3,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1B1809                                                                    | 9                                                                                       | 2.38 | 180                                                                               | 18 | 2610 |                                                | 3,09                                                                | 4,2  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1B1810                                                                    | 10                                                                                      | 2.64 | 180                                                                               | 18 | 2610 |                                                | 3,46                                                                | 4,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1B1611                                                                    | 11                                                                                      | 2.91 | 160                                                                               | 16 | 2320 |                                                | 3,38                                                                | 4,6  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1B1612                                                                    | 12                                                                                      | 3.17 | 160                                                                               | 16 | 2320 |                                                | 3,68                                                                | 5,0  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1B1613                                                                    | 13                                                                                      | 3.43 | 160                                                                               | 16 | 2320 |                                                | 3,97                                                                | 5,4  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1B1614                                                                    | 14                                                                                      | 3.70 | 160                                                                               | 16 | 2320 |                                                | 4,26                                                                | 5,8  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1C1808                                                                    | 8                                                                                       | 2.11 | 180                                                                               | 18 | 2610 | 1750                                           | 2,72                                                                | 3,7  | 5                                                | G1/2F                                            | G3/8F                                           | 195x207x107                                                              |
| E1C1609                                                                    | 9                                                                                       | 2.38 | 160                                                                               | 16 | 2320 |                                                | 2,72                                                                | 3,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1C1810                                                                    | 10                                                                                      | 2.64 | 180                                                                               | 18 | 2610 |                                                | 3,46                                                                | 4,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1C1811                                                                    | 11                                                                                      | 2.91 | 180                                                                               | 18 | 2610 |                                                | 3,75                                                                | 5,1  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1C1612                                                                    | 12                                                                                      | 3.17 | 160                                                                               | 16 | 2320 |                                                | 3,68                                                                | 5,0  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1C1613                                                                    | 13                                                                                      | 3.43 | 160                                                                               | 16 | 2320 |                                                | 3,97                                                                | 5,4  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1C1614                                                                    | 14                                                                                      | 3.70 | 160                                                                               | 16 | 2320 |                                                | 4,26                                                                | 5,8  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1D1807                                                                    | 7                                                                                       | 1.85 | 180                                                                               | 18 | 2610 | 2800                                           | 2,43                                                                | 3,3  | 5                                                | G1/2F                                            | G3/8F                                           | 195x207x107                                                              |
| E1D1808                                                                    | 8                                                                                       | 2.11 | 180                                                                               | 18 | 2610 |                                                | 2,72                                                                | 3,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1D1810                                                                    | 10                                                                                      | 2.64 | 180                                                                               | 18 | 2610 |                                                | 3,46                                                                | 4,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1D1811                                                                    | 11                                                                                      | 2.91 | 180                                                                               | 18 | 2610 |                                                | 3,75                                                                | 5,1  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1D1813                                                                    | 13                                                                                      | 3.43 | 180                                                                               | 18 | 2610 |                                                | 4,49                                                                | 6,1  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1D1814                                                                    | 14                                                                                      | 3.70 | 180                                                                               | 18 | 2610 |                                                | 4,78                                                                | 6,5  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1E1808                                                                    | 8                                                                                       | 2.11 | 180                                                                               | 18 | 2610 | 3400                                           | 2,72                                                                | 3,7  | 5                                                | G1/2F                                            | G3/8F                                           | 195x207x107                                                              |
| E1E1810                                                                    | 10                                                                                      | 2.64 | 180                                                                               | 18 | 2610 |                                                | 3,46                                                                | 4,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1E1812                                                                    | 12                                                                                      | 3.17 | 180                                                                               | 18 | 2610 |                                                | 4,12                                                                | 5,6  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1E1813                                                                    | 13                                                                                      | 3.43 | 180                                                                               | 18 | 2610 |                                                | 4,49                                                                | 6,1  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1E3106                                                                    | 6                                                                                       | 1.59 | 310                                                                               | 31 | 4500 | 3400                                           | 3,53                                                                | 4,8  | 5                                                | G1/2F                                            | G3/8F                                           | 195x207x107                                                              |
| E1E3107                                                                    | 7                                                                                       | 1.85 | 310                                                                               | 31 | 4500 |                                                | 4,12                                                                | 5,6  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1E3108                                                                    | 8                                                                                       | 2.11 | 310                                                                               | 31 | 4500 |                                                | 4,71                                                                | 6,4  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1E3109                                                                    | 9                                                                                       | 2.38 | 310                                                                               | 31 | 4500 |                                                | 5,29                                                                | 7,2  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1E3110                                                                    | 10                                                                                      | 2.64 | 310                                                                               | 31 | 4500 |                                                | 5,96                                                                | 8,1  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1E3111                                                                    | 11                                                                                      | 2.91 | 310                                                                               | 31 | 4500 |                                                | 6,54                                                                | 8,9  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1E3112                                                                    | 12                                                                                      | 3.17 | 310                                                                               | 31 | 4500 |                                                | 7,13                                                                | 9,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E1E3113                                                                    | 13                                                                                      | 3.43 | 310                                                                               | 31 | 4500 |                                                | 7,72                                                                | 10,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |

Inlet - Outlet: the dimensions shown are referred to the pump without valve / Entrée - Sortie: Les dimensions indiquées se réfèrent à la pompe sans régulateur / Eingang - Ausgang: Die angegebenen Maße beziehen sich auf die Pumpe ohne Druckregulventil / Entrada - Salida: Las dimensiones indicadas se refieren a la bomba sin regulador / Entrata - Uscita: Le misure indicate sono riferite alla pompa senza valvola

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min GPM<br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp |     |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------|----|------|------------------------------------------------|----------------------------------------------------------------|-----|
|                                                                            |                                                                                    |      |                                                                             |    |      |                                                |                                                                |     |
| E1C1808A                                                                   | 8                                                                                  | 2.11 | 180                                                                         | 18 | 2610 | 1750                                           | 2,72                                                           | 3,7 |
| E1C1609A                                                                   | 9                                                                                  | 2.38 | 160                                                                         | 16 | 2320 |                                                | 2,72                                                           | 3,7 |
| E1C1612A                                                                   | 12                                                                                 | 3.17 | 160                                                                         | 16 | 2320 |                                                | 3,68                                                           | 5,0 |
| E1E1808A                                                                   | 8                                                                                  | 2.11 | 180                                                                         | 18 | 2610 | 3400                                           | 2,72                                                           | 3,7 |
| E1E1811A                                                                   | 11                                                                                 | 2.91 | 180                                                                         | 18 | 2610 |                                                | 3,75                                                           | 5,1 |
| E1E1812A                                                                   | 12                                                                                 | 3.17 | 180                                                                         | 18 | 2610 |                                                | 4,17                                                           | 5,6 |

## E1 EVOLUTION

### A Version

For electric motor NEMA 56 C  
Pour moteur électrique NEMA 56 C  
Für Elektromotor NEMA 56 C  
Para motor eléctrico NEMA 56 C  
Per motore elettrico NEMA 56 C

|          |    |      |     |    |      |      |      |     |
|----------|----|------|-----|----|------|------|------|-----|
| E1B1807B | 7  | 1.85 | 180 | 18 | 2610 | 1450 | 2,43 | 3,3 |
| E1B1808B | 8  | 2.11 | 180 | 18 | 2610 |      | 2,72 | 3,7 |
| E1B1810B | 10 | 2.64 | 180 | 18 | 2610 |      | 3,46 | 4,7 |
| E1B1613B | 13 | 3.43 | 160 | 16 | 2320 |      | 3,97 | 5,4 |
| E1D1808B | 8  | 2.11 | 180 | 18 | 2610 | 2800 | 2,72 | 3,7 |
| E1D1810B | 10 | 2.64 | 180 | 18 | 2610 |      | 3,46 | 4,7 |
| E1D1811B | 11 | 2.91 | 180 | 18 | 2610 |      | 3,75 | 5,1 |
| E1D1813B | 13 | 3.43 | 180 | 18 | 2610 |      | 4,49 | 6,1 |

### B Version

For electric motor IEC 90 B14 (special shaft)  
Pour moteur électrique IEC 90 B14 (arbre spécial)  
Für Elektromotor IEC 90 B14 (Sonderwelle)  
Para motor eléctrico IEC 90 B14 (eje especial)  
Per motore elettrico IEC 90 B14 (albero speciale)

|          |    |      |     |    |      |      |      |     |
|----------|----|------|-----|----|------|------|------|-----|
| E1E1808C | 8  | 2.11 | 180 | 18 | 2610 | 3400 | 2,72 | 3,7 |
| E1E1811C | 11 | 2.91 | 180 | 18 | 2610 |      | 3,75 | 5,1 |
| E1E1812C | 12 | 3.17 | 180 | 18 | 2610 |      | 4,12 | 5,6 |
| E1E1813C | 13 | 3.43 | 180 | 18 | 2610 |      | 4,49 | 6,1 |

### C 3/4" Version

For gasoline engine SAE J 609-A ext. 3  
Pour moteur essence SAE J 609-A ext. 3  
Für Benzinmotor SAE J 609-A ext. 3  
Para motor de gasolina SAE J 609-A ext. 3  
Per motore endotermico SAE J 609-A ext. 3

All models can be supplied with built-in "H" type automatic pressure regulator (left or right), or with built-in pressure regulator and Stop and Go.

Tous les modèles peuvent être livrés avec régulateur automatique de pression incorporé de la série "H" (à droite ou à gauche), ou avec régulateur incorporé et Stop and Go.

Alle Modelle sind mit eingebautem automatischem Druckregulierungsventil typ "H" lieferbar (rechts oder links) oder mit eingebautem Druckregler und Stop and Go-Vorrichtung lieferbar.

Todos los modelos pueden venir equipados con regulador automático de presión incorporado, de tipo "H" (a la derecha o a la izquierda), o con regulador de presión incorporado y Stop and Go.

Tutti i modelli possono essere forniti con valvola di regolazione automatica incorporata di tipo "H" (a sinistra o a destra), o con valvola di regolazione incorporata e Stop and Go.

**VERSIONS WITH FLANGE / VERSIONS AVEC BRIDE  
AUSFÜHRUNGEN MIT FLANSCH / VERSIONES CON BRIDA  
VERSIONI CON FLANGIA**





53 series

**ET1 EVOLUTION**



**STANDARD VERSION**



# 53 series

# ET1 EVOLUTION

All models can be supplied with built-in "H" type automatic pressure regulator (left or right), or with built-in pressure regulator and Stop and Go.  
 Tous les modèles peuvent être livrés avec régulateur automatique de pression incorporé de la série "H" (à droite ou à gauche), ou avec régulateur incorporé et Stop and Go.  
 Alle Modelle sind mit eingebautem automatischem Druckreguliertyp "H" lieferbar (rechts oder links) oder mit eingebautem Druckregler und Stop and Go-Vorrichtung lieferbar.  
 Todos los modelos pueden venir equipados con regulador automático de presión incorporado, de tipo "H" (a la derecha o a la izquierda), o con regulador de presión incorporado y Stop and Go.  
 Tutti i modelli possono essere forniti con valvola di regolazione automatica incorporata di tipo "H" (a sinistra o a destra), o con valvola di regolazione incorporata e Stop and Go.

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min<br>GPM<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|

|          |    |      |     |    |      |      |      |     |   |       |       |             |
|----------|----|------|-----|----|------|------|------|-----|---|-------|-------|-------------|
| ET1B1807 | 7  | 1.85 | 180 | 18 | 2610 | 1450 | 2,43 | 3,3 | 5 | G1/2F | G3/8F | 195x207x107 |
| ET1B1808 | 8  | 2.11 | 180 | 18 | 2610 |      | 2,72 | 3,7 |   | G1/2F | G3/8F |             |
| ET1B1809 | 9  | 2.38 | 180 | 18 | 2610 |      | 3,09 | 4,2 |   | G1/2F | G3/8F |             |
| ET1B1810 | 10 | 2.64 | 180 | 18 | 2610 |      | 3,46 | 4,7 |   | G1/2F | G3/8F |             |
| ET1B1611 | 11 | 2.91 | 160 | 16 | 2320 |      | 3,38 | 4,6 |   | G1/2F | G3/8F |             |
| ET1B1612 | 12 | 3.17 | 160 | 16 | 2320 |      | 3,68 | 5,0 |   | G1/2F | G3/8F |             |
| ET1B1613 | 13 | 3.43 | 160 | 16 | 2320 |      | 3,97 | 5,4 |   | G1/2F | G3/8F |             |
| ET1B1614 | 14 | 3.70 | 160 | 16 | 2320 |      | 4,26 | 5,8 |   | G1/2F | G3/8F |             |

|          |    |      |     |    |      |      |      |     |   |       |       |             |
|----------|----|------|-----|----|------|------|------|-----|---|-------|-------|-------------|
| ET1C1808 | 8  | 2.11 | 180 | 18 | 2610 | 1750 | 2,72 | 3,7 | 5 | G1/2F | G3/8F | 195x207x107 |
| ET1C1609 | 9  | 2.38 | 160 | 16 | 2320 |      | 2,72 | 3,7 |   | G1/2F | G3/8F |             |
| ET1C1810 | 10 | 2.64 | 180 | 18 | 2610 |      | 3,46 | 4,7 |   | G1/2F | G3/8F |             |
| ET1C1811 | 11 | 2.91 | 180 | 18 | 2610 |      | 3,75 | 5,1 |   | G1/2F | G3/8F |             |
| ET1C1612 | 12 | 3.17 | 160 | 16 | 2320 |      | 3,68 | 5,0 |   | G1/2F | G3/8F |             |
| ET1C1613 | 13 | 3.43 | 160 | 16 | 2320 |      | 3,97 | 5,4 |   | G1/2F | G3/8F |             |
| ET1C1614 | 14 | 3.70 | 160 | 16 | 2320 |      | 4,26 | 5,8 |   | G1/2F | G3/8F |             |

|          |    |      |     |    |      |      |      |     |   |       |       |             |
|----------|----|------|-----|----|------|------|------|-----|---|-------|-------|-------------|
| ET1D1807 | 7  | 1.85 | 180 | 18 | 2610 | 2800 | 2,43 | 3,3 | 5 | G1/2F | G3/8F | 195x207x107 |
| ET1D1808 | 8  | 2.11 | 180 | 18 | 2610 |      | 2,72 | 3,7 |   | G1/2F | G3/8F |             |
| ET1D1810 | 10 | 2.64 | 180 | 18 | 2610 |      | 3,46 | 4,7 |   | G1/2F | G3/8F |             |
| ET1D1811 | 11 | 2.91 | 180 | 18 | 2610 |      | 3,75 | 5,1 |   | G1/2F | G3/8F |             |
| ET1D1813 | 13 | 3.43 | 180 | 18 | 2610 |      | 4,49 | 6,1 |   | G1/2F | G3/8F |             |
| ET1D1814 | 14 | 3.70 | 180 | 18 | 2610 |      | 4,78 | 6,5 |   | G1/2F | G3/8F |             |

|          |    |      |     |    |      |      |      |     |   |       |       |             |
|----------|----|------|-----|----|------|------|------|-----|---|-------|-------|-------------|
| ET1E1808 | 8  | 2.11 | 180 | 18 | 2610 | 3400 | 2,72 | 3,7 | 5 | G1/2F | G3/8F | 195x207x107 |
| ET1E1810 | 10 | 2.64 | 180 | 18 | 2610 |      | 3,46 | 4,7 |   | G1/2F | G3/8F |             |
| ET1E1812 | 12 | 3.17 | 180 | 18 | 2610 |      | 4,12 | 5,6 |   | G1/2F | G3/8F |             |
| ET1E1813 | 13 | 3.43 | 180 | 18 | 2610 |      | 4,49 | 6,1 |   | G1/2F | G3/8F |             |

**Inlet - Outlet:** the dimensions shown are referred to the pump without valve / **Entrée - Sortie:** Les dimensions indiquées se réfèrent à la pompe sans régulateur / **Eingang - Ausgang:** Die angegebenen Maße beziehen sich auf die Pumpe ohne Druckregulventil / **Entrada - Salida:** Las dimensiones indicadas se refieren a la bomba sin regulador / **Entrata - Uscita:** Le misure indicate sono riferite alla pompa senza valvola

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min <b>GPM</b><br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |     |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|----|------|------------------------------------------------|---------------------------------------------------------------------|-----|
| ET1C1808A                                                                  | 8                                                                                         | 2.11 | 180                                                                               | 18 | 2610 | 1750                                           | 2,72                                                                | 3,7 |
| ET1C1609A                                                                  | 9                                                                                         | 2.38 | 160                                                                               | 16 | 2320 |                                                | 2,72                                                                | 3,7 |
| ET1C1612A                                                                  | 12                                                                                        | 3.17 | 160                                                                               | 16 | 2320 |                                                | 3,68                                                                | 5,0 |
|                                                                            |                                                                                           |      |                                                                                   |    |      |                                                |                                                                     |     |
| ET1E1808A                                                                  | 8                                                                                         | 2.11 | 180                                                                               | 18 | 2610 | 3400                                           | 2,72                                                                | 3,7 |
| ET1E1811A                                                                  | 11                                                                                        | 2.91 | 180                                                                               | 18 | 2610 |                                                | 3,75                                                                | 5,1 |
| ET1E1812A                                                                  | 12                                                                                        | 3.17 | 180                                                                               | 18 | 2610 |                                                | 4,17                                                                | 5,6 |

## ET1 EVOLUTION

### A Version

For electric motor NEMA 56 C  
Pour moteur électrique NEMA 56 C  
Für Elektromotor NEMA 56 C  
Para motor eléctrico NEMA 56 C  
Per motore elettrico NEMA 56 C

|           |    |      |     |    |      |      |      |     |
|-----------|----|------|-----|----|------|------|------|-----|
| ET1B1807B | 7  | 1.85 | 180 | 18 | 2610 | 1450 | 2,43 | 3,3 |
| ET1B1808B | 8  | 2.11 | 180 | 18 | 2610 |      | 2,72 | 3,7 |
| ET1B1810B | 10 | 2.64 | 180 | 18 | 2610 |      | 3,46 | 4,7 |
| ET1B1613B | 13 | 3.43 | 160 | 16 | 2320 |      | 3,97 | 5,4 |
| ET1D1808B | 8  | 2.11 | 180 | 18 | 2610 | 2800 | 2,72 | 3,7 |
| ET1D1810B | 10 | 2.64 | 180 | 18 | 2610 |      | 3,46 | 4,7 |
| ET1D1811B | 11 | 2.91 | 180 | 18 | 2610 |      | 3,75 | 5,1 |
| ET1D1813B | 13 | 3.43 | 180 | 18 | 2610 |      | 4,49 | 6,1 |

### B Version

For electric motor IEC 90 B14 (special shaft)  
Pour moteur électrique IEC 90 B14 (arbre spécial)  
Für Elektromotor IEC 90 B14 (Sonderwelle)  
Para motor eléctrico IEC 90 B14 (eje especial)  
Per motore elettrico IEC 90 B14 (albero speciale)

|           |    |      |     |    |      |      |      |     |
|-----------|----|------|-----|----|------|------|------|-----|
| ET1E1808C | 8  | 2.11 | 180 | 18 | 2610 | 3400 | 2,72 | 3,7 |
| ET1E1811C | 11 | 2.91 | 180 | 18 | 2610 |      | 3,75 | 5,1 |
| ET1E1812C | 12 | 3.17 | 180 | 18 | 2610 |      | 4,12 | 5,6 |
| ET1E1813C | 13 | 3.43 | 180 | 18 | 2610 |      | 4,49 | 6,1 |

### C 3/4" Version

For gasoline engine SAE J 609-A ext. 3  
Pour moteur essence SAE J 609-A ext. 3  
Für Benzinmotor SAE J 609-A ext. 3  
Para motor de gasolina SAE J 609-A ext. 3  
Per motore endotermico SAE J 609-A ext. 3

All models can be supplied with built-in "H" type automatic pressure regulator (left or right), or with built-in pressure regulator and Stop and Go.

Tous les modèles peuvent être livrés avec régulateur automatique de pression incorporé de la série "H" (à droite ou à gauche), ou avec régulateur incorporé et Stop and Go.

Alle Modelle sind mit eingebautem automatischem Druckregulierungsventil typ "H" lieferbar (rechts oder links) oder mit eingebautem Druckregler und Stop and Go-Vorrichtung lieferbar.

Todos los modelos pueden venir equipados con regulador automático de presión incorporado, de tipo "H" (a la derecha o a la izquierda), o con regulador de presión incorporado y Stop and Go.

Tutti i modelli possono essere forniti con valvola di regolazione automatica incorporata di tipo "H" (a sinistra o a destra), o con valvola di regolazione incorporata e Stop and Go.





# 44 series

STANDARD VERSION



W200  
W204  
W14200  
W16180



VH Version



VK Version

- Rails kit available on request, item ZFEET59H22
- Kit pieds disponible sùr requête, code ZFEET59H22
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET59H22
- Kit pies disponible bajo pedido, código ZFEET59H22
- Kit piedi disponibile su richiesta, codice ZFEET59H22

All models (except for models WW966 - WW967 - WW968 - WW966C - WW967C - WW968C - W200 - W204 W14200 - W16180) can be supplied with built-in "H" type and "K" type automatic pressure regulators (right).

Tous les modèles (sauf modèles WW966 - WW967 - WW968 - WW966C - WW967C - WW968C - W200 - W204W14200 - W16180) peuvent être livrés avec régulateur automatique de pression incorporé de la série "H" ou "K" (à droite).

Alle Modelle (Ausschließlich Modelle WW966 - WW967 - WW968 - WW966C - WW967C - WW968C - W200 W204 - W14200 - W16180) sind mit eingebautem automatischem Druckregulventil typ "H" und "K" lieferbar (rechts).

Todos los modelos (excepto modelos WW966 - WW967 - WW968 - WW966C - WW967C - WW968C - W200 - W204 W14200 - W16180) pueden venir equipados con regulador automatico de presión incorporado (a la derecha), de tipo "H" y "K".

Tutti i modelli (esclusi WW966 - WW967 - WW968 - WW966C - WW967C - WW968C - W200 - W204 - W14200 W16180) possono essere forniti con valvola di regolazione automatica incorporata di tipo "H" o di tipo "K" (a destra).

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min      GPM<br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |      |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |     | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|------|------|------------------------------------------------|---------------------------------------------------------------------|-----|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| W150                                                                       | 8                                                                                       | 2.11 | 150                                                                               | 15   | 2175 | 1450                                           | 2,20                                                                | 3   | 7,9                                              | G1/2F                                            | G3/8F                                           | 225x223x121                                                              |
| W130                                                                       | 9,5                                                                                     | 2.5  | 130                                                                               | 13   | 1885 |                                                | 2,20                                                                | 3   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W170                                                                       | 9,5                                                                                     | 2.5  | 170                                                                               | 17   | 2465 |                                                | 2,94                                                                | 4   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W112                                                                       | 12                                                                                      | 3.17 | 100                                                                               | 10   | 1450 |                                                | 2,20                                                                | 3   | 7,7                                              | G1/2F                                            | G3/8F                                           |                                                                          |
| W140                                                                       | 12                                                                                      | 3.17 | 140                                                                               | 14   | 2030 |                                                | 2,94                                                                | 4   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W200                                                                       | 12                                                                                      | 3.17 | 200                                                                               | 20   | 2900 |                                                | 4,41                                                                | 6   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W97                                                                        | 14                                                                                      | 3.69 | 90                                                                                | 9    | 1300 |                                                | 2,20                                                                | 3   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W124                                                                       | 14                                                                                      | 3.69 | 120                                                                               | 12   | 1750 |                                                | 2,94                                                                | 4   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W154                                                                       | 14                                                                                      | 3.69 | 150                                                                               | 15   | 2175 |                                                | 4,04                                                                | 5,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W204                                                                       | 14                                                                                      | 3.69 | 200                                                                               | 20   | 2900 |                                                | 5,37                                                                | 7,3 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W950                                                                       | 9,5                                                                                     | 2.5  | 165                                                                               | 16,5 | 2400 | 1750                                           | 2,94                                                                | 4   | 7,9                                              | G1/2F                                            | G3/8F                                           | 225x223x121                                                              |
| W951                                                                       | 11,5                                                                                    | 3.04 | 103                                                                               | 10,3 | 1500 |                                                | 2,20                                                                | 3   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W952                                                                       | 11,5                                                                                    | 3.04 | 138                                                                               | 13,8 | 2000 |                                                | 2,94                                                                | 4   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W953                                                                       | 11,5                                                                                    | 3.04 | 172                                                                               | 17,2 | 2500 |                                                | 3,67                                                                | 5   | 7,7                                              | G1/2F                                            | G3/8F                                           |                                                                          |
| W954                                                                       | 13,6                                                                                    | 3.6  | 90                                                                                | 9    | 1300 |                                                | 2,20                                                                | 3   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W955                                                                       | 13,6                                                                                    | 3.6  | 117                                                                               | 11,7 | 1700 |                                                | 2,94                                                                | 4   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W956                                                                       | 13,6                                                                                    | 3.6  | 145                                                                               | 14,5 | 2100 |                                                | 3,67                                                                | 5   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W14200                                                                     | 13,6                                                                                    | 3.6  | 200                                                                               | 20   | 2900 |                                                | 5,14                                                                | 7   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W957                                                                       | 15,9                                                                                    | 4.2  | 76                                                                                | 7,6  | 1100 |                                                | 2,20                                                                | 3   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W958                                                                       | 15,9                                                                                    | 4.2  | 96                                                                                | 9,6  | 1400 |                                                | 2,94                                                                | 4   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W959                                                                       | 15,9                                                                                    | 4.2  | 124                                                                               | 12,4 | 1800 |                                                | 3,67                                                                | 5   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| W16180                                                                     | 15,9                                                                                    | 4.2  | 180                                                                               | 18   | 2610 |                                                | 5,51                                                                | 7,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW186                                                                      | 13                                                                                      | 3.43 | 180                                                                               | 18   | 2610 | 2800                                           | 4,04                                                                | 3,3 | 7,9                                              | G1/2F                                            | G3/8F                                           | 225x223x121                                                              |
| WW206                                                                      | 13                                                                                      | 3.43 | 200                                                                               | 20   | 2900 |                                                | 5,51                                                                | 3,7 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW116                                                                      | 15                                                                                      | 3.96 | 110                                                                               | 11   | 1600 |                                                | 2,94                                                                | 4,7 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW156                                                                      | 15                                                                                      | 3.96 | 150                                                                               | 15   | 2175 |                                                | 4,04                                                                | 5,1 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW209                                                                      | 15                                                                                      | 3.96 | 200                                                                               | 20   | 2900 |                                                | 5,51                                                                | 6,1 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW189                                                                      | 16                                                                                      | 4.22 | 180                                                                               | 18   | 2610 |                                                | 5,51                                                                | 6,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW136                                                                      | 17                                                                                      | 4.5  | 130                                                                               | 13   | 1885 |                                                | 4,04                                                                | 5,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW176                                                                      | 17                                                                                      | 4.5  | 170                                                                               | 17   | 2465 |                                                | 5,51                                                                | 7,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW966                                                                      | 11                                                                                      | 2.9  | 250                                                                               | 25   | 3625 | 3400                                           | 5,51                                                                | 7,5 | 8,7                                              | G1/2F                                            | G3/8F                                           | 225x223x121                                                              |
| WW967                                                                      | 13                                                                                      | 3.43 | 250                                                                               | 25   | 3625 |                                                | 6,25                                                                | 8,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW960                                                                      | 13,2                                                                                    | 3.48 | 172                                                                               | 17,2 | 2500 |                                                | 4,04                                                                | 5,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW961                                                                      | 15                                                                                      | 3.96 | 172                                                                               | 17,2 | 2500 |                                                | 4,77                                                                | 6,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW968                                                                      | 15                                                                                      | 3.96 | 250                                                                               | 25   | 3600 |                                                | 7,35                                                                | 10  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| WW962                                                                      | 17,4                                                                                    | 4.6  | 172                                                                               | 17,2 | 2500 |                                                | 5,51                                                                | 7,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |

Inlet - Outlet: the dimensions shown are referred to the pump without valve / Entrée - Sortie: Les dimensions indiquées se réfèrent à la pompe sans régulateur / Eingang - Ausgang: Die angegebenen Maße beziehen sich auf die Pumpe ohne Druckregelventil / Entrada - Salida: Las dimensiones indicadas se refieren a la bomba sin regulador / Entrata - Uscita: Le misure indicate sono riferite alla pompa senza valvola

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min | GPM<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp |
|----------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|
|----------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|

|         |      |      |     |      |      |      |      |     |
|---------|------|------|-----|------|------|------|------|-----|
| W950A   | 9,5  | 2.5  | 165 | 16,5 | 2400 | 1750 | 2,94 | 4   |
| W951A   | 11,5 | 3.04 | 103 | 10,3 | 1500 |      | 2,20 | 3   |
| W952A   | 11,5 | 3.04 | 138 | 13,8 | 2000 |      | 2,94 | 4   |
| W953A   | 11,5 | 3.04 | 172 | 17,2 | 2500 |      | 3,67 | 5   |
| W954A   | 13,6 | 3.6  | 90  | 9    | 1300 |      | 2,20 | 3   |
| W955A   | 13,6 | 3.6  | 117 | 11,7 | 1700 |      | 2,94 | 4   |
| W956A   | 13,6 | 3.6  | 145 | 14,5 | 2100 |      | 3,67 | 5   |
| W14200A | 13,6 | 3.6  | 200 | 20   | 2900 |      | 5,14 | 7   |
| W957A   | 15,9 | 4.2  | 76  | 7,6  | 1100 |      | 2,20 | 3   |
| W958A   | 15,9 | 4.2  | 96  | 9,6  | 1400 |      | 2,94 | 4   |
| W959A   | 15,9 | 4.2  | 124 | 12,4 | 1800 |      | 3,67 | 5   |
| W16180A | 15,9 | 4.2  | 180 | 18   | 2610 |      | 5,51 | 7,5 |

## 44 series A Version

For electric motor NEMA 184 TC  
Pour moteur électrique NEMA 184 TC  
Für Elektromotor NEMA 184 TC  
Para motor eléctrico NEMA 184 TC  
Per motore elettrico NEMA 184 TC

|       |     |      |     |    |      |      |      |     |
|-------|-----|------|-----|----|------|------|------|-----|
| W150B | 8   | 2.11 | 150 | 15 | 2175 | 1450 | 2,20 | 3   |
| W130B | 9,5 | 2.5  | 130 | 13 | 1885 |      | 2,20 | 3   |
| W170B | 9,5 | 2.5  | 170 | 17 | 2465 |      | 2,94 | 4   |
| W112B | 12  | 3.17 | 100 | 10 | 1450 |      | 2,20 | 3   |
| W140B | 12  | 3.17 | 140 | 14 | 2030 |      | 2,94 | 4   |
| W200B | 12  | 3.17 | 200 | 20 | 2900 |      | 4,41 | 6   |
| W97B  | 14  | 3.69 | 90  | 9  | 1300 |      | 2,20 | 3   |
| W124B | 14  | 3.69 | 120 | 12 | 1750 |      | 2,94 | 4   |
| W154B | 14  | 3.69 | 150 | 15 | 2175 |      | 4,04 | 5,5 |
| W204B | 14  | 3.69 | 200 | 20 | 200  |      | 5,37 | 7,3 |

## 44 series B Version

For electric motor IEC 100-112 B14  
Pour moteur électrique IEC 100-112 B14  
Für Elektromotor IEC 100-112 B14  
Para motor eléctrico IEC 100-112 B14  
Per motore elettrico IEC 100-112 B14

|        |    |      |     |    |      |      |      |     |
|--------|----|------|-----|----|------|------|------|-----|
| WW186B | 13 | 3.43 | 180 | 18 | 2610 | 2800 | 4,04 | 5,5 |
| WW206B | 13 | 3.43 | 200 | 20 | 2900 |      | 5,51 | 7,5 |
| WW116B | 15 | 3.96 | 110 | 11 | 1600 |      | 2,94 | 4   |
| WW156B | 15 | 3.96 | 150 | 15 | 2175 |      | 4,04 | 5,5 |
| WW209B | 15 | 3.96 | 200 | 20 | 2900 |      | 5,51 | 7,5 |
| WW136B | 17 | 4.5  | 130 | 13 | 1885 |      | 4,04 | 5,5 |
| WW176B | 17 | 4.5  | 170 | 17 | 2465 |      | 5,51 | 7,5 |

|           |      |      |     |      |      |      |      |     |
|-----------|------|------|-----|------|------|------|------|-----|
| WW960C 1" | 13,2 | 3.48 | 172 | 17,2 | 2500 | 3400 | 4,04 | 5,5 |
| WW961C 1" | 15   | 3.96 | 172 | 17,2 | 2500 |      | 4,77 | 6,5 |
| WW962C 1" | 17,4 | 4.6  | 172 | 17,2 | 2500 |      | 5,51 | 7,5 |
| WW966C 1" | 11   | 2.9  | 250 | 25   | 3625 | 3400 | 5,51 | 7,5 |
| WW967C 1" | 13   | 3.43 | 250 | 25   | 3625 |      | 6,25 | 8,5 |
| WW968C 1" | 15   | 3.96 | 250 | 25   | 3625 |      | 7,35 | 10  |

## 44 series C 1" Version

For gasoline engine SAE J 609-B ext. 4  
Pour moteur essence SAE J 609-B ext. 4  
Für Benzinmotor SAE J 609-B ext. 4  
Para motor de gasolina SAE J 609-B ext. 4  
Per motore endotermico SAE J 609-B ext. 4

All models (except for models WW966 - WW967 - WW968 - WW966C - WW967C - WW968C - W200B - W204B - W14200A - W16180A) can be supplied with built-in "H" type and "K" type automatic pressure regulators (right).

Tous les modèles (sauf modèles WW966 - WW967 - WW968 - WW966C - WW967C - WW968C - W200B - W204B - W14200A - W16180A) peuvent être livrés avec régulateur automatique de pression incorporé de la série "H" ou "K" (à droite).

Alle Modelle (Ausschließlich Modelle WW966 - WW967 - WW968 - WW966C - WW967C - WW968C - W200B - W204B - W14200A - W16180A) sind mit eingebautem automatischem Druckreguliertyp "H" und "K" lieferbar (rechts).

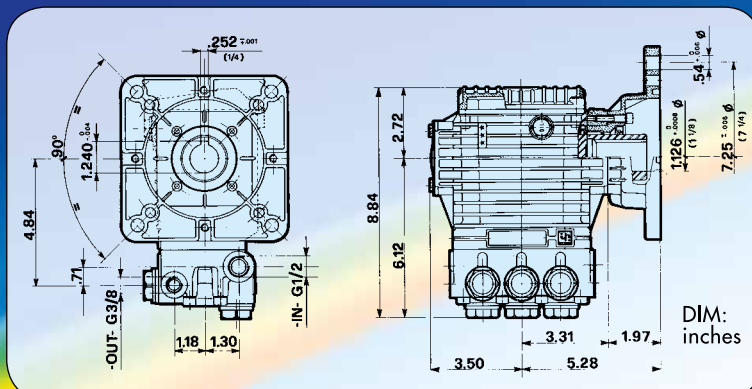
Todos los modelos (excepto modelos WW966 - WW967 - WW968 - WW966C - WW967C - WW968C - W200B - W204B - W14200A - W16180A) pueden venir equipados con regulador automático de presión incorporado, de tipo "H" y "K" (a la derecha).

Tutti i modelli (esclusi WW966 - WW967 - WW968 - WW966C - WW967C - WW968C - W200B - W204B - W14200A - W16180A) possono essere forniti con valvola di regolazione automatica incorporata di tipo "H" o di tipo "K" (a destra).

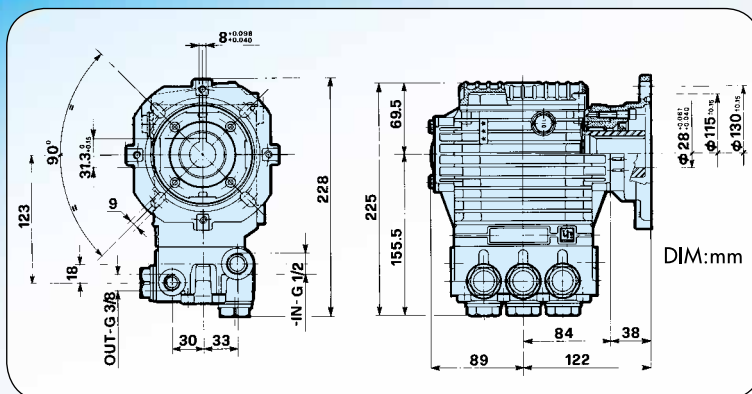
**VERSIONS WITH FLANGE**  
**VERSIONS AVEC BRIDE**  
**AUSFÜHRUNGEN MIT FLANSCH**  
**VERSIONES CON BRIDA**  
**VERSIONI CON FLANGIA**



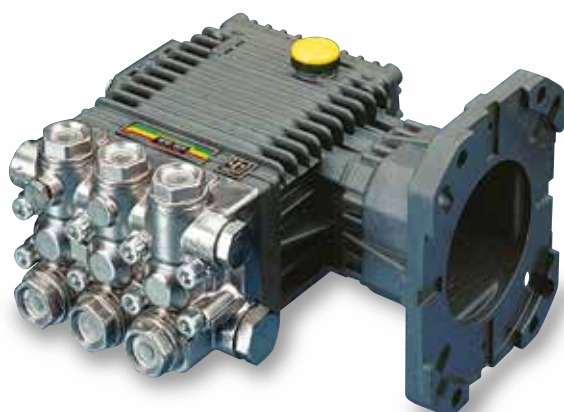
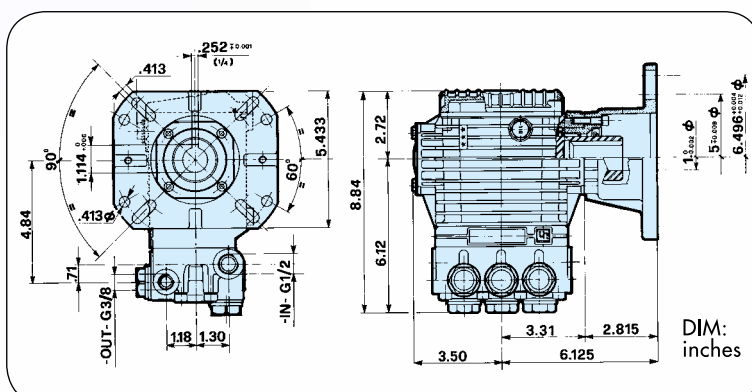
**A Version**



**B Version**



**C 1" Version**



**Brass manifold version**  
**Version culasse laiton**  
**Ausführung Messingkopf**  
**Versión culata latón**  
**Versione testata ottone**

WW960C 1" - WW961C 1"  
 WW962C 1" - WW966C 1"  
 WW967C 1" - WW968C 1"

**Nickel plated brass version**  
**Version culasse laiton nikelée**  
**Ausführung Messingkopf, vernickelt**  
**Versión culata latón niquelado**  
**Versione testata ottone nichelato**

WW966C 1"  
 WW967C 1"  
 WW968C 1"



58 series

# E2 EVOLUTION

STANDARD VERSION



**VH Version**  
Left side built-in  
automatic  
pressure regulator



**VH Version**  
Right side built-in  
automatic  
pressure regulator

- Rails kit available on request, item ZFEET59H22
- Kit pieds disponible sur requête, code ZFEET59H22
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET59H22
- Kit pies disponible bajo pedido, código ZFEET59H22
- Kit piedi disponibile su richiesta, codice ZFEET59H22



# 58 series

# E2 EVOLUTION

All models can be supplied with built-in "H" type automatic pressure regulator (left or right).

Tous les modèles peuvent être livrés avec régulateur automatique de pression incorporé de la série "H" (à droite ou à gauche).

Alle Modelle sind mit eingebautem automatischem Druckreguliertyp "H" lieferbar (rechts oder links).

Todos los modelos pueden venir equipados con regulador automático de presión incorporado, de tipo "H" (a la derecha o a la izquierda).

Tutti i modelli possono essere forniti con valvola di regolazione automatica incorporata di tipo "H" (a destra o a sinistra).

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa                           | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>G.P.M.<br>(U.S.A.)<br>l/min |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. |      |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp |      | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------|------|------|------------------------------------------------|----------------------------------------------------------------|------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| E2B2008                                                                                              | 7,5                                                                                      | 1.98 | 200                                                                         | 20   | 2900 | 1450                                           | 2,87                                                           | 3,9  | 7                                                | G1/2F                                            | G3/8F                                           | 242x215x122                                                              |
| E2B2010                                                                                              | 10                                                                                       | 2.64 | 200                                                                         | 20   | 2900 |                                                | 3,82                                                           | 5,2  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2B1711                                                                                              | 11                                                                                       | 2.90 | 170                                                                         | 17   | 2465 |                                                | 3,60                                                           | 4,9  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2B1712                                                                                              | 12                                                                                       | 3.17 | 170                                                                         | 17   | 2465 |                                                | 3,90                                                           | 5,3  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2B1713                                                                                              | 13                                                                                       | 3.43 | 170                                                                         | 17   | 2465 |                                                | 4,19                                                           | 5,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2B2014                                                                                              | 14                                                                                       | 3.69 | 200                                                                         | 20   | 2900 |                                                | 5,37                                                           | 7,3  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2B2015 (*)                                                                                          | 15                                                                                       | 3.96 | 200                                                                         | 20   | 2900 |                                                | 5,44                                                           | 7,4  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2B1618                                                                                              | 18                                                                                       | 4.76 | 160                                                                         | 16   | 2320 |                                                | 5,50                                                           | 7,4  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| (*) Nickel plated head / Culasse nickelée / Vernickelter Kopf / Culata niquelada / Testata nichelata |                                                                                          |      |                                                                             |      |      |                                                |                                                                |      |                                                  |                                                  |                                                 |                                                                          |
| E2B2808                                                                                              | 7,5                                                                                      | 1.98 | 275                                                                         | 27,5 | 4000 | 1450                                           | 3,97                                                           | 5,4  | 7                                                | G1/2F                                            | G3/8F                                           | 242x215x122                                                              |
| E2C2109                                                                                              | 9                                                                                        | 2.38 | 210                                                                         | 21   | 3045 | 1750                                           | 3,60                                                           | 4,9  | 7                                                | G1/2F                                            | G3/8F                                           | 242x215x122                                                              |
| E2C2111                                                                                              | 11                                                                                       | 2.90 | 210                                                                         | 21   | 3045 |                                                | 4,41                                                           | 6    |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2C2112                                                                                              | 12                                                                                       | 3.17 | 210                                                                         | 21   | 3045 |                                                | 4,78                                                           | 6,5  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2C1713                                                                                              | 13                                                                                       | 3.43 | 170                                                                         | 17   | 2465 |                                                | 4,19                                                           | 5,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2C1714                                                                                              | 14                                                                                       | 3.69 | 170                                                                         | 17   | 2465 |                                                | 4,56                                                           | 6,2  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2C2015                                                                                              | 15                                                                                       | 3.96 | 200                                                                         | 20   | 2900 |                                                | 5,44                                                           | 7,4  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2C2016                                                                                              | 16                                                                                       | 4.22 | 200                                                                         | 20   | 2900 |                                                | 6,10                                                           | 8,3  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2C2809                                                                                              | 9                                                                                        | 2.38 | 275                                                                         | 27,5 | 4000 | 1750                                           | 4,71                                                           | 6,4  | 7                                                | G1/2F                                            | G3/8F                                           | 242x215x122                                                              |
| E2D2010                                                                                              | 9,5                                                                                      | 2.50 | 200                                                                         | 20   | 2900 | 2800                                           | 3,60                                                           | 4,9  | 7                                                | G1/2F                                            | G3/8F                                           | 242x215x122                                                              |
| E2D2011                                                                                              | 11                                                                                       | 2.90 | 200                                                                         | 20   | 2900 |                                                | 4,19                                                           | 5,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2D2013                                                                                              | 13                                                                                       | 3.43 | 200                                                                         | 20   | 2900 |                                                | 5,00                                                           | 6,8  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2D2015                                                                                              | 15                                                                                       | 3.96 | 200                                                                         | 20   | 2900 |                                                | 5,74                                                           | 7,8  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2D2016                                                                                              | 16                                                                                       | 4.22 | 200                                                                         | 20   | 2900 |                                                | 6,10                                                           | 8,3  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2D2810                                                                                              | 10                                                                                       | 2.64 | 275                                                                         | 27,5 | 4000 | 2800                                           | 5,22                                                           | 7,1  | 7                                                | G1/2F                                            | G3/8F                                           | 242x215x122                                                              |
| E2D2811                                                                                              | 11                                                                                       | 2.90 | 275                                                                         | 27,5 | 4000 |                                                | 5,81                                                           | 7,9  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2D2812                                                                                              | 12                                                                                       | 3.17 | 275                                                                         | 27,5 | 4000 |                                                | 6,32                                                           | 8,6  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2D2813                                                                                              | 13                                                                                       | 3.43 | 275                                                                         | 27,5 | 4000 |                                                | 6,84                                                           | 9,3  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2E2108                                                                                              | 8                                                                                        | 2.11 | 210                                                                         | 21   | 3045 | 3400                                           | 3,24                                                           | 4,4  | 7                                                | G1/2F                                            | G3/8F                                           | 242x215x122                                                              |
| E2E2111                                                                                              | 11                                                                                       | 2.90 | 210                                                                         | 21   | 3045 |                                                | 4,41                                                           | 6    |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2E2113                                                                                              | 13                                                                                       | 3.43 | 210                                                                         | 21   | 3045 |                                                | 5,22                                                           | 7,1  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2E2116                                                                                              | 16                                                                                       | 4.22 | 210                                                                         | 21   | 3045 |                                                | 6,40                                                           | 8,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2E2808                                                                                              | 8                                                                                        | 2.11 | 275                                                                         | 27,5 | 4000 | 3400                                           | 4,19                                                           | 5,7  | 7                                                | G1/2F                                            | G3/8F                                           | 242x215x122                                                              |
| E2E2810                                                                                              | 10                                                                                       | 2.64 | 275                                                                         | 27,5 | 4000 |                                                | 5,22                                                           | 7,1  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2E2812                                                                                              | 12                                                                                       | 3.17 | 275                                                                         | 27,5 | 4000 |                                                | 6,32                                                           | 8,6  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2E2813                                                                                              | 13                                                                                       | 3.43 | 275                                                                         | 27,5 | 4000 |                                                | 6,84                                                           | 9,3  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E2E2815                                                                                              | 15                                                                                       | 3.96 | 275                                                                         | 27,5 | 4000 |                                                | 7,87                                                           | 10,7 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |

Inlet - Outlet: the dimensions shown are referred to the pump without valve / Entrée - Sortie: Les dimensions indiquées se réfèrent à la pompe sans régulateur / Eingang - Ausgang: Die angegebenen Maße beziehen sich auf die Pumpe ohne Druckregulventil / Entrada - Salida: Las dimensiones indicadas se refieren a la bomba sin regulador / Entrata - Uscita: Le misure indicate sono riferite alla pompa senza valvola

# E2 EVOLUTION

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min |                 | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp |     |
|----------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------|----|------|------------------------------------------------|----------------------------------------------------------------|-----|
|                                                                            |                                                                    | GPM<br>(U.S.A.) |                                                                             |    |      |                                                |                                                                |     |
| E2C2109A                                                                   | 9                                                                  | 2.38            | 210                                                                         | 21 | 3045 | 1750                                           | 3,60                                                           | 4,9 |
| E2C2111A                                                                   | 11                                                                 | 2.90            | 210                                                                         | 21 | 3045 |                                                | 4,41                                                           | 6   |
| E2C1713A                                                                   | 13                                                                 | 3.43            | 170                                                                         | 17 | 2465 |                                                | 4,19                                                           | 5,7 |
| E2C1714A                                                                   | 14                                                                 | 3.69            | 170                                                                         | 17 | 2465 |                                                | 4,56                                                           | 6,2 |
| E2C1715A                                                                   | 15                                                                 | 3.96            | 170                                                                         | 17 | 2465 |                                                | 4,85                                                           | 6,6 |

## 58 series A Version

For electric motor NEMA 184 TC  
Pour moteur électrique NEMA 184 TC  
Für Elektromotor NEMA 184 TC  
Para motor eléctrico NEMA 184 TC  
Per motore elettrico NEMA 184 TC

|               |     |      |     |      |      |      |      |     |
|---------------|-----|------|-----|------|------|------|------|-----|
| E2B2008B      | 7,5 | 1.98 | 200 | 20   | 2900 | 1450 | 2,87 | 3,9 |
| E2B2010B      | 10  | 2.64 | 200 | 20   | 2900 |      | 3,82 | 5,2 |
| E2B1711B      | 11  | 2.90 | 170 | 17   | 2465 |      | 3,60 | 4,9 |
| E2B1712B      | 12  | 3.17 | 170 | 17   | 2465 |      | 3,90 | 5,3 |
| E2B1713B      | 13  | 3.43 | 170 | 17   | 2465 |      | 4,19 | 5,7 |
| E2B2014B      | 14  | 3.69 | 200 | 20   | 2900 |      | 5,37 | 7,3 |
| E2B2808B      | 7,5 | 1.98 | 275 | 27,5 | 4000 | 1450 | 3,97 | 5,4 |
| E2D2010B      | 9,5 | 2.50 | 200 | 20   | 2900 | 2800 | 3,60 | 4,9 |
| E2D2011B      | 11  | 2.90 | 200 | 20   | 2900 |      | 4,19 | 5,7 |
| E2D2013B      | 13  | 3.43 | 200 | 20   | 2900 |      | 5,00 | 6,8 |
| E2D2015B      | 15  | 3.96 | 200 | 20   | 2900 |      | 5,74 | 7,8 |
| E2D2016B      | 16  | 4.22 | 200 | 20   | 2900 |      | 6,10 | 8,3 |
| E2D2810B      | 10  | 2.64 | 275 | 27,5 | 4000 | 2800 | 5,22 | 7,1 |
| E2D2811B      | 11  | 2.90 | 275 | 27,5 | 4000 |      | 5,81 | 7,9 |
| E2D2812B      | 12  | 3.17 | 275 | 27,5 | 4000 |      | 6,32 | 8,6 |
| E2D2813B      | 13  | 3.43 | 275 | 27,5 | 4000 |      | 6,84 | 9,3 |
| E2E2108C 3/4" | 8   | 2.11 | 210 | 21   | 3045 | 3400 | 3,24 | 4,4 |
| E2E2111C 3/4" | 11  | 2.90 | 210 | 21   | 3045 |      | 4,41 | 6   |
| E2E2113C 3/4" | 13  | 3.43 | 210 | 21   | 3045 |      | 5,22 | 7,1 |

## 58 series B Version

For electric motor IEC 100-112 B14  
Pour moteur électrique IEC 100-112 B14  
Für Elektromotor IEC 100-112 B14  
Para motor eléctrico IEC 100-112 B14  
Per motore elettrico IEC 100-112 B14

## 58 series C 3/4" Version

For gasoline engine SAE J 609-B ext. 3  
Pour moteur essence SAE J 609-B ext. 3  
Für Benzinmotor SAE J 609-B ext. 3  
Para motor de gasolina SAE J 609-B ext. 3  
Per motore endotermico SAE J 609-B ext. 3

|             |    |      |     |      |      |      |      |      |
|-------------|----|------|-----|------|------|------|------|------|
| E2E2111C 1" | 11 | 2.90 | 210 | 25   | 3045 | 3400 | 4,41 | 6    |
| E2E2113C 1" | 13 | 3.43 | 210 | 25   | 3045 |      | 5,22 | 7,1  |
| E2E2114C 1" | 14 | 3.69 | 210 | 25   | 3045 |      | 5,59 | 7,6  |
| E2E2116C 1" | 16 | 4.22 | 210 | 25   | 3045 |      | 6,40 | 8,7  |
| E2E2808C 1" | 8  | 2.11 | 275 | 27,5 | 4000 | 3400 | 4,19 | 5,7  |
| E2E2810C 1" | 10 | 2.64 | 275 | 27,5 | 4000 |      | 5,22 | 7,1  |
| E2E2811C 1" | 11 | 2.90 | 275 | 27,5 | 4000 |      | 5,81 | 7,9  |
| E2E2812C 1" | 12 | 3.17 | 275 | 27,5 | 4000 |      | 6,32 | 8,6  |
| E2E2813C 1" | 13 | 3.43 | 275 | 27,5 | 4000 |      | 6,84 | 9,3  |
| E2E2815C 1" | 15 | 3.96 | 275 | 27,5 | 4000 |      | 7,87 | 10,7 |

## 58 series C 1" Version

For gasoline engine SAE J 609-B ext. 4  
Pour moteur essence SAE J 609-B ext. 4  
Für Benzinmotor SAE J 609-B ext. 4  
Para motor de gasolina SAE J 609-B ext. 4  
Per motore endotermico SAE J 609-B ext. 4

All models can be supplied with built-in "H" type automatic pressure regulator (left or right).

Tous les modèles peuvent être livrés avec régulateur automatique incorporé de la série "H", (à droite ou à gauche).

Alle Modelle sind mit eingebautem automatischem Druckreguliertyp "H" lieferbar (rechts oder links).

Todos los modelos pueden venir equipados con regulador automático de presión incorporado, de tipo "H" (a la derecha o a la izquierda).

Tutti i modelli possono essere forniti con valvola di regolazione automatica incorporata (a destra o a sinistra).



**A Version**



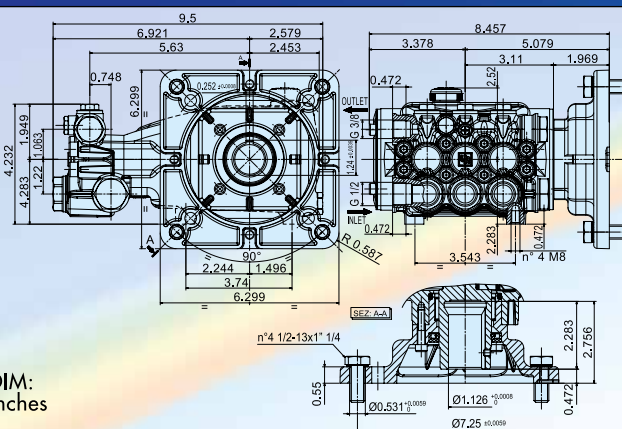
**B Version**



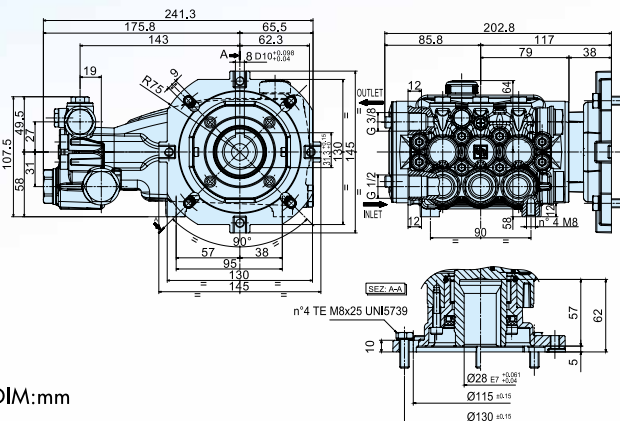
**C 3/4" Version**



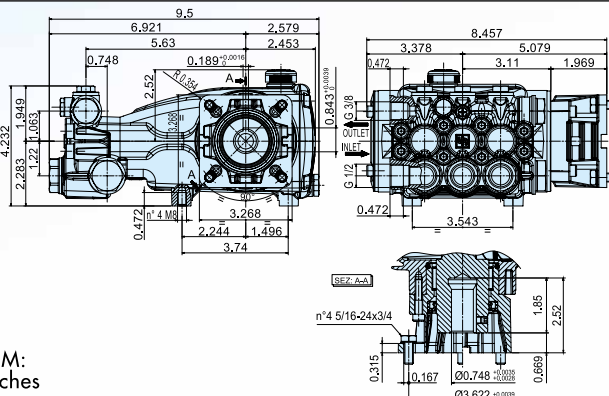
**C 1" Version**



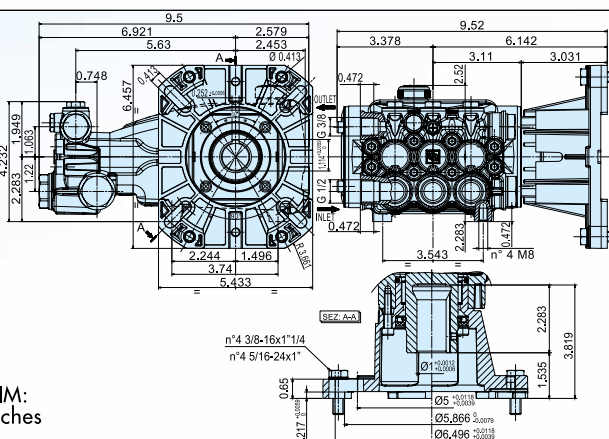
DIM:  
inches



DIM:mm



DIM:  
inches



DIM:  
inches



59 series

**E3 EVOLUTION**



**BRASS VERSION**



**E3 - VH Version**

- Rails kit available on request, item ZFEET59H22
- Kit pieds disponible sur requête, code ZFEET59H22
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET59H22
- Kit pies disponible bajo pedido, código ZFEET59H22
- Kit piedi disponibile su richiesta, codice ZFEET59H22

# E3 EVOLUTION

All models can be supplied with built-in "H" type automatic pressure regulator (left or right).

Tous les modèles peuvent être livrés avec régulateur automatique de pression incorporé de la série "H" (à droite ou à gauche).

Alle Modelle sind mit eingebautem automatischem Druckreguliertyp "H" lieferbar (rechts oder links).

Todos los modelos pueden venir equipados con regulador automatico de presión incorporado, de tipo "H" (a la derecha o a la izquierda).

Tutti i modelli possono essere forniti con valvola di regolazione automatica incorporata di tipo "H" (a destra o a sinistra).

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min <b>GPM</b><br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |     | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|----|------|------------------------------------------------|---------------------------------------------------------------------|-----|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| E3A1713                                                                    | 13                                                                                        | 3.43 | 170                                                                               | 17 | 2465 | 1000                                           | 4,19                                                                | 5,7 | 9,5                                              | G1/2F                                            | G3/8F                                           | 265x223x136                                                              |
| E3A1515                                                                    | 14,5                                                                                      | 3.83 | 150                                                                               | 15 | 2175 |                                                | 4,12                                                                | 5,6 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3B1911                                                                    | 11                                                                                        | 2.91 | 190                                                                               | 19 | 2755 | 1450                                           | 3,97                                                                | 5,4 | 9,5                                              | G1/2F                                            | G3/8F                                           | 265x223x136                                                              |
| E3B1713                                                                    | 13                                                                                        | 3.43 | 170                                                                               | 17 | 2465 |                                                | 4,19                                                                | 5,7 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3B1515                                                                    | 15                                                                                        | 3.96 | 150                                                                               | 15 | 2175 |                                                | 4,26                                                                | 5,8 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3B1218                                                                    | 18                                                                                        | 4.76 | 120                                                                               | 12 | 1750 |                                                | 4,12                                                                | 5,6 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3B1021                                                                    | 21                                                                                        | 5.55 | 100                                                                               | 10 | 1450 |                                                | 4,04                                                                | 5,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3C1713                                                                    | 13                                                                                        | 3.43 | 170                                                                               | 17 | 2465 | 1750                                           | 4,19                                                                | 5,7 | 9,5                                              | G1/2F                                            | G3/8F                                           | 265x223x136                                                              |
| E3C1515                                                                    | 15                                                                                        | 3.96 | 150                                                                               | 15 | 2175 |                                                | 4,26                                                                | 5,8 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3C1218                                                                    | 18                                                                                        | 4.76 | 120                                                                               | 12 | 1750 |                                                | 4,12                                                                | 5,6 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3C1021                                                                    | 21                                                                                        | 5.55 | 100                                                                               | 10 | 1450 |                                                | 4,04                                                                | 5,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |

**Inlet - Outlet:** the dimensions shown are referred to the pump without valve / **Entrée - Sortie:** Les dimensions indiquées se réfèrent à la pompe sans régulateur / **Eingang - Ausgang:** Die angegebenen Maße beziehen sich auf die Pumpe ohne Druckregelventil / **Entrada - Salida:** Las dimensiones indicadas se refieren a la bomba sin regulador / **Entrata - Uscita:** Le misure indicate sono riferite alla pompa senza valvola



59 series

NICKEL PLATED VERSION



### E3 - VH Version

- **Rails kit** available on request, item ZFEET59H22
- **Kit pieds** disponible sùr requête, code ZFEET59H22
- **Kit FüÙÙe** lieferbar auf Wunsch, Art. ZFEET59H22
- **Kit pies** disponible bajo pedido, código ZFEET59H22
- **Kit piedi** disponibile su richiesta, codice ZFEET59H22

# E3 EVOLUTION

All models can be supplied with built-in "H" type automatic pressure regulator (right).

Tous les modèles peuvent être livrés avec régulateur automatique de pression incorporé de la série "H" (à droite).

Alle Modelle sind mit eingebautem automatischem Druckreguliertyp "H" lieferbar (rechts).

Todos los modelos pueden venir equipados con regulador automatico de presión incorporado, de tipo "H" (a la derecha).

Tutti i modelli possono essere forniti con valvola di regolazione automatica incorporata di tipo "H" (a destra).

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min      GPM<br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |      |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |       | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|------|------|------------------------------------------------|---------------------------------------------------------------------|-------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| E3A2113                                                                    | 13                                                                                      | 3.43 | 210                                                                               | 21   | 3045 | 1000                                           | 5,22                                                                | 7,1   | 9,5                                              | G1/2F                                            | G3/8F                                           | 265x223x136                                                              |
| E3A2115                                                                    | 14,5                                                                                    | 3.83 | 210                                                                               | 21   | 3045 |                                                | 5,81                                                                | 7,9   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3B2511                                                                    | 11                                                                                      | 2.91 | 250                                                                               | 25   | 3625 | 1450                                           | 5,22                                                                | 7,1   | 9,5                                              | G1/2F                                            | G3/8F                                           | 265x223x136                                                              |
| E3B2513                                                                    | 13                                                                                      | 3.43 | 250                                                                               | 25   | 3625 |                                                | 6,18                                                                | 8,4   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3B2515                                                                    | 15                                                                                      | 3.96 | 250                                                                               | 25   | 3625 |                                                | 7,13                                                                | 9,7   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3B2118                                                                    | 18                                                                                      | 4.76 | 210                                                                               | 21   | 3045 |                                                | 7,21                                                                | 9,8   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3B2121                                                                    | 21                                                                                      | 5.55 | 210                                                                               | 21   | 3045 |                                                | 8,46                                                                | 11,5  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3C2513                                                                    | 13                                                                                      | 3.43 | 250                                                                               | 25   | 3625 | 1750                                           | 6,18                                                                | 8,4   | 9,5                                              | G1/2F                                            | G3/8F                                           | 265x223x136                                                              |
| E3C2515                                                                    | 15                                                                                      | 3.96 | 250                                                                               | 25   | 3625 |                                                | 7,13                                                                | 9,7   |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3C2518                                                                    | 18                                                                                      | 4.76 | 250                                                                               | 25   | 3625 |                                                | 8,60                                                                | 11,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3C2521                                                                    | 21                                                                                      | 5.55 | 250                                                                               | 25   | 3625 |                                                | 10,00                                                               | 13,6  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3E2813                                                                    | 13                                                                                      | 3.43 | 275                                                                               | 27,5 | 4000 | 3400                                           | 6,84                                                                | 9,3   | 9,5                                              | G1/2F                                            | G3/8F                                           | 265x223x136                                                              |
| E3E2815                                                                    | 15                                                                                      | 3.96 | 275                                                                               | 27,5 | 4000 |                                                | 7,87                                                                | 10,7  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3E2517                                                                    | 17                                                                                      | 4.49 | 250                                                                               | 25   | 3625 |                                                | 8,09                                                                | 11,01 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| E3E2520                                                                    | 20                                                                                      | 5.28 | 250                                                                               | 25   | 3625 |                                                | 9,56                                                                | 13,0  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |

Inlet - Outlet: the dimensions shown are referred to the pump without valve / Entrée - Sortie: Les dimensions indiquées se réfèrent à la pompe sans régulateur / Eingang - Ausgang: Die angegebenen Maße beziehen sich auf die Pumpe ohne Druckregulventil / Entrada - Salida: Las dimensiones indicadas se refieren a la bomba sin regulador / Entrata - Uscita: Le misure indicate sono riferite alla pompa senza valvola

## VERSION WITH FLANGE / VERSION AVEC BRIDE

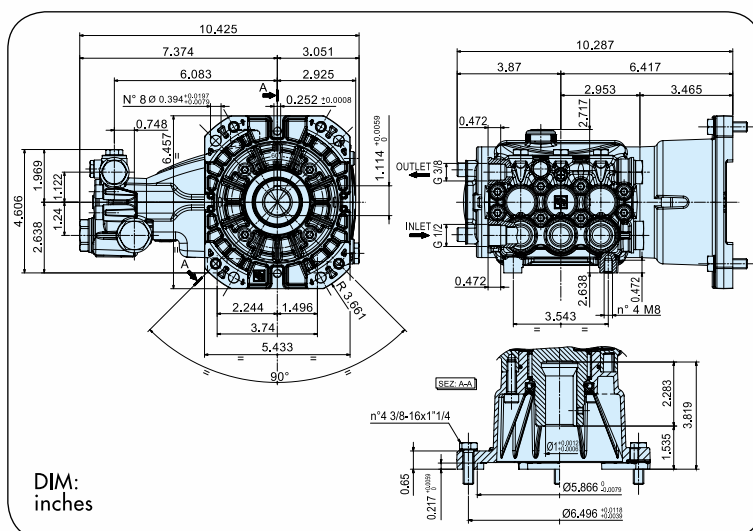
## AUSFÜHRUNG MIT FLANSCH / VERSION CON BRIDA / VERSIONE CON FLANGIA

|             |    |      |     |      |      |      |      |       |
|-------------|----|------|-----|------|------|------|------|-------|
| E3E2813C 1" | 13 | 3.43 | 275 | 27,5 | 4000 | 3400 | 6,84 | 9,3   |
| E3E2815C 1" | 15 | 3.96 | 275 | 27,5 | 4000 |      | 7,87 | 10,7  |
| E3E2517C 1" | 17 | 4.49 | 250 | 25   | 3625 |      | 8,09 | 11,01 |
| E3E2520C 1" | 20 | 5.28 | 250 | 25   | 3625 |      | 9,56 | 13,0  |

For gasoline engine SAE J609-B ext. 4  
Pour moteur essence SAE J609-B ext. 4  
Für Benzinmotor SAE J609-B ext. 4  
Para motor de gasolina SAE J609-B ext. 4  
Per motore endotermico SAE J609-B ext. 4



C 1" Version





# 47 series



- Rails kit available on request, item ZFEET47H30
- Kit pieds disponible sur requête, code ZFEET47H30
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET47H30
- Kit pies disponible bajo pedido, código ZFEET47H30
- Kit piedi disponibile su richiesta, codice ZFEET47H30

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min <b>GPM</b><br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |     | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|----|------|------------------------------------------------|---------------------------------------------------------------------|-----|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| <b>W131</b>                                                                | 15                                                                                        | 3.96 | 130                                                                               | 13 | 1885 | <b>1000</b>                                    | 4,04                                                                | 5,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 318x236x150                                                              |
| <b>W151</b>                                                                | 15                                                                                        | 3.96 | 150                                                                               | 15 | 2175 |                                                | 4,04                                                                | 5,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 318x236x150                                                              |
| <b>W132</b>                                                                | 18                                                                                        | 4.75 | 130                                                                               | 13 | 1885 |                                                | 4,04                                                                | 5,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 318x236x150                                                              |
| <b>WS171</b>                                                               | 13                                                                                        | 3.43 | 170                                                                               | 17 | 2465 | <b>1450</b>                                    | 4,04                                                                | 5,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 318x236x150                                                              |
| <b>WS131</b>                                                               | 15                                                                                        | 3.96 | 130                                                                               | 13 | 1885 |                                                | 4,04                                                                | 5,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 318x236x150                                                              |
| <b>WS151 (*)</b>                                                           | 15                                                                                        | 3.96 | 150                                                                               | 15 | 2175 |                                                | 4,04                                                                | 5,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 318x236x150                                                              |
| <b>WS132</b>                                                               | 18,7                                                                                      | 4.94 | 120                                                                               | 12 | 1750 |                                                | 4,04                                                                | 5,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 318x236x150                                                              |
| <b>WS102</b>                                                               | 21                                                                                        | 5.55 | 100                                                                               | 10 | 1450 |                                                | 4,04                                                                | 5,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 318x236x150                                                              |
| <b>W913</b>                                                                | 15                                                                                        | 3.96 | 150                                                                               | 15 | 2175 | <b>1750</b>                                    | 4,04                                                                | 5,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 318x236x150                                                              |
| <b>W914</b>                                                                | 21                                                                                        | 5.55 | 100                                                                               | 10 | 1450 |                                                | 4,04                                                                | 5,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 318x236x150                                                              |



(\*) Available on request in version with double-sided shaft / Disponible sur requête en version avec arbre à double sortie / Auf Wunsch lieferbar in Version mit Doppelwellenausgang / Disponible bajo pedido en versión con doble salida de eje / Disponibile su richiesta in versione con albero a doppia presa di forza

# 47 series



| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min <b>GPM</b><br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |     | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|----|------|------------------------------------------------|---------------------------------------------------------------------|-----|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| <b>W201</b>                                                                | 15                                                                                        | 3.96 | 200                                                                               | 20 | 2900 | <b>1000</b>                                    | 5,51                                                                | 7,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 321x252x146                                                              |
| <b>W162</b>                                                                | 18                                                                                        | 4.75 | 160                                                                               | 16 | 2320 |                                                | 5,51                                                                | 7,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| <b>WS201 (*)</b>                                                           | 15                                                                                        | 3.96 | 200                                                                               | 20 | 2900 | <b>1450</b>                                    | 5,51                                                                | 7,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 321x236x146                                                              |
| <b>WS162 (*)</b>                                                           | 18                                                                                        | 4.75 | 160                                                                               | 16 | 2320 |                                                | 5,51                                                                | 7,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| <b>WS152</b>                                                               | 21                                                                                        | 5.55 | 150                                                                               | 15 | 2175 |                                                | 5,51                                                                | 7,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| <b>WS202</b>                                                               | 21                                                                                        | 5.55 | 200                                                                               | 20 | 2900 |                                                | 7,35                                                                | 10  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| <b>W921</b>                                                                | 15                                                                                        | 3.96 | 200                                                                               | 20 | 2900 | <b>1750</b>                                    | 5,51                                                                | 7,5 | 14,5                                             | G1/2F                                            | G3/8F                                           | 321x236x146                                                              |
| <b>W916</b>                                                                | 18                                                                                        | 4.75 | 160                                                                               | 16 | 2320 |                                                | 5,51                                                                | 7,5 |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |
| <b>W922</b>                                                                | 21                                                                                        | 5.55 | 200                                                                               | 20 | 2900 |                                                | 7,35                                                                | 10  |                                                  | G1/2F                                            | G3/8F                                           |                                                                          |



(\*) Available on request in version with double-sided shaft / Disponible sur requête en version avec arbre à double sortie / Auf Wunsch lieferbar in Version mit Doppelwellenausgang / Disponible bajo pedido en versión con doble salida de eje / Disponibile su richiesta in versione con albero a doppia presa di forza



**WS251**  
**WS252**



**W928**

- Rails kit available on request, item ZFEET47H30
- Kit pieds disponible sur requête, code ZFEET47H30
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET47H30
- Kit pies disponible bajo pedido, código ZFEET47H30
- Kit piedi disponibile su richiesta, codice ZFEET47H30

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min<br>GPM<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|

|              |    |      |     |    |      |      |       |    |      |       |       |             |
|--------------|----|------|-----|----|------|------|-------|----|------|-------|-------|-------------|
| <b>WS251</b> | 15 | 3.96 | 250 | 25 | 3625 | 1450 | 7,35  | 10 | 14,5 | G1/2F | G3/8F | 321x236x146 |
| <b>WS252</b> | 21 | 5.55 | 250 | 15 | 3625 |      | 10,29 | 14 |      | G1/2F | G3/8F |             |

|             |    |      |     |      |      |      |      |      |      |       |       |             |
|-------------|----|------|-----|------|------|------|------|------|------|-------|-------|-------------|
| <b>W928</b> | 15 | 3.96 | 275 | 27,5 | 4000 | 1750 | 8,08 | 11   | 14,5 | G1/2F | G3/8F | 321x236x146 |
| <b>W929</b> | 15 | 3.96 | 275 | 27,5 | 4000 | 1450 | 8,20 | 11,2 | 14,5 | G1/2F | G3/8F | 321x236x146 |
| <b>W929</b> | 19 | 5.00 | 275 | 27,5 | 4000 | 1750 | 10,0 | 13,6 | 14,5 | G1/2F | G3/8F | 321x236x146 |



# 47 series



| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min<br>GPM<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar<br>MPa<br>p.s.i. | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW<br>hp | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|

|            |    |       |     |    |      |      |      |      |    |       |       |             |                                                                                       |
|------------|----|-------|-----|----|------|------|------|------|----|-------|-------|-------------|---------------------------------------------------------------------------------------|
| WS1625     | 25 | 6.60  | 160 | 16 | 2320 | 1450 | 7,72 | 10,5 | 15 | G3/4F | G3/8F | 326x236x150 |  |
| WS1630     | 30 | 7.92  | 160 | 26 | 2320 |      | 9,20 | 12,5 |    | G3/4F | G3/8F | 326x236x150 |                                                                                       |
| NEW WS1036 | 36 | 9.51  | 100 | 10 | 1450 |      | 6,90 | 9,4  |    | G3/4F | G3/8F | 326x236x150 |                                                                                       |
| NEW WS1040 | 40 | 10.56 | 100 | 10 | 1450 |      | 7,65 | 10,4 |    | G3/4F | G3/8F | 326x236x150 |                                                                                       |

|            |    |       |     |    |      |      |       |      |    |       |       |             |                                                                                       |
|------------|----|-------|-----|----|------|------|-------|------|----|-------|-------|-------------|---------------------------------------------------------------------------------------|
| TS1630     | 30 | 7.92  | 160 | 16 | 2320 | 1750 | 9,20  | 12,5 | 15 | G3/4F | G3/8F | 326x236x150 |  |
| TS1636     | 36 | 9.51  | 160 | 16 | 2320 |      | 11,02 | 15   |    | G3/4F | G3/8F | 326x236x150 |                                                                                       |
| NEW TS1044 | 44 | 11.62 | 100 | 10 | 1450 |      | 8,38  | 11,4 |    | G3/4F | G3/8F | 326x236x150 |                                                                                       |
| NEW TS1050 | 50 | 13.21 | 100 | 10 | 1450 |      | 9,56  | 13   |    | G3/4F | G3/8F | 326x236x150 |                                                                                       |



# 66 series



- Rails kit available on request, item ZFEET47H30
- Kit pieds disponible sur requête, code ZFEET47H30
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET47H30
- Kit pies disponible bajo pedido, código ZFEET47H30
- Kit piedi disponibile su richiesta, codice ZFEET47H30

**W1570**

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min<br>GPM<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar<br>MPa<br>p.s.i. | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW<br>hp | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
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|           |      |       |     |      |      |      |       |      |      |       |         |             |                                                                                       |
|-----------|------|-------|-----|------|------|------|-------|------|------|-------|---------|-------------|---------------------------------------------------------------------------------------|
| W3018     | 17,6 | 4.64  | 300 | 30   | 4350 | 1450 | 10,43 | 14   | 18,5 | G3/4F | G3/8F   | 341x243x160 |  |
| W3021 (*) | 21   | 5.55  | 300 | 30   | 4350 |      | 11,8  | 16   |      | G3/4F | G3/8F   |             |                                                                                       |
| W2525 (*) | 25   | 6.6   | 250 | 25   | 3625 |      | 13,23 | 18   |      | G3/4F | G3/8F   |             |                                                                                       |
| W3025 (*) | 25   | 6.6   | 300 | 30   | 4350 |      | 14,7  | 20   |      | G3/4F | G3/8F   |             |                                                                                       |
| W2030 (*) | 30   | 7.92  | 200 | 20   | 2900 |      | 11,02 | 15   |      | G3/4F | G3/8F   |             |                                                                                       |
| W2035     | 35   | 9.25  | 200 | 20   | 2900 |      | 13,23 | 18   |      | G3/4F | G3/8F   |             |                                                                                       |
| W2141     | 41   | 10.83 | 210 | 21   | 3045 |      | 16,17 | 22   |      | G3/4F | G3/8F   |             |                                                                                       |
| W1550 (*) | 50   | 13.21 | 150 | 15   | 2175 |      | 14,7  | 20   |      | G3/4F | G3/8F   |             |                                                                                       |
| W1755     | 55   | 14.50 | 172 | 17,2 | 2500 | 1750 | 18    | 24,5 | 22   | G3/4F | G3/8F   | 346x243x165 |  |
| W1570     | 70   | 18.50 | 150 | 15   | 2175 |      | 19,85 | 27   |      | G1" F | G1/2" F |             |                                                                                       |

|           |    |       |     |      |      |      |       |      |      |       |       |             |                                                                                       |
|-----------|----|-------|-----|------|------|------|-------|------|------|-------|-------|-------------|---------------------------------------------------------------------------------------|
| T3021     | 21 | 5.55  | 300 | 30   | 4350 | 1750 | 12,30 | 16,5 | 18,5 | G3/4F | G3/8F | 341x243x160 |  |
| T3025 (*) | 25 | 6.6   | 300 | 30   | 4350 |      | 14,70 | 20   |      | G3/4F | G3/8F |             |                                                                                       |
| T2530 (*) | 30 | 7.92  | 250 | 25   | 3625 |      | 14,70 | 20   |      | G3/4F | G3/8F |             |                                                                                       |
| T2830 (*) | 30 | 7.92  | 275 | 27,5 | 4000 |      | 15,50 | 21   |      | G3/4F | G3/8F |             |                                                                                       |
| T2535     | 35 | 9.25  | 250 | 25   | 3625 |      | 16,17 | 22   |      | G3/4F | G3/8F |             |                                                                                       |
| T2040     | 40 | 10.56 | 200 | 20   | 2900 |      | 15,44 | 21   |      | G3/4F | G3/8F |             |                                                                                       |
| T1750     | 50 | 13.21 | 172 | 17,2 | 2500 |      | 16,17 | 22   |      | G3/4F | G3/8F |             |                                                                                       |

(\*) Available on request in version with double-sided shaft / Disponible sur requête en version avec arbre à double sortie / Auf Wunsch lieferbar in Version mit Doppelwellenausgang / Disponible bajo pedido en versión con doble salida de eje / Disponibile su richiesta in versione con albero a doppia presa di forza



# 66 H.P.series



**W5018**  
**T5018**  
**W4021**



**NEW**

**WK5021**  
**STAINLESS STEEL AISI 420**

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min | G.P.M.<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar | MPa | p.s.i. | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW | hp | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------|------------------------------------------------------------------|-----|--------|------------------------------------------------|-------------------------------------------------------------|----|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
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|           |    |      |     |    |      |      |       |    |      |       |       |             |                                                                                                                    |
|-----------|----|------|-----|----|------|------|-------|----|------|-------|-------|-------------|--------------------------------------------------------------------------------------------------------------------|
| W4015 (*) | 15 | 3.96 | 400 | 40 | 5800 | 1450 | 11,02 | 15 | 19,5 | G1/2F | G3/8F | 350x243x166 | <br><b>ATEX</b><br>ON REQUEST |
| W5015 (*) | 15 | 3.96 | 500 | 50 | 7250 |      | 14,70 | 20 |      | G1/2F | G3/8F |             |                                                                                                                    |
| W4018     | 18 | 4.75 | 400 | 40 | 5800 |      | 14,70 | 20 |      | G1/2F | G3/8F |             |                                                                                                                    |
| W4518     | 18 | 4.75 | 450 | 45 | 6225 |      | 15,44 | 21 |      | G1/2F | G3/8F |             |                                                                                                                    |
| W5018     | 18 | 4.75 | 500 | 50 | 7250 |      | 17,40 | 24 |      | G1/2F | G3/8F |             |                                                                                                                    |
| W3521 (*) | 21 | 5.55 | 350 | 35 | 5075 |      | 14,70 | 20 |      | G1/2F | G3/8F |             |                                                                                                                    |
| W4021     | 21 | 5.55 | 400 | 40 | 5800 |      | 16,17 | 22 |      | G1/2F | G3/8F |             |                                                                                                                    |
| W3523     | 23 | 6.07 | 350 | 35 | 5075 |      | 14,70 | 20 |      | G1/2F | G3/8F |             |                                                                                                                    |

|            |               |    |      |     |    |      |      |      |    |      |       |       |             |
|------------|---------------|----|------|-----|----|------|------|------|----|------|-------|-------|-------------|
| <b>NEW</b> | <b>WK5021</b> | 21 | 5.55 | 500 | 50 | 7250 | 1450 | 20,6 | 28 | 21,5 | G1/2F | G3/8F | 350x243x158 |
|------------|---------------|----|------|-----|----|------|------|------|----|------|-------|-------|-------------|

|           |    |      |     |    |      |      |       |      |      |       |       |             |                                                                                                                    |
|-----------|----|------|-----|----|------|------|-------|------|------|-------|-------|-------------|--------------------------------------------------------------------------------------------------------------------|
| T5015     | 15 | 3.96 | 500 | 50 | 7250 | 1750 | 14,54 | 19,5 | 19,5 | G1/2F | G3/8F | 350x243x166 | <br><b>ATEX</b><br>ON REQUEST |
| T4018 (*) | 18 | 4.75 | 400 | 40 | 5800 |      | 14,70 | 20   |      | G1/2F | G3/8F |             |                                                                                                                    |
| T5018 (*) | 18 | 4.75 | 500 | 50 | 7250 |      | 17,40 | 24   |      | G1/2F | G3/8F |             |                                                                                                                    |

(\*) Available on request in version with double-sided shaft / Disponible sur requête en version avec arbre à double sortie / Auf Wunsch lieferbar in Version mit Doppelwellenausgang / Disponible bajo pedido en versión con doble salida de eje / Disponibile su richiesta in versione con albero a doppia presa di forza



# 69 series



**W4**



**WS104  
WS153**



**W827**

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min | GPM<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza |      | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni |
|----------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|-----------------------------------------------------------|-----|--------|------------------------------------------------|-------------------------------------------------------|------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------|
|                                                                            |                                                                    |                 | bar                                                       | MPa | p.s.i. |                                                | kW                                                    | hp   | kg                                         |                                                  |                                                 | mm                                                                 |
| <b>W4</b>                                                                  | 42                                                                 | 11.1            | 50                                                        | 5   | 725    | 600                                            | 4,04                                                  | 5,5  | 16,5                                       | G3/4F                                            | G3/8F                                           | 328x300x186                                                        |
| <b>W827</b>                                                                | 68                                                                 | 18              | 82                                                        | 8,2 | 1200   | 1000                                           | 10,66                                                 | 14,5 | 25,8                                       | G1 F                                             | G3/4F                                           | 360x300x210                                                        |
| <b>WS104</b>                                                               | 30                                                                 | 7.92            | 100                                                       | 10  | 1450   | 1450                                           | 5,51                                                  | 7,5  | 20,5                                       | G3/4F                                            | G3/8F                                           | 331x300x186                                                        |
| <b>WS153</b>                                                               | 30                                                                 | 7.92            | 150                                                       | 15  | 2175   |                                                | 7,35                                                  | 10   | 21                                         | G3/4F                                            | G3/8F                                           |                                                                    |



# 68 series



- Rails kit available on request, item ZFEET68H34
- Kit pieds disponible sur requête, code ZFEET68H34
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET68H34
- Kit pies disponible bajo pedido, código ZFEET68H34
- Kit piedi disponibile su richiesta, codice ZFEET68H34

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min      GPM<br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar   MPa   p.s.i. |   |     | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |      | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------|---|-----|------------------------------------------------|---------------------------------------------------------------------|------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| AB80                                                                       | 75                                                                                      | 19.8 | 60                                                                              | 6 | 870 | 550                                            | 8,60                                                                | 11,7 | 47                                               | G1-1/2 F                                         | G1 F                                            | 444X360X213                                                              |
| AB100                                                                      | 100                                                                                     | 26.4 | 60                                                                              | 6 | 870 |                                                | 11,50                                                               | 15,6 |                                                  | G1-1/2 F                                         | G1 F                                            |                                                                          |
| AB120                                                                      | 120                                                                                     | 31.7 | 60                                                                              | 6 | 870 |                                                | 13,80                                                               | 18,7 |                                                  | G1-1/2 F                                         | G1 F                                            |                                                                          |
| AB150                                                                      | 150                                                                                     | 39.6 | 60                                                                              | 6 | 870 |                                                | 17,20                                                               | 23,4 |                                                  | G1-1/2 F                                         | G1 F                                            |                                                                          |
| AB90                                                                       | 90                                                                                      | 23.8 | 60                                                                              | 6 | 870 | 650                                            | 10,30                                                               | 14,0 | 47                                               | G1-1/2 F                                         | G1 F                                            | 444X360X213                                                              |
| AB110                                                                      | 110                                                                                     | 29.1 | 60                                                                              | 6 | 870 |                                                | 12,60                                                               | 17,1 |                                                  | G1-1/2 F                                         | G1 F                                            |                                                                          |
| AB140                                                                      | 140                                                                                     | 37.0 | 60                                                                              | 6 | 870 |                                                | 16,00                                                               | 21,8 |                                                  | G1-1/2 F                                         | G1 F                                            |                                                                          |
| AB180                                                                      | 180                                                                                     | 47.6 | 60                                                                              | 6 | 870 |                                                | 20,70                                                               | 28,1 |                                                  | G1-1/2 F                                         | G1 F                                            |                                                                          |



64 series

E4 EVOLUTION



NEW

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza |      | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni |
|----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------|-----------------------------------------------------------|-----|--------|------------------------------------------------|-------------------------------------------------------|------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------|
|                                                                            | l/min                                                     | GPM<br>(U.S.A.) | bar                                                       | MPa | p.s.i. |                                                | kW                                                    | hp   | kg                                         |                                                  |                                                 | mm                                                                 |
| E4B2548                                                                    | 48                                                        | 12.68           | 250                                                       | 25  | 3625   | 1450                                           | 22,90                                                 | 31,2 | 29,5                                       | G1F                                              | G1/2F                                           | 436X309X198                                                        |
|                                                                            | 58                                                        | 15.32           | 250                                                       | 25  | 3625   | 1750                                           | 27,70                                                 | 37,7 |                                            | G1F                                              | G1/2F                                           |                                                                    |
| E4B1858                                                                    | 58                                                        | 15.32           | 180                                                       | 18  | 2610   | 1450                                           | 19,90                                                 | 27,1 |                                            | G1F                                              | G1/2F                                           |                                                                    |
|                                                                            | 70                                                        | 18.49           | 180                                                       | 18  | 2610   | 1750                                           | 24,10                                                 | 32,7 |                                            | G1F                                              | G1/2F                                           |                                                                    |
| E4B1575                                                                    | 75                                                        | 19.82           | 150                                                       | 15  | 2175   | 1450                                           | 21,50                                                 | 29,2 |                                            | G1F                                              | G1/2F                                           |                                                                    |
|                                                                            | 90                                                        | 23.78           | 150                                                       | 15  | 2175   | 1750                                           | 25,80                                                 | 35,1 |                                            | G1F                                              | G1/2F                                           |                                                                    |
| E4B1381                                                                    | 81                                                        | 21.40           | 130                                                       | 13  | 1885   | 1450                                           | 20,10                                                 | 27,4 |                                            | G1F                                              | G1/2F                                           |                                                                    |
|                                                                            | 98                                                        | 25.89           | 130                                                       | 13  | 1885   | 1750                                           | 24,30                                                 | 33,1 |                                            | G1F                                              | G1/2F                                           |                                                                    |
| E4B1294                                                                    | 94                                                        | 24.83           | 120                                                       | 12  | 1740   | 1450                                           | 21,50                                                 | 29,3 |                                            | G1F                                              | G1/2F                                           |                                                                    |

# 70 series



**W100100H**



**W120120  
W100140**

- Rails kit available on request, item ZFEET70H46
- Kit pieds disponible sur requête, code ZFEET70H46
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET70H46
- Kit pies disponible bajo pedido, código ZFEET70H46
- Kit piedi disponibile su richiesta, codice ZFEET70H46

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min      GPM<br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |      | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|----|------|------------------------------------------------|---------------------------------------------------------------------|------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| <b>W100100H</b>                                                            | 100                                                                                     | 26.4 | 100                                                                               | 10 | 1450 | 1450                                           | 18,38                                                               | 25   |                                                  | G1F                                              | G1/2F                                           | 388x341x195                                                              |
| <b>W120120</b>                                                             | 115                                                                                     | 30.4 | 120                                                                               | 12 | 1750 |                                                | 26,4                                                                | 35,9 | 41                                               | G1-1/4F                                          | G1F                                             | 411x341x193                                                              |
| <b>W100140</b>                                                             | 142                                                                                     | 37.5 | 100                                                                               | 10 | 1450 |                                                | 27,1                                                                | 36,9 |                                                  | G1-1/4F                                          | G1F                                             |                                                                          |



**WK155**  
**WK6**  
**WK8**



**WK525**  
**WK531**

- Rails kit available on request, item ZFEET70H46
- Kit pieds disponible sur requête, code ZFEET70H46
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET70H46
- Kit pies disponible bajo pedido, código ZFEET70H46
- Kit piedi disponibile su richiesta, codice ZFEET70H46

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min<br>G.P.M.<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |    |         |        |             |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|----|---------|--------|-------------|
| WK155                                                                      | 55                                                                                       | 14.5                                                                        | 150                                            | 15                                                             | 2175                                             | 1000                                             | 15,74                                           | 21,4                                                                     | 38 | G1-1/4F | G1 F   | 405x341x188 |
| WK6                                                                        | 62                                                                                       | 16.4                                                                        | 100                                            | 10                                                             | 1450                                             |                                                  | 11,84                                           | 16,1                                                                     |    | G1-1/4F | G1 F   |             |
| WK8                                                                        | 80                                                                                       | 21.1                                                                        | 100                                            | 10                                                             | 1450                                             |                                                  | 15,30                                           | 20,8                                                                     |    | G1-1/4F | G1 F   |             |
| WK525                                                                      | 22                                                                                       | 5.8                                                                         | 500                                            | 50                                                             | 7250                                             | 1450                                             | 21,03                                           | 28,6                                                                     | 41 | G1 F    | G1/2 F | 395x341x212 |
| WK531                                                                      | 30                                                                                       | 7.92                                                                        | 500                                            | 50                                                             | 7250                                             |                                                  | 28,67                                           | 39                                                                       |    | G1 F    | G1/2 F |             |



ATEX  
ON REQUEST





**WK159**  
**WK12**  
**WK15**



**WK355**

- Rails kit available on request, item ZFEET71H26
- Kit pieds disponible sùr requête, code ZFEET71H26
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET71H26
- Kit pies disponible bajo pedido, código ZFEET71H26
- Kit piedi disponibile su richiesta, codice ZFEET71H26

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min |       | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp |      | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|--------------------------------------------------------------------|-------|-----------------------------------------------------------------------------|----|------|------------------------------------------------|----------------------------------------------------------------|------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
| <b>WK159</b>                                                               | 106                                                                | 28    | 150                                                                         | 15 | 2175 | <b>1000</b>                                    | 30,30                                                          | 41,2 | 71                                               | G1-1/2F                                          | G1 F                                            | 526x367x253                                                              |
| <b>WK12</b>                                                                | 120                                                                | 31.74 | 120                                                                         | 12 | 1740 |                                                | 27,60                                                          | 37,6 |                                                  | G1-1/2F                                          | G1 F                                            |                                                                          |
| <b>WK15</b>                                                                | 150                                                                | 39.61 | 120                                                                         | 12 | 1740 |                                                | 34,42                                                          | 46,8 |                                                  | G1-1/2F                                          | G1 F                                            |                                                                          |
| <b>WK355</b>                                                               | 57                                                                 | 15.1  | 350                                                                         | 35 | 5075 | <b>1000</b>                                    | 38,10                                                          | 51,8 | 65                                               | G1 F                                             | G3/4 F                                          | 507x367x240                                                              |

# **SS STAINLESS STEEL**



SPECIAL SERIES

## SS

**Special Stainless Steel pumps**  
**Pompes Inox Spéciales**  
**Edelstahlsonderpumpen**  
**Bombas Inox especiales**  
**Pompe speciali Inox**

PUMPS LISTED ACCORDING TO FLOW RATE  
 TABELLE POMPES ORDONNÉES SUIVANT LE DÉBIT  
 PUMPENTABELLE NACH FÖRDERLEISTUNG ANGEORDNET  
 TABLA DE BOMBAS EN ORDEN DE CAUDAL  
 TABELLA POMPE IN ORDINE DI PORTATA

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | MOD.     | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|----------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) | g/min                                | bar                                                   | MPa | p.s.i. |          |      |
| 3.5                                                       | 0.92               | 1450                                 | 150                                                   | 15  | 2175   | SS1B1503 | 48   |
| 5                                                         | 1.32               | 1450                                 | 150                                                   | 15  | 2175   | SS1B1505 | 48   |
| 7                                                         | 1.85               | 1450                                 | 150                                                   | 15  | 2175   | SS1B1507 | 48   |
| 9                                                         | 2.38               | 1450                                 | 150                                                   | 15  | 2175   | SS1B1509 | 48   |
|                                                           |                    | 1750                                 | 150                                                   | 15  | 2175   | SS1C1509 | 48   |
| 11                                                        | 2.91               | 1450                                 | 150                                                   | 15  | 2175   | SS1B1511 | 48   |
|                                                           |                    | 1750                                 | 150                                                   | 15  | 2175   | SS1C1511 | 48   |
| 13                                                        | 3.43               | 1450                                 | 150                                                   | 15  | 2175   | SS1B1513 | 48   |
|                                                           |                    | 1450                                 | 200                                                   | 20  | 2900   | SS3B2013 | 48   |
|                                                           |                    | 1750                                 | 150                                                   | 15  | 2175   | SS1C1513 | 48   |
| 14                                                        | 3.70               | 1450                                 | 150                                                   | 15  | 2175   | SS1B1514 | 48   |
| 15                                                        | 3.96               | 1450                                 | 200                                                   | 20  | 2900   | SS3B2015 | 48   |
|                                                           |                    | 1750                                 | 150                                                   | 15  | 2175   | SS1C1515 | 48   |
|                                                           |                    | 1750                                 | 200                                                   | 20  | 2900   | SS3C2015 | 48   |
| 18                                                        | 4.76               | 1450                                 | 200                                                   | 20  | 2900   | SS3B2018 | 48   |
|                                                           |                    | 1750                                 | 200                                                   | 20  | 2900   | SS3C2018 | 48   |
| 21                                                        | 5.55               | 1450                                 | 200                                                   | 20  | 2900   | SS3B2021 | 48   |
|                                                           |                    | 1750                                 | 200                                                   | 20  | 2900   | SS3C2021 | 48   |
| 25                                                        | 6.60               | 1450                                 | 200                                                   | 20  | 2900   | SSE2025  | 48   |
| 30                                                        | 7.92               | 1450                                 | 200                                                   | 20  | 2900   | SSE2030  | 48   |
|                                                           |                    | 1450                                 | 200                                                   | 20  | 2900   | SS7030   | 48   |
|                                                           |                    | 1750                                 | 200                                                   | 20  | 2900   | SSU2030  | 48   |
| 35                                                        | 9.25               | 1450                                 | 200                                                   | 20  | 2900   | SSE2035  | 48   |
|                                                           |                    | 1750                                 | 200                                                   | 20  | 2900   | SSU2035  | 48   |
| 37                                                        | 9.77               | 1450                                 | 200                                                   | 20  | 2900   | SS7037   | 48   |
| 40                                                        | 10.56              | 1750                                 | 200                                                   | 20  | 2900   | SSU2040  | 48   |
| 41                                                        | 10.83              | 1450                                 | 200                                                   | 20  | 2900   | SSE2041  | 48   |
| 45                                                        | 11.89              | 1450                                 | 200                                                   | 20  | 2900   | SS7045   | 48   |
| 50                                                        | 13.20              | 1450                                 | 150                                                   | 15  | 2175   | SSE1550  | 48   |
| 50                                                        | 13.20              | 1750                                 | 200                                                   | 20  | 2900   | SSU2050  | 48   |
| 61                                                        | 16.11              | 1450                                 | 150                                                   | 15  | 2175   | SS7061H  | 48   |
| 70                                                        | 18.49              | 1450                                 | 130                                                   | 13  | 1885   | SS7070H  | 48   |
| 93                                                        | 24.57              | 1000                                 | 200                                                   | 20  | 2900   | SS7193   | 48   |
| 100                                                       | 26.40              | 1450                                 | 100                                                   | 10  | 1450   | SS7091H  | 48   |
| 106                                                       | 28.00              | 1000                                 | 200                                                   | 20  | 2900   | SS71106  | 48   |
| 153                                                       | 40.42              | 1000                                 | 130                                                   | 13  | 1885   | SS71153  | 48   |
| 170                                                       | 44.90              | 900                                  | 100                                                   | 10  | 1450   | SS71170  | 48   |

PUMPS LISTED ACCORDING TO PRESSURE  
 TABELLE POMPES ORDONNÉES SUIVANT LA PRESSION  
 PUMPENTABELLE NACH DRUCK ANGEORDNET  
 TABLA DE BOMBAS EN ORDEN DE PRESIÓN  
 TABELLA POMPE IN ORDINE DI PRESSIONE

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | MOD.     | Pag. |
|-------------------------------------------------------|-----|--------|--------------------------------------|-----------------------------------------------------------|--------------------|----------|------|
| bar                                                   | MPa | p.s.i. | g/min                                | l/min                                                     | G.P.M.<br>(U.S.A.) |          |      |
| 100                                                   | 10  | 1450   | 900                                  | 170                                                       | 44.90              | SS71170  | 48   |
|                                                       |     |        | 1450                                 | 100                                                       | 26.40              | SS7091H  | 48   |
|                                                       |     |        | 1000                                 | 153                                                       | 40.42              | SS71153  | 48   |
| 130                                                   | 13  | 1885   | 1450                                 | 70                                                        | 18.49              | SS7070H  | 48   |
|                                                       |     |        | 1450                                 | 3.5                                                       | 0.92               | SS1B1503 | 48   |
| 150                                                   | 15  | 2175   | 1450                                 | 5                                                         | 1.32               | SS1B1505 | 48   |
|                                                       |     |        | 1450                                 | 7                                                         | 1.85               | SS1B1507 | 48   |
|                                                       |     |        | 1450                                 | 9                                                         | 2.38               | SS1B1509 | 48   |
|                                                       |     |        | 1450                                 | 11                                                        | 2.91               | SS1B1511 | 48   |
|                                                       |     |        | 1450                                 | 13                                                        | 3.43               | SS1B1513 | 48   |
|                                                       |     |        | 1450                                 | 14                                                        | 3.70               | SS1B1514 | 48   |
|                                                       |     |        | 1450                                 | 50                                                        | 13.2               | SSE1550  | 48   |
|                                                       |     |        | 1450                                 | 61                                                        | 16.11              | SS7061H  | 48   |
|                                                       |     |        | 1750                                 | 9                                                         | 2.38               | SS1C1509 | 48   |
|                                                       |     |        | 1750                                 | 11                                                        | 2.91               | SS1C1511 | 48   |
|                                                       |     |        | 1750                                 | 13                                                        | 3.43               | SS1C1513 | 48   |
|                                                       |     |        | 1750                                 | 15                                                        | 3.96               | SS1C1515 | 48   |
|                                                       |     |        | 1000                                 | 93                                                        | 24.57              | SS7193   | 48   |
|                                                       |     |        | 1000                                 | 106                                                       | 28.00              | SS71106  | 48   |
|                                                       |     |        | 1450                                 | 13                                                        | 3.43               | SS3B2013 | 48   |
| 200                                                   | 20  | 2900   | 1450                                 | 15                                                        | 3.96               | SS3B2015 | 48   |
|                                                       |     |        | 1450                                 | 18                                                        | 4.76               | SS3B2018 | 48   |
|                                                       |     |        | 1450                                 | 21                                                        | 5.55               | SS3B2021 | 48   |
|                                                       |     |        | 1450                                 | 25                                                        | 6.60               | SSE2025  | 48   |
|                                                       |     |        | 1450                                 | 30                                                        | 7.92               | SSE2030  | 48   |
|                                                       |     |        | 1450                                 | 30                                                        | 7.92               | SS7030   | 48   |
|                                                       |     |        | 1450                                 | 35                                                        | 9.25               | SSE2035  | 48   |
|                                                       |     |        | 1450                                 | 37                                                        | 9.77               | SS7037   | 48   |
|                                                       |     |        | 1450                                 | 41                                                        | 10.83              | SSE2041  | 48   |
|                                                       |     |        | 1450                                 | 45                                                        | 11.89              | SS7045   | 48   |
|                                                       |     |        | 1750                                 | 15                                                        | 3.96               | SS3C2015 | 48   |
|                                                       |     |        | 1750                                 | 18                                                        | 4.76               | SS3C2018 | 48   |
|                                                       |     |        | 1750                                 | 21                                                        | 5.55               | SS3C2021 | 48   |
|                                                       |     |        | 1750                                 | 30                                                        | 7.92               | SSU2030  | 48   |
|                                                       |     |        | 1750                                 | 35                                                        | 9.25               | SSU2035  | 48   |
|                                                       |     |        | 1750                                 | 40                                                        | 10.56              | SSU2040  | 48   |
|                                                       |     |        | 1750                                 | 50                                                        | 13.20              | SSU2050  | 48   |

## SW

**Sea Water**  
**Eau de Mer**  
**Meerwasser**  
**Agua de Mar**  
**Acqua di Mare**

PUMPS LISTED ACCORDING TO FLOW RATE  
 TABELLE POMPES ORDONNÉES SUIVANT LE DÉBIT  
 PUMPENTABELLE NACH FÖRDERLEISTUNG ANGEORDNET  
 TABLA DE BOMBAS EN ORDEN DE CAUDAL  
 TABELLA POMPE IN ORDINE DI PORTATA

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | MOD.     | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|----------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) | g/min                                | bar                                                   | MPa | p.s.i. |          |      |
| 5                                                         | 1.32               | 1450                                 | 150                                                   | 15  | 2175   | SW1B1505 | 50   |
| 7                                                         | 1.85               | 1450                                 | 150                                                   | 15  | 2175   | SW1B1507 | 50   |
| 9                                                         | 2.38               | 1450                                 | 150                                                   | 15  | 2175   | SW1B1509 | 50   |
|                                                           |                    | 1750                                 | 150                                                   | 15  | 2175   | SW1C1509 | 50   |
| 11                                                        | 2.91               | 1450                                 | 150                                                   | 15  | 2175   | SW1B1511 | 50   |
|                                                           |                    | 1750                                 | 150                                                   | 15  | 2175   | SW1C1511 | 50   |
| 13                                                        | 3.43               | 1450                                 | 150                                                   | 15  | 2175   | SW1B1513 | 50   |
|                                                           |                    | 1750                                 | 150                                                   | 15  | 2175   | SW1C1513 | 50   |
| 14                                                        | 3.70               | 1450                                 | 150                                                   | 15  | 2175   | SW1B1514 | 50   |
| 15                                                        | 3.96               | 1750                                 | 150                                                   | 15  | 2175   | SW1C1515 | 50   |
| 21                                                        | 5.55               | 1450                                 | 200                                                   | 20  | 2900   | SW3B2021 | 50   |
| 41                                                        | 10.83              | 1450                                 | 200                                                   | 20  | 2900   | SWE2041  | 50   |
| 50                                                        | 13.20              | 1750                                 | 200                                                   | 20  | 2900   | SWU2050  | 50   |
| 100                                                       | 26.40              | 1450                                 | 100                                                   | 10  | 1450   | SW7091H  | 50   |
| 170                                                       | 44.90              | 900                                  | 100                                                   | 10  | 1450   | SW71170  | 50   |

PUMPS LISTED ACCORDING TO PRESSURE  
 TABELLE POMPES ORDONNÉES SUIVANT LA PRESSION  
 PUMPENTABELLE NACH DRUCK ANGEORDNET  
 TABLA DE BOMBAS EN ORDEN DE PRESIÓN  
 TABELLA POMPE IN ORDINE DI PRESSIONE

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | MOD.     | Pag. |
|-------------------------------------------------------|-----|--------|--------------------------------------|-----------------------------------------------------------|--------------------|----------|------|
| bar                                                   | MPa | p.s.i. | g/min                                | l/min                                                     | G.P.M.<br>(U.S.A.) |          |      |
| 100                                                   | 10  | 1450   | 900                                  | 170                                                       | 44.90              | SW71170  | 50   |
|                                                       |     |        | 1450                                 | 100                                                       | 26.40              | SW7091H  | 50   |
|                                                       |     |        | 1450                                 | 5                                                         | 1.32               | SW1B1505 | 50   |
| 150                                                   | 15  | 2175   | 1450                                 | 7                                                         | 1.85               | SW1B1507 | 50   |
|                                                       |     |        | 1450                                 | 9                                                         | 2.38               | SW1B1509 | 50   |
|                                                       |     |        | 1450                                 | 11                                                        | 2.91               | SW1B1511 | 50   |
|                                                       |     |        | 1450                                 | 13                                                        | 3.43               | SW1B1513 | 50   |
|                                                       |     |        | 1450                                 | 14                                                        | 3.70               | SW1B1514 | 50   |
|                                                       |     |        | 1450                                 | 13                                                        | 3.43               | SW1B1513 | 50   |
|                                                       |     |        | 1750                                 | 9                                                         | 2.38               | SW1C1509 | 50   |
|                                                       |     |        | 1750                                 | 11                                                        | 2.91               | SW1C1511 | 50   |
|                                                       |     |        | 1750                                 | 13                                                        | 3.43               | SW1C1513 | 50   |
|                                                       |     |        | 1750                                 | 15                                                        | 3.96               | SW1C1515 | 50   |
|                                                       |     |        | 1450                                 | 21                                                        | 5.55               | SW3B2021 | 50   |
|                                                       |     |        | 1450                                 | 41                                                        | 10.83              | SWE2041  | 50   |
|                                                       |     |        | 1750                                 | 50                                                        | 13.20              | SWU2050  | 50   |



# SS series

## Stainless Steel AISI 316 L

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza | Max.<br>inlet<br>temp. | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni |
|----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------|
|                                                                            | l/min<br>G.P.M.<br>(U.S.A.)                               | bar MPa p.s.i.                                            |                                                | kW hp                                                 | °C °F                  | kg                                         |                                                  |                                                 | mm                                                                 |

|              |                                                                                             |         |       |       |     |      |      |       |      |    |     |     |         |         |             |                                                                                       |
|--------------|---------------------------------------------------------------------------------------------|---------|-------|-------|-----|------|------|-------|------|----|-----|-----|---------|---------|-------------|---------------------------------------------------------------------------------------|
| SS1 series   | SS1B1503   | 3,5     | 0.92  | 150   | 15  | 2175 | 1450 | 1,03  | 1,4  | 85 | 185 | 6   | G1/2F   | G3/8F   | 192x207x107 |                                                                                       |
|              | SS1B1505(*)                                                                                 | 5       | 1.32  | 150   | 15  | 2175 |      | 1,43  | 1,9  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              | SS1B1507(*)                                                                                 | 7       | 1.85  | 150   | 15  | 2175 |      | 2,01  | 2,7  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              | SS1B1509                                                                                    | 9       | 2.38  | 150   | 15  | 2175 |      | 2,58  | 3,5  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              | SS1B1511                                                                                    | 11      | 2.91  | 150   | 15  | 2175 |      | 3,15  | 4,3  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              | SS1B1513                                                                                    | 13      | 3.43  | 150   | 15  | 2175 |      | 3,72  | 5,1  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              | SS1B1514                                                                                    | 14      | 3.70  | 150   | 15  | 2175 |      | 4,01  | 5,5  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              |                                                                                             |         |       |       |     |      |      |       |      |    |     |     |         |         |             |                                                                                       |
|              | SS1C1509                                                                                    | 9       | 2.38  | 150   | 15  | 2175 | 1750 | 2,58  | 3,5  | 85 | 185 | 6   | G1/2F   | G3/8F   | 192x207x107 |                                                                                       |
|              | SS1C1511                                                                                    | 11      | 2.91  | 150   | 15  | 2175 |      | 3,15  | 4,3  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              | SS1C1513                                                                                    | 13      | 3.43  | 150   | 15  | 2175 |      | 3,72  | 5,1  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              | SS1C1515                                                                                    | 15      | 3.96  | 150   | 15  | 2175 |      | 4,30  | 5,8  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              |                                                                                             |         |       |       |     |      |      |       |      |    |     |     |         |         |             |                                                                                       |
| SS3 series   | SS3B2013                                                                                    | 13      | 3.43  | 200   | 20  | 2900 | 1450 | 4,97  | 6,8  | 85 | 185 | 10  | G1/2F   | G3/8F   | 265x223x136 |                                                                                       |
|              | SS3B2015                                                                                    | 15      | 3.96  | 200   | 20  | 2900 |      | 5,73  | 7,8  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              | SS3B2018                                                                                    | 18      | 4.76  | 200   | 20  | 2900 |      | 6,88  | 9,4  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              | SS3B2021                                                                                    | 21      | 5.55  | 200   | 20  | 2900 |      | 8,02  | 10,9 |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              |                                                                                             |         |       |       |     |      |      |       |      |    |     |     |         |         |             |                                                                                       |
|              | SS3C2015                                                                                    | 15      | 3.96  | 200   | 20  | 2900 | 1750 | 5,73  | 7,8  | 85 | 185 | 10  | G1/2F   | G3/8F   | 265x223x136 |                                                                                       |
|              | SS3C2018                                                                                    | 18      | 4.76  | 200   | 20  | 2900 |      | 6,88  | 9,4  |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              | SS3C2021                                                                                    | 21      | 5.55  | 200   | 20  | 2900 |      | 8,02  | 10,9 |    |     |     | G1/2F   | G3/8F   |             |                                                                                       |
|              |                                                                                             |         |       |       |     |      |      |       |      |    |     |     |         |         |             |                                                                                       |
| 66.SS series | SSE2025                                                                                     | 25      | 6.60  | 200   | 20  | 2900 | 1450 | 9,55  | 13,0 | 85 | 185 | 21  | G3/4F   | G3/8F   | 341x243x160 |  |
|              | SSE2030                                                                                     | 30      | 7.92  | 200   | 20  | 2900 |      | 11,47 | 15,6 |    |     |     | G3/4F   | G3/8F   |             |                                                                                       |
|              | SSE2035                                                                                     | 35      | 9.25  | 200   | 20  | 2900 |      | 13,38 | 18,2 |    |     |     | G3/4F   | G3/8F   |             |                                                                                       |
|              | SSE2041                                                                                     | 41      | 10.83 | 200   | 20  | 2900 |      | 15,66 | 21,3 |    |     |     | G3/4F   | G3/8F   |             |                                                                                       |
|              | SSE1550  | 50      | 13.20 | 150   | 15  | 2175 |      | 14,33 | 19,5 |    |     |     | G3/4F   | G3/8F   |             |                                                                                       |
|              | SSU2030                                                                                     | 30      | 7.92  | 200   | 20  | 2900 | 1750 | 11,47 | 15,6 | 85 | 185 | 21  | G3/4F   | G3/8F   | 341x243x160 |  |
|              | SSU2035                                                                                     | 35      | 9.25  | 200   | 20  | 2900 |      | 13,38 | 18,2 |    |     |     | G3/4F   | G3/8F   |             |                                                                                       |
|              | SSU2040                                                                                     | 40      | 10.56 | 200   | 20  | 2900 |      | 15,29 | 20,8 |    |     |     | G3/4F   | G3/8F   |             |                                                                                       |
|              | SSU2050                                                                                     | 50      | 13.20 | 200   | 20  | 2900 |      | 19,12 | 26,0 |    |     |     | G3/4F   | G3/8F   |             |                                                                                       |
|              |                                                                                             |         |       |       |     |      |      |       |      |    |     |     |         |         |             |                                                                                       |
| 70.SS series | SS7030                                                                                      | 30      | 7.92  | 200   | 20  | 2900 | 1450 | 11,8  | 16   | 85 | 185 | 40  | G1 F    | G1/2F   | 387x341x196 |                                                                                       |
|              | SS7037                                                                                      | 37      | 9.77  | 200   | 20  | 2900 |      | 14,0  | 19   |    |     |     | G1 F    | G1/2F   |             |                                                                                       |
|              | SS7045                                                                                      | 45      | 11.89 | 200   | 20  | 2900 |      | 17,6  | 24   |    |     |     | G1 F    | G1/2F   |             |                                                                                       |
|              | SS7061H                                                                                     | 61      | 16.11 | 150   | 15  | 2175 |      | 18,4  | 25   |    |     |     | G1 F    | G1/2F   |             |                                                                                       |
|              | SS7070H                                                                                     | 70      | 18.49 | 130   | 13  | 1885 |      | 18,4  | 25   |    |     |     | G1 F    | G1/2F   |             |                                                                                       |
|              | SS7091H                                                                                     | 100     | 26.40 | 100   | 10  | 1450 |      | 19,1  | 26   |    |     |     | G1 F    | G1/2F   |             |                                                                                       |
|              |                                                                                             |         |       |       |     |      |      |       |      |    |     |     |         |         |             |                                                                                       |
| 71.SS series | SS7193                                                                                      | 93      | 24.57 | 200   | 20  | 2900 | 1000 | 35,3  | 48   | 85 | 185 | 68  | G1-1/2F | G1 F    | 526x367x253 |  |
|              | SS71106                                                                                     | 106     | 28.00 | 200   | 20  | 2900 |      | 40,0  | 55   |    |     |     | G1-1/2F | G1 F    |             |                                                                                       |
|              | SS71153                                                                                     | 153     | 40.42 | 130   | 13  | 1885 |      | 36,8  | 50   |    |     |     | G1-1/2F | G1 F    |             |                                                                                       |
|              |                                                                                             | SS71170 | 170   | 44.90 | 100 | 10   | 1450 | 900   | 32,5 | 44 | 85  | 185 | 68      | G1-1/2F | G1 F        | 526x367x253                                                                           |

(\*) Available on request in version with double-sided shaft / Disponible sur requête en version avec arbre à double sortie / Auf Wunsch lieferbar in Version mit Doppelwellenausgang / Disponible bajo pedido en versión con doble salida de eje / Disponibile su richiesta in versione con albero a doppia presa di forza

Applications: reverse osmosis, seawater, demineralized water, misting, chemical industry, up to 85°C (185°F)

Applications: osmose renversée, eau de mer, eau déminéralisée, nébulisation, industrie chimique, jusqu'à 85°C (185°F)

Einsatzbereiche: Umkehrosmose, Meereswasser, entmineralisiertes Wasser, Befeuchtung, chemische Industrie, bis 85°C (185°F)

Aplicaciones: osmosis inversa, agua de mar, agua desmineralizada, nebulización, industria química, hasta 85°C (185°F)

Applicazioni: osmosi inversa, acqua di mare, acqua demineralizzata, misting, industria chimica, fino a 85°C (185°F)



**SS1 series**



**SS3 series**



**66.SS series**



**NEW**

**mod.  
SSE1550**



**70.SS series**



**71.SS series**



# Stainless Steel AISI 316 L

Applications: Sea water.

Applications: Eau de mer.

Einsatzbereiche: Meerwasser.

Aplicaciones: Agua de mar.

Applicazioni: Acqua di mare.

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min<br>G.P.M.<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|

## SW1 series

|          |    |      |     |    |      |      |      |     |   |       |       |             |
|----------|----|------|-----|----|------|------|------|-----|---|-------|-------|-------------|
| SW1B1505 | 5  | 1.32 | 150 | 15 | 2175 | 1450 | 1,43 | 1,9 | 6 | G1/2F | G3/8F | 192x207x107 |
| SW1B1507 | 7  | 1.85 | 150 | 15 | 2175 |      | 2,01 | 2,7 |   | G1/2F | G3/8F |             |
| SW1B1509 | 9  | 2.38 | 150 | 15 | 2175 |      | 2,58 | 3,5 |   | G1/2F | G3/8F |             |
| SW1B1511 | 11 | 2.91 | 150 | 15 | 2175 |      | 3,15 | 4,3 |   | G1/2F | G3/8F |             |
| SW1B1513 | 13 | 3.43 | 150 | 15 | 2175 |      | 3,72 | 5,1 |   | G1/2F | G3/8F |             |
| SW1B1514 | 14 | 3.70 | 150 | 15 | 2175 |      | 4,01 | 5,5 |   | G1/2F | G3/8F |             |
| SW1C1509 | 9  | 2.38 | 150 | 15 | 2175 | 1750 | 2,58 | 3,5 | 6 | G1/2F | G3/8F | 192x207x107 |
| SW1C1511 | 11 | 2.91 | 150 | 15 | 2175 |      | 3,15 | 4,3 |   | G1/2F | G3/8F |             |
| SW1C1513 | 13 | 3.43 | 150 | 15 | 2175 |      | 3,72 | 5,1 |   | G1/2F | G3/8F |             |
| SW1C1515 | 15 | 3.96 | 150 | 15 | 2175 |      | 4,30 | 5,8 |   | G1/2F | G3/8F |             |

## SW3 series

|          |    |      |     |    |      |      |      |      |    |       |       |             |
|----------|----|------|-----|----|------|------|------|------|----|-------|-------|-------------|
| SW3B2021 | 21 | 5.55 | 200 | 20 | 2900 | 1450 | 8,02 | 10,9 | 10 | G1/2F | G3/8F | 265x223x136 |
|----------|----|------|-----|----|------|------|------|------|----|-------|-------|-------------|

## 66SW series

|         |    |       |     |    |      |      |       |      |    |       |       |             |
|---------|----|-------|-----|----|------|------|-------|------|----|-------|-------|-------------|
| SWE2041 | 41 | 10.83 | 200 | 20 | 2900 | 1450 | 15,66 | 21,3 | 21 | G3/4F | G3/8F | 341x243x160 |
| SWU2050 | 50 | 13.20 | 200 | 20 | 2900 | 1750 | 19,12 | 26   |    | G3/4F | G3/8F |             |

## 70SW series

|         |     |       |     |    |      |      |       |    |    |     |       |             |
|---------|-----|-------|-----|----|------|------|-------|----|----|-----|-------|-------------|
| SW7091H | 100 | 26.40 | 100 | 10 | 1450 | 1450 | 19,10 | 26 | 40 | G1F | G1/2F | 387x341x196 |
|---------|-----|-------|-----|----|------|------|-------|----|----|-----|-------|-------------|

## 71SW series

|        |     |       |     |    |      |     |       |      |    |         |     |             |
|--------|-----|-------|-----|----|------|-----|-------|------|----|---------|-----|-------------|
| SW7170 | 170 | 44.90 | 100 | 10 | 1450 | 900 | 32,50 | 44,2 | 68 | G1-1/2F | G1F | 526x367x253 |
|--------|-----|-------|-----|----|------|-----|-------|------|----|---------|-----|-------------|



**SW3 series**



**SW1 series**



**66.SW series**



**70.SW series**



**71.SW series**

# CW CAR WASH



SPECIAL SERIES



## The highest tecnology in Car Wash

For car wash and industrial applications up to 60°C (140°F)  
 Pour car wash et applications industrielles jusqu'à 60°C (140°F)  
 Für car wash und industrielle Einsätze bis 60°C (140°F)  
 Para car wash y aplicaciones industriales hasta 60°C (140°F)  
 Per car wash e applicazioni industriali fino a 60°C (140°F)

### Up to 60°C (140°F)

PUMPS LISTED ACCORDING TO FLOW RATE  
 TABELLE POMPES ORDONNÉES SUIVANT LE DÉBIT  
 PUMPENTABELLE NACH FÖRDERLEISTUNG ANGEORDNET  
 TABLA DE BOMBAS EN ORDEN DE CAUDAL  
 TABELLA POMPE IN ORDINE DI PORTATA

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | MOD.    | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|---------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | Mpa | p.s.i. |         |      |
| 11                                                        | 2.91               | 1450                                 | 200                                                   | 20  | 2900   | C2W2011 | 54   |
| 12                                                        | 3.17               | 1450                                 | 200                                                   | 20  | 2900   | C2W2012 | 54   |
| 13                                                        | 3.43               | 1450                                 | 200                                                   | 20  | 2900   | C2W2013 | 54   |
| 13                                                        | 3.43               | 1450                                 | 200                                                   | 20  | 2900   | C3W2013 | 55   |
| 15                                                        | 3.96               | 1450                                 | 200                                                   | 20  | 2900   | C3W2015 | 55   |
| 21                                                        | 5.55               | 1450                                 | 200                                                   | 20  | 2900   | C3W2021 | 55   |

### Up to 85°C (185°F)

PUMPS LISTED ACCORDING TO FLOW RATE  
 TABELLE POMPES ORDONNÉES SUIVANT LE DÉBIT  
 PUMPENTABELLE NACH FÖRDERLEISTUNG ANGEORDNET  
 TABLA DE BOMBAS EN ORDEN DE CAUDAL  
 TABELLA POMPE IN ORDINE DI PORTATA

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | MOD.      | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|-----------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | Mpa | p.s.i. |           |      |
| 13                                                        | 3.43               | 1450                                 | 200                                                   | 20  | 2900   | C3W2013HT | 55   |
| 15                                                        | 3.96               | 1450                                 | 200                                                   | 20  | 2900   | C3W2015HT | 55   |
| 21                                                        | 5.55               | 1450                                 | 200                                                   | 20  | 2900   | C3W2021HT | 55   |





# C2W series

For car wash and industrial applications up to 60°C (140°F)  
 Pour car wash et applications industrielles jusqu'à 60°C (140°F)  
 Für car wash und industrielle Einsätze bis 60°C (140°F)  
 Para car wash y aplicaciones industriales hasta 60°C (140°F)  
 Per car wash e applicazioni industriali fino a 60°C (140°F)



| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza |     | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni |
|----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------|-----------------------------------------------------------|-----|--------|------------------------------------------------|-------------------------------------------------------|-----|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------|
|                                                                            | l/min                                                     | GPM<br>(U.S.A.) | bar                                                       | MPa | p.s.i. |                                                | kW                                                    | hp  | kg                                         |                                                  |                                                 | mm                                                                 |
| C2W2011                                                                    | 13                                                        | 3.43            | 200                                                       | 20  | 2900   | 1750                                           | 5,00                                                  | 6,8 | 7                                          | G1/2 F                                           | G3/8 F                                          | 242x215x122                                                        |
|                                                                            | 11                                                        | 2.91            | 200                                                       | 20  | 2900   | 1450                                           | 4,19                                                  | 5,7 |                                            | G1/2 F                                           | G3/8 F                                          |                                                                    |
| C2W2012                                                                    | 14                                                        | 3.70            | 200                                                       | 20  | 2900   | 1750                                           | 5,37                                                  | 7,3 |                                            | G1/2 F                                           | G3/8 F                                          |                                                                    |
|                                                                            | 12                                                        | 3.17            | 200                                                       | 20  | 2900   | 1450                                           | 4,55                                                  | 6,2 |                                            | G1/2 F                                           | G3/8 F                                          |                                                                    |
| C2W2013                                                                    | 15                                                        | 3.96            | 200                                                       | 20  | 2900   | 1750                                           | 5,74                                                  | 7,8 |                                            | G1/2 F                                           | G3/8 F                                          |                                                                    |
|                                                                            | 13                                                        | 3.43            | 200                                                       | 20  | 2900   | 1450                                           | 5,00                                                  | 6,8 |                                            | G1/2 F                                           | G3/8 F                                          |                                                                    |



# C3W series

For car wash and industrial applications up to 60°C (140°F)  
 Pour car wash et applications industrielles jusqu'à 60°C (140°F)  
 Für car wash und industrielle Einsätze bis 60°C (140°F)  
 Para car wash y aplicaciones industriales hasta 60°C (140°F)  
 Per car wash e applicazioni industriali fino a 60°C (140°F)



| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min<br>GPM<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar   MPa   p.s.i. | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW   hp | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensiones<br>mm |     |        |        |             |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|-----|--------|--------|-------------|
| C3W2013                                                                    | 15                                                                                    | 3.96                                                                            | 200                                            | 20                                                               | 2900                                             | 1750                                             | 5,74                                            | 7,8                                                                       | 9,5 | G1/2 F | G3/8 F | 265x223x136 |
|                                                                            | 13                                                                                    | 3.43                                                                            | 200                                            | 20                                                               | 2900                                             | 1450                                             | 5,00                                            | 6,8                                                                       |     | G1/2 F | G3/8 F |             |
| C3W2015                                                                    | 18                                                                                    | 4.76                                                                            | 200                                            | 20                                                               | 2900                                             | 1750                                             | 6,91                                            | 9,4                                                                       |     | G1/2 F | G3/8 F |             |
|                                                                            | 15                                                                                    | 3.96                                                                            | 200                                            | 20                                                               | 2900                                             | 1450                                             | 5,74                                            | 7,8                                                                       |     | G1/2 F | G3/8 F |             |
|                                                                            | 10                                                                                    | 2.64                                                                            | 200                                            | 20                                                               | 2900                                             | 950                                              | 3,82                                            | 5,2                                                                       |     | G1/2 F | G3/8 F |             |
| C3W2021                                                                    | 21                                                                                    | 5.55                                                                            | 200                                            | 20                                                               | 2900                                             | 1450                                             | 8,00                                            | 10,9                                                                      |     | G1/2 F | G3/8 F |             |
|                                                                            | 13                                                                                    | 3.43                                                                            | 200                                            | 20                                                               | 2900                                             | 950                                              | 5,00                                            | 6,8                                                                       |     | G1/2 F | G3/8 F |             |

## SPECIAL VERSION up to 85°C (185°F)

|           |    |      |     |    |      |      |      |      |     |        |        |             |
|-----------|----|------|-----|----|------|------|------|------|-----|--------|--------|-------------|
| C3W2013HT | 13 | 3.43 | 200 | 20 | 2900 | 1450 | 5,00 | 6,8  | 9,5 | G1/2 F | G3/8 F | 265x223x136 |
| C3W2015HT | 15 | 3.96 | 200 | 20 | 2900 | 1450 | 5,74 | 7,8  |     | G1/2 F | G3/8 F |             |
| C3W2021HT | 21 | 5.55 | 200 | 20 | 2900 | 1450 | 8,00 | 10,9 |     | G1/2 F | G3/8 F |             |

# VHT HIGH TEMPERATURE



SPECIAL SERIES



## High temperature

For industrial applications up to 85°C (185°F) according to catalogue specifications; up to 110°C (230°F) respecting the operating conditions indicated in the technical manual.

Pour applications industrielles jusqu'à 85°C (185°F) selon les spécifications du catalogue; jusqu'à 110°C (230°F) en respectant les conditions indiquées dans le manuel technique.

Für industrielle Einsätze bis 85°C (185°F) gemäß Katalogspezifikationen; bis 110°C (230°F) unter Beachtung der angegebenen Einsatzbedingungen.

Para aplicaciones industriales hasta 85°C (185°F) según las especificaciones del catálogo; hasta 110°C (230°F) en el respecto de las condiciones de uso indicadas en el manual técnico.

Per applicazioni industriali fino a 85°C (185°F) secondo le specifiche di catalogo; fino a 110°C (230°F) nel rispetto delle condizioni indicate nel manuale tecnico.

### PUMPS LISTED ACCORDING TO FLOW RATE

TABELLE POMPES ORDONNÉES SUIVANT LE DÉBIT

PUMPENTABELLE NACH FÖRDERLEISTUNG ANGEORDNET

TABLA DE BOMBAS EN ORDEN DE CAUDAL

TABELLA POMPE IN ORDINE DI PORTATA

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | MOD.     | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|----------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) | g/min                                | bar                                                   | MPa | p.s.i. |          |      |
| 11                                                        | 2.9                | 1450                                 | 140                                                   | 14  | 2030   | VHT6311  | 58   |
| 13                                                        | 3.43               | 1450                                 | 170                                                   | 17  | 2465   | VHT6313  | 58   |
| 15                                                        | 3.96               | 1750                                 | 140                                                   | 14  | 2030   | VHT6315  | 58   |
|                                                           |                    | 1450                                 | 160                                                   | 16  | 2320   | VHT4715  | 58   |
| 18                                                        | 4.75               | 1450                                 | 160                                                   | 16  | 2320   | VHT4718  | 58   |
| 21                                                        | 5.55               | 1450                                 | 140                                                   | 14  | 2030   | VHT4721  | 58   |
| 23                                                        | 6.07               | 1450                                 | 160                                                   | 16  | 2320   | VHT4723  | 58   |
| 28                                                        | 7.4                | 1750                                 | 250                                                   | 25  | 3600   | VHT6628  | 58   |
| 39                                                        | 10.3               | 1750                                 | 200                                                   | 20  | 2900   | VHT6639  | 58   |
| 46                                                        | 12.15              | 1750                                 | 170                                                   | 17  | 2465   | VHT6646  | 58   |
| 50                                                        | 13.20              | 1450                                 | 150                                                   | 15  | 2175   | VHT6650  | 58   |
| 68                                                        | 18                 | 1000                                 | 80                                                    | 8   | 1160   | VHT6968  | 58   |
| 102                                                       | 27                 | 1450                                 | 100                                                   | 10  | 1450   | VHT7095  | 58   |
| 188                                                       | 49.7               | 1000                                 | 100                                                   | 10  | 1450   | VHT71150 | 58   |

### PUMPS LISTED ACCORDING TO PRESSURE

TABELLE POMPES ORDONNÉES SUIVANT LA PRESSION

PUMPENTABELLE NACH DRUCK ANGEORDNET

TABLA DE BOMBAS EN ORDEN DE PRESIÓN

TABELLA POMPE IN ORDINE DI PRESSIONE

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | MOD.     | Pag. |
|-------------------------------------------------------|-----|--------|--------------------------------------|-----------------------------------------------------------|--------------------|----------|------|
| bar                                                   | MPa | p.s.i. | g/min                                | l/min                                                     | G.P.M.<br>(U.S.A.) |          |      |
| 80                                                    | 8   | 1160   | 1000                                 | 68                                                        | 18                 | VHT6968  | 58   |
| 100                                                   | 10  | 1450   | 1450                                 | 102                                                       | 27                 | VHT7095  | 58   |
|                                                       |     |        | 1000                                 | 188                                                       | 49.7               | VHT71150 | 58   |
| 140                                                   | 14  | 2030   | 1450                                 | 11                                                        | 2.9                | VHT6311  | 58   |
|                                                       |     |        | 1450                                 | 21                                                        | 5.55               | VHT4721  | 58   |
|                                                       |     |        | 1750                                 | 15                                                        | 3.96               | VHT6315  | 58   |
| 150                                                   | 15  | 2175   | 1450                                 | 50                                                        | 13.20              | VHT6650  | 58   |
| 160                                                   | 16  | 2320   | 1450                                 | 15                                                        | 3.96               | VHT4715  | 58   |
|                                                       |     |        | 1450                                 | 18                                                        | 4.75               | VHT4718  | 58   |
|                                                       |     |        | 1450                                 | 23                                                        | 6.07               | VHT4723  | 58   |
| 170                                                   | 17  | 2465   | 1450                                 | 13                                                        | 3.43               | VHT6313  | 58   |
|                                                       |     |        | 1750                                 | 46                                                        | 12.15              | VHT6646  | 58   |
| 200                                                   | 20  | 2900   | 1750                                 | 39                                                        | 10.3               | VHT6639  | 58   |
| 250                                                   | 25  | 3600   | 1750                                 | 28                                                        | 7.4                | VHT6628  | 58   |





# VHT series

## High Temperature

For industrial applications up to 85°C (185°F) according to catalogue specifications; up to 110°C (230°F) respecting the operating conditions indicated in the technical manual.

Pour applications industrielles jusqu'à 85°C (185°F) selon les spécifications du catalogue; jusqu'à 110°C (230°F) en respectant les conditions indiquées dans le manuel technique.

Für industrielle Einsätze bis 85°C (185°F) gemäß Katalogspezifikationen; bis 110°C (230°F) unter Beachtung der angegebenen Einsatzbedingungen.

Para aplicaciones industriales hasta 85°C (185°F) según las especificaciones del catálogo; hasta 110°C (230°F) en el respecto de las condiciones de uso indicadas en el manual técnico.

Per applicazioni industriali fino a 85°C (185°F) secondo le specifiche di catalogo; fino a 110°C (230°F) nel rispetto delle condizioni indicate nel manuale tecnico.

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza |    | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni |
|----------------------------------------------------------------------------|-----------------------------------------------------------|--------------------|-----------------------------------------------------------|-----|--------|------------------------------------------------|-------------------------------------------------------|----|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------|
|                                                                            | l/min                                                     | G.P.M.<br>(U.S.A.) | bar                                                       | MPa | p.s.i. |                                                | kW                                                    | hp |                                            |                                                  |                                                 |                                                                    |

|               |                            |     |       |     |    |      |      |       |       |      |         |       |             |                                                                                       |
|---------------|----------------------------|-----|-------|-----|----|------|------|-------|-------|------|---------|-------|-------------|---------------------------------------------------------------------------------------|
| 58.VHT series | VHT5807                    | 7   | 1.85  | 170 | 17 | 2465 | 1450 | 2,3   | 3,1   | 7,00 | G1/2F   | G3/8F | 242x215x122 |                                                                                       |
|               | VHT5808                    | 8   | 2.11  | 170 | 17 | 2465 | 1450 | 2,6   | 3,6   |      | G1/2F   | G3/8F |             |                                                                                       |
|               |                            | 10  | 2.64  | 170 | 17 | 2465 | 1750 | 3,3   | 4,4   |      | G1/2F   | G3/8F |             |                                                                                       |
|               | VHT5811                    | 11  | 2.91  | 170 | 17 | 2465 | 1450 | 3,6   | 4,9   |      | G1/2F   | G3/8F |             |                                                                                       |
|               | VHT5813                    | 13  | 3.43  | 170 | 17 | 2465 | 1450 | 4,2   | 5,8   |      | G1/2F   | G3/8F |             |                                                                                       |
|               | VHT5815                    | 15  | 3.96  | 170 | 17 | 2465 | 1750 | 4,9   | 6,6   | 7,00 | G1/2F   | G3/8F | 242x215x122 |                                                                                       |
| 47.VHT series | VHT4715                    | 15  | 3.96  | 160 | 16 | 2320 | 1450 | 4,56  | 6,2   | 14,5 | G1/2F   | G3/8F | 316x236x146 |  |
|               |                            | 10  | 2.64  | 160 | 16 | 2320 | 950  | 3,05  | 4,15  |      | G1/2F   | G3/8F |             |                                                                                       |
|               | VHT4718                    | 18  | 4.75  | 160 | 16 | 2320 | 1450 | 5,51  | 7,5   |      | G1/2F   | G3/8F |             |                                                                                       |
|               |                            | 12  | 3.17  | 160 | 16 | 2320 | 950  | 3,67  | 4,99  |      | G1/2F   | G3/8F |             |                                                                                       |
|               | VHT4721                    | 21  | 5.55  | 140 | 14 | 2030 | 1450 | 5,51  | 7,5   |      | G1/2F   | G3/8F |             |                                                                                       |
|               |                            | 17  | 4.5   | 160 | 16 | 2320 | 1200 | 5,15  | 7     |      | G1/2F   | G3/8F |             |                                                                                       |
|               |                            | 13  | 3.43  | 160 | 16 | 2320 | 950  | 3,97  | 5,4   |      | G1/2F   | G3/8F |             |                                                                                       |
|               | VHT4723                    | 23  | 6.07  | 160 | 16 | 2320 | 1450 | 7,35  | 10    |      | G1/2F   | G3/8F |             |                                                                                       |
|               |                            | 19  | 5     | 160 | 16 | 2320 | 1200 | 5,80  | 7,9   |      | G1/2F   | G3/8F |             |                                                                                       |
|               |                            | 15  | 3.96  | 160 | 16 | 2320 | 950  | 4,58  | 6,23  |      | G1/2F   | G3/8F |             |                                                                                       |
| 66.VHT series | VHT6628                    | 28  | 7.4   | 250 | 25 | 3600 | 1750 | 13,38 | 18,2  | 18,5 | G3/4F   | G3/8F | 341x243x160 |  |
|               |                            | 19  | 5     | 250 | 25 | 3600 | 1200 | 9,07  | 12,33 |      | G3/4F   | G3/8F |             |                                                                                       |
|               |                            | 15  | 3.96  | 250 | 25 | 3600 | 950  | 7,35  | 10    |      | G3/4F   | G3/8F |             |                                                                                       |
|               | VHT6635 <small>NEW</small> | 29  | 7.66  | 250 | 25 | 3600 | 1450 | 13,80 | 18,8  |      | G3/4F   | G3/8F |             |                                                                                       |
|               |                            | 35  | 9.25  | 250 | 25 | 3600 | 1750 | 16,70 | 22,7  |      | G3/4F   | G3/8F |             |                                                                                       |
|               | VHT6639                    | 39  | 10.3  | 200 | 20 | 2900 | 1750 | 14,70 | 20    |      | G3/4F   | G3/8F |             |                                                                                       |
|               |                            | 32  | 8.45  | 200 | 20 | 2900 | 1450 | 12,20 | 16,6  |      | G3/4F   | G3/8F |             |                                                                                       |
|               | VHT6646                    | 46  | 12.15 | 170 | 17 | 2465 | 1750 | 14,70 | 20    |      | G3/4F   | G3/8F |             |                                                                                       |
|               |                            | 38  | 10.04 | 200 | 20 | 2900 | 1450 | 14,51 | 19,74 |      | G3/4F   | G3/8F |             |                                                                                       |
|               | VHT6650                    | 50  | 13,20 | 150 | 15 | 2175 | 1450 | 14,70 | 20    | 18,5 | G3/4F   | G3/8F | 341x243x160 |                                                                                       |
| 69.VHT series | VHT6968                    | 68  | 18    | 80  | 8  | 1160 | 1000 | 11,02 | 15    | 25,8 | G1 F    | G3/4F | 355x300x210 |                                                                                       |
|               |                            |     |       |     |    |      |      |       |       |      |         |       |             |                                                                                       |
| 70.VHT series | VHT7095                    | 102 | 27    | 100 | 10 | 1450 | 1450 | 19,50 | 26,5  | 37   | G1 F    | G1/2F | 388x341x195 |                                                                                       |
|               |                            | 95  | 25.0  | 100 | 10 | 1450 | 1350 | 18,20 | 24,7  |      | G1 F    | G1/2F |             |                                                                                       |
|               |                            | 85  | 22.5  | 100 | 10 | 1450 | 1200 | 16,30 | 22,1  |      | G1 F    | G1/2F |             |                                                                                       |
| 71.VHT series | VHT71150                   | 188 | 49.7  | 100 | 10 | 1450 | 1000 | 35,90 | 48,8  | 73   | G1-1/2F | G1 F  | 526x367x253 |                                                                                       |
|               |                            | 170 | 44.9  | 110 | 11 | 1595 | 900  | 35,70 | 48,6  |      | G1-1/2F | G1 F  |             |                                                                                       |
|               |                            | 150 | 39.6  | 110 | 11 | 1595 | 800  | 31,50 | 42,8  |      | G1-1/2F | G1 F  |             |                                                                                       |



**58.VHT series**

NEW



**47.VHT series**



**66.VHT series**



NEW  
mod.  
VHT6650  
mod.  
VHT6635



**69.VHT series**



**70.VHT series**



**71.VHT series**

# MISTING



SPECIAL SERIES



# Pumps and motorpumps for misting Pompes et motopompes pour brumisation Pumpen und Motorpumpen für Befeuchtung Bombas y motobombas para humidificación Pompe e motopompe per umidificazione

PUMPS LISTED ACCORDING TO **FLOW RATE**  
TABELLE POMPES ORDONNÉES SUIVANT LE **DÉBIT**  
PUMPENTABELLE NACH **FÖRDERLEISTUNG** ANGEORDNET  
TABLA DE BOMBAS EN ORDEN DE **CAUDAL**  
TABELLA POMPE IN ORDINE DI **PORTATA**

PUMPS LISTED ACCORDING TO **PRESSURE**  
TABELLE POMPES ORDONNÉES SUIVANT LA **PRESSION**  
PUMPENTABELLE NACH **DRUCK** ANGEORDNET  
TABLA DE BOMBAS EN ORDEN DE **PRESIÓN**  
TABELLA POMPE IN ORDINE DI **PRESSIONE**

## Pumps

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | MOD.   | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|--------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | Mpa | p.s.i. |        |      |
| 1                                                         | 0.26               | 1450                                 | 100                                                   | 10  | 1450   | FE5101 | 62   |
| 2                                                         | 0.52               | 1450                                 | 100                                                   | 10  | 1450   | FE5102 | 62   |
| 4                                                         | 1.05               | 1450                                 | 100                                                   | 10  | 1450   | FE5104 | 62   |
| 6                                                         | 1.59               | 1450                                 | 100                                                   | 10  | 1450   | FE5106 | 62   |
| 8                                                         | 2.11               | 1450                                 | 100                                                   | 10  | 1450   | FE5108 | 62   |

## Pumps

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | MOD.   | Pag. |
|-------------------------------------------------------|-----|--------|--------------------------------------|-----------------------------------------------------------|--------------------|--------|------|
| bar                                                   | Mpa | p.s.i. |                                      | l/min                                                     | G.P.M.<br>(U.S.A.) |        |      |
| 100                                                   | 10  | 1450   | 1450                                 | 1                                                         | 0.26               | FE5101 | 62   |
|                                                       |     |        | 1450                                 | 2                                                         | 0.52               | FE5102 | 62   |
|                                                       |     |        | 1450                                 | 4                                                         | 1.05               | FE5104 | 62   |
|                                                       |     |        | 1450                                 | 6                                                         | 1.59               | FE5106 | 62   |
|                                                       |     |        | 1450                                 | 8                                                         | 2.11               | FE5108 | 62   |

## Motorpumps

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | MOD.    | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|---------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | Mpa | p.s.i. |         |      |
| 1                                                         | 0.26               | 1450                                 | 100                                                   | 10  | 1450   | M51012F | 64   |
|                                                           |                    | 1450                                 | 100                                                   | 10  | 1450   | M51012  | 64   |
| 2                                                         | 0.52               | 1450                                 | 100                                                   | 10  | 1450   | M51022F | 64   |
|                                                           |                    | 1450                                 | 100                                                   | 10  | 1450   | M51022  | 64   |
| 4                                                         | 1.06               | 1450                                 | 100                                                   | 10  | 1450   | M51042F | 64   |
|                                                           |                    | 1450                                 | 100                                                   | 10  | 1450   | M51042  | 64   |
| 6                                                         | 1.58               | 1450                                 | 90                                                    | 9   | 1300   | M51062F | 64   |
|                                                           |                    | 1450                                 | 90                                                    | 9   | 1300   | M51062  | 64   |
| 8                                                         | 2.11               | 1450                                 | 70                                                    | 7   | 1015   | M51082  | 64   |

|   |      |      |    |   |      |                 |    |
|---|------|------|----|---|------|-----------------|----|
| 1 | 0.26 | 1450 | 70 | 7 | 1015 | QUIKY-HU 1/70EU | 64 |
| 2 | 0.52 | 1450 | 70 | 7 | 1015 | QUIKY-HU 2/70EU | 64 |
|   |      | 1750 | 70 | 7 | 1015 | QUIKY-HU 2/70US | 64 |
| 4 | 1.06 | 1450 | 70 | 7 | 1015 | QUIKY-HU 4/70EU | 64 |
|   |      | 1750 | 70 | 7 | 1015 | QUIKY-HU 4/70US | 64 |
| 8 | 2.11 | 1450 | 70 | 7 | 1015 | QUIKY-HU 8/70EU | 64 |
|   |      | 1750 | 70 | 7 | 1015 | QUIKY-HU 8/70US | 64 |

## Motorpumps

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | MOD.            | Pag. |
|-------------------------------------------------------|-----|--------|--------------------------------------|-----------------------------------------------------------|--------------------|-----------------|------|
| bar                                                   | Mpa | p.s.i. |                                      | l/min                                                     | G.P.M.<br>(U.S.A.) |                 |      |
| 70                                                    | 7   | 1015   | 1450                                 | 8                                                         | 2.11               | M51082          | 64   |
|                                                       |     |        | 1450                                 | 6                                                         | 1.58               | M51062F         | 64   |
|                                                       |     |        | 1450                                 | 6                                                         | 1.58               | M51062          | 64   |
|                                                       |     |        | 1450                                 | 1                                                         | 0.26               | M51012F         | 64   |
|                                                       |     |        | 1450                                 | 1                                                         | 0.26               | M51012          | 64   |
| 100                                                   | 10  | 1450   | 1450                                 | 2                                                         | 0.52               | M51022F         | 64   |
|                                                       |     |        | 1450                                 | 2                                                         | 0.52               | M51022          | 64   |
|                                                       |     |        | 1450                                 | 4                                                         | 1.06               | M51042F         | 64   |
|                                                       |     |        | 1450                                 | 4                                                         | 1.06               | M51042          | 64   |
|                                                       |     |        | 1450                                 | 1                                                         | 0.26               | QUIKY-HU 1/70EU | 64   |
| 70                                                    | 7   | 1015   | 1450                                 | 2                                                         | 0.52               | QUIKY-HU 2/70EU | 64   |
|                                                       |     |        | 1750                                 | 2                                                         | 0.52               | QUIKY-HU 2/70US | 64   |
|                                                       |     |        | 1450                                 | 4                                                         | 1.06               | QUIKY-HU 4/70EU | 64   |
|                                                       |     |        | 1750                                 | 4                                                         | 1.06               | QUIKY-HU 4/70US | 64   |
|                                                       |     |        | 1450                                 | 8                                                         | 2.11               | QUIKY-HU 8/70EU | 64   |
| 70                                                    | 7   | 1015   | 1750                                 | 8                                                         | 2.11               | QUIKY-HU 8/70US | 64   |





# Misting pumps



**51 series**



**51 series  
M version**  
Built-in pressure regulator

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min<br>GPM<br>(U.S.A.) | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW hp | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni<br>mm |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|

## 51 series

|           |        |     |      |     |    |      |      |      |      |             |       |       |                               |
|-----------|--------|-----|------|-----|----|------|------|------|------|-------------|-------|-------|-------------------------------|
| 51 series | FE5101 | 1   | 0.26 | 100 | 10 | 1450 | 1450 | 0,21 | 0,28 | 5,2<br>(6)* | G3/8F | G3/4F | 177x175x130<br>(205x175x177)* |
|           |        | 1,2 | 0.32 | 100 | 10 | 1450 | 1750 | 0,25 | 0,33 |             | G3/8F | G3/4F |                               |
|           | FE5102 | 2   | 0.52 | 100 | 10 | 1450 | 1450 | 0,42 | 0,57 |             | G3/8F | G3/4F |                               |
|           |        | 2,4 | 0.64 | 100 | 10 | 1450 | 1750 | 0,5  | 0,68 |             | G3/8F | G3/4F |                               |
|           | FE5104 | 4   | 1.05 | 100 | 10 | 1450 | 1450 | 0,79 | 1,07 |             | G3/8F | G3/4F |                               |
|           |        | 4,8 | 1.27 | 100 | 10 | 1450 | 1750 | 0,95 | 1,28 |             | G3/8F | G3/4F |                               |
|           | FE5106 | 6   | 1.59 | 100 | 10 | 1450 | 1450 | 1,23 | 1,68 |             | G3/8F | G3/4F |                               |
|           |        | 7,2 | 1.9  | 100 | 10 | 1450 | 1750 | 1,48 | 2,01 |             | G3/8F | G3/4F |                               |
|           | FE5108 | 8   | 2.11 | 100 | 10 | 1450 | 1450 | 1,55 | 2,11 |             | G3/8F | G3/4F |                               |
|           |        | 9,6 | 2.54 | 100 | 10 | 1450 | 1750 | 1,87 | 2,54 |             | G3/8F | G3/4F |                               |

\* "M" VERSION WITH PRESSURE REGULATOR INTEGRATED IN THE PUMP HEAD  
 VERSION "M" AVEC RÉGULATEUR DE PRESSION INTÉGRÉ DANS LA CULASSE  
 AUSFÜHRUNG "M" MIT ANGEKOPFENEM DRUCKREGELVENTIL  
 VERSIÓN "M" CON REGULADOR DE PRESIÓN INCORPORADO EN LA CULATA  
 VERSIONE "M" CON REGOLATORE DI PRESSIONE INCORPORATO NELLA TESTATA

**Inlet - Outlet:** the dimensions shown are referred to the pump without valve / **Entrée - Sortie:** Les dimensions indiquées se réfèrent à la pompe sans régulateur / **Eingang - Ausgang:** Die angegebenen Maße beziehen sich auf die Pumpe ohne Druckregelventil / **Entrada - Salida:** Las dimensiones indicadas se refieren a la bomba sin regulador / **Entrata - Uscita:** Le misure indicate sono riferite alla pompa senza valvola

## AVAILABLE ACCESSORIES FOR MISTING PUMPS - ACCESSOIRES DISPONIBLES POUR POMPES DE BRUMISATION LIEFERBARES ZUBEHÖR FÜR BEFEUCHTUNGSPUMPEN - ACCESORIOS DISPONIBLES PARA BOMBAS HUMIDIFICACION ACCESSORI DISPONIBILI PER POMPE MISTING



**PRESSURE GAUGE**  
See pag.104

**MANOMÈTRE**  
Voir pag.104

**MANOMETER**  
S. Seite.104

**MANÓMETRO**  
Ver pag.104

**MANOMETRO**  
Vedi pag.104



**FLANGES AND FLEXIBLE COUPLINGS** for electric motors  
MEC 71, MEC 80, MEC 90 - See pag.106/107

**BRIDES ET ACCOUPLEMENTS ÉLASTIQUES** pour moteurs électriques MEC 71, MEC 80, MEC 90 - Voir pag.106/107

**FLANSCHEN UND ELASTISCHE KUPPLUNGEN** für Elektromotoren MEC 71, MEC 80, MEC 90 - S. Seite 106/107

**BRIDAS Y ACOPLER ELÁSTICOS** para motores eléctricos MEC 71, MEC 80, MEC 90 - Ver pag.1106/107

**FLANGE E GIUNTI** per motori elettrici MEC 71, MEC 80, MEC 90 - Vedi pag.106/107



**PRESSURE REGULATOR - RÉGULATEUR DE PRESSION - DRUCKREGELVENTIL  
 REGULADOR DE PRESIÓN - REGOLATORE DI PRESSIONE**

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min GPM (U.S.A.) | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass      |
|------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------|
| <b>HXM</b>                                     | <b>130 13 1900</b>                                                          | <b>15 4</b>                                                                     | <b>0,25</b>                                      | <b>G3/8M</b>                                     | <b>G3/8M</b>                                    | <b>G3/8M</b> |

**Inlet - Outlet:** the dimensions shown are referred to the pump without valve / **Entrée - Sortie:** Les dimensions indiquées se réfèrent à la pompe sans régulateur / **Eingang - Ausgang:** Die angegebenen Maße beziehen sich auf die Pumpe ohne Druckregelventil / **Entrada - Salida:** Las dimensiones indicadas se refieren a la bomba sin regulador / **Entrata - Uscita:** Le misure indicate sono riferite alla pompa senza valvola



# Misting motorpumps



**M51012F / M51022F  
M51042F / M51062F**



**M51012 / M51022  
M51042 / M51062  
M51082**



**QUIKY-HU**

All models are standard equipped with on-off switch, power cord with plug and pressure regulating valve.

Tous les modèles sont équipés de série avec interrupteur, câble électrique avec fiche et régulateur de pression.

Alle Modelle sind standardmäßig mit ein-aus Schalter, Kabel mit Stecker und Druckregelventil ausgerüstet.

Todos los modelos vienen equipados en standard con interruptor, cable eléctrico con enchufe y regulador de presión.

Tutti i modelli sono equipaggiati di serie con interruttore, cavo di alimentazione con spina e valvola di regolazione pressione.

| MODEL<br>MODÈLE<br>MODELL<br>MODELO<br>MODELLO | PUMP DATA - DONNÉES POMPE<br>PUMPENDATEN - DATOS BOMBA<br>DATI POMPA |                                                           |                                                |                                                                                                  |                                                                    | MOTOR DATA - DONNÉES MOTEUR<br>MOTORENDATEN - DATOS MOTOR<br>DATI MOTORE |  |  |  |  |  |
|------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------|--|--|--|--|--|
|                                                | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata            | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Input Power<br>Puissance absorbée<br>Aufnahmeleistung<br>Potencia absorbida<br>Potenza assorbita | Singlephase<br>Monophasé<br>Wechselstrom<br>Monofásico<br>Monofase | Dimensions<br>Dimensions<br>Dimension<br>Dimensiones<br>Dimensioni       |  |  |  |  |  |
|                                                | l/min<br>GPM<br>(U.S.A.)                                             | bar MPa p.s.i.                                            |                                                | kW                                                                                               | V. A. Hz.                                                          | mm                                                                       |  |  |  |  |  |

Flange and flexible coupling / Flansch und elastische Kupplung / Bride et accouplement élastique  
Brida y acoplamiento elástico / Flangia e giunto elastico

|         |   |      |     |    |      |      |      |     |     |    |                |
|---------|---|------|-----|----|------|------|------|-----|-----|----|----------------|
| M51012F | 1 | 0.26 | 100 | 10 | 1450 | 1450 | 0,55 | 230 | 2,6 | 50 | 453,5x208x188h |
| M51022F | 2 | 0.52 | 100 | 10 | 1450 |      | 0,80 |     | 3,8 |    |                |
| M51042F | 4 | 1.06 | 100 | 10 | 1450 |      | 1,15 |     | 5,5 |    | 471x217x196h   |
| M51062F | 6 | 1.58 | 90  | 90 | 1300 |      | 1,70 |     | 8,2 |    |                |

Direct drive / Direktantrieb / Accouplement direct / Acople directo / Accoppiamento diretto

|                                                                                          |   |      |     |    |      |      |      |     |     |    |                |
|------------------------------------------------------------------------------------------|---|------|-----|----|------|------|------|-----|-----|----|----------------|
| M51012                                                                                   | 1 | 0.26 | 100 | 10 | 1450 | 1450 | 0,55 | 230 | 2,6 | 50 | 363,5x208x188h |
| M51022                                                                                   | 2 | 0.52 | 100 | 10 | 1450 |      | 0,80 |     | 3,8 |    | 408x217x196h   |
| M51042                                                                                   | 4 | 1.06 | 100 | 10 | 1450 |      | 1,15 |     | 5,5 |    |                |
| M51062                                                                                   | 6 | 1.58 | 90  | 90 | 1300 |      | 1,70 |     | 8,2 |    |                |
| M51082  | 8 | 2.11 | 70  | 70 | 1015 |      | 1,70 |     | 8,2 |    |                |

|                  |   |      |    |    |      |      |      |     |      |    |              |
|------------------|---|------|----|----|------|------|------|-----|------|----|--------------|
| QUIKY-HU 1/70 EU | 1 | 0.26 | 70 | 70 | 1015 | 1450 | 0,58 | 230 | 2,8  | 50 | 365x235x240h |
| QUIKY-HU 2/70 EU | 2 | 0.52 | 70 | 70 | 1015 |      | 0,66 |     | 3,2  |    |              |
| QUIKY-HU 4/70 EU | 4 | 1.06 | 70 | 70 | 1015 |      | 0,82 |     | 4,0  |    |              |
| QUIKY-HU 8/70 EU | 8 | 2.11 | 70 | 70 | 1015 |      | 1,35 |     | 6,5  |    |              |
| QUIKY-HU 2/70 US | 2 | 0.52 | 70 | 70 | 1015 | 1750 | 1,02 | 115 | 9,6  | 60 |              |
| QUIKY-HU 4/70 US | 4 | 1.06 | 70 | 70 | 1015 |      | 1,12 |     | 10,8 |    |              |
| QUIKY-HU 8/70 US | 8 | 2.11 | 70 | 70 | 1015 |      | 1,44 |     | 13,8 |    |              |

AVAILABLE ACCESSORIES FOR MISTING MOTORPUMPS  
ACCESSOIRES DISPONIBLES POUR MOTOPOMPES DE BRUMISATION  
LIEFERBARES ZUBEHÖR FÜR BEFEUCHTUNGSMOTORPUMPEN  
ACCESSORIOS DISPONIBLES PARA MOTOBOMBAS HUMIDIFICACION  
ACCESSORI DISPONIBILI PER MOTOPOMPE MISTING



PRESSURE GAUGE See pag.104  
MANOMÈTRE Voir pag.104  
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MANÓMETRO Ver pag.104  
MANOMETRO Vedi pag.104



Set consisting of rubber vibration dampeners and handle (except for QUIKY -HU)  
Jeu composé par pieds antivibrations en caoutchouc et poignée de transport (sauf QUIKY-HU)  
Satz bestehend aus Gummi-Vibrationsdämpfer und Tragegriff (ausgenommen QUIKY-HU)  
Juego de pies antivibraciones en caucho y mango de transporte (excepto QUIKY-HU)  
Set composto da manico e piedini antivibrazioni in gomma (escluso QUIKY-HU)

| Set p.n.<br>Ref. jeu<br>Satz-art-nr<br>Cod. juego<br>Codice set | Model<br>Modèle<br>Modell<br>Modelo<br>Modello |
|-----------------------------------------------------------------|------------------------------------------------|
| ZM51F71                                                         | M51012F - M51022F<br>M51042F - M51062F         |
| ZM5171                                                          | M51012 - M51022<br>M51042 - M51062 - M51082    |

# HYDRAULIC DRIVE



SPECIAL SERIES



PUMPS WITH FLANGE ACCORDING TO FLOW RATE  
POMPES AVEC BRIDE ORDONNÉES SUIVANT LE DÉBIT  
PUMPEN MIT FLANSCH NACH FÖRDERLEISTUNG ANGEORDNET  
BOMBAS CON BRIDA EN ORDEN DE CAUDAL  
POMPE CON FLANGIA IN ORDINE DI PORTATA

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |      |        | MOD.      | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|------|--------|-----------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | Mpa  | p.s.i. |           |      |
| 13,5                                                      | 3.59               | 2800                                 | 180                                                   | 18   | 2610   | E1D1835I  | 68   |
| 14                                                        | 3.70               | 1450                                 | 160                                                   | 16   | 2320   | E1B1614I  | 68   |
| 15                                                        | 3.96               | 1450                                 | 250                                                   | 25   | 3625   | E3B2515I  | 68   |
| 16                                                        | 4.22               | 1750                                 | 200                                                   | 20   | 2900   | E2C2016I  | 68   |
| 21                                                        | 5.55               | 1450                                 | 210                                                   | 21   | 3045   | E3B2121I  | 68   |
| 30                                                        | 7.92               | 1450                                 | 150                                                   | 15   | 2175   | WS1630I   | 69   |
| 30                                                        | 7.92               | 1750                                 | 275                                                   | 27,5 | 4000   | T2830Y    | 69   |
| 35                                                        | 9.25               | 1750                                 | 250                                                   | 25   | 3625   | T2535Y    | 69   |
| 40                                                        | 10.56              | 1750                                 | 200                                                   | 20   | 2900   | T2040Y    | 69   |
| 50                                                        | 13.20              | 1450                                 | 90                                                    | 9    | 1300   | W1550I    | 69   |
| 50                                                        | 13.20              | 1750                                 | 172                                                   | 17,2 | 2500   | T1750Y    | 69   |
| 55                                                        | 14.50              | 1450                                 | 150                                                   | 15   | 2175   | W1555Y    | 69   |
| 70                                                        | 18.50              | 1450                                 | 150                                                   | 15   | 2175   | W1570Y    | 69   |
| 80                                                        | 21.10              | 1000                                 | 100                                                   | 10   | 1450   | WK8I      | 70   |
| 100                                                       | 26.40              | 1450                                 | 100                                                   | 10   | 1450   | W100100HI | 70   |

FLANGES - BRIDES - FLANSCHEN  
BRIDAS - FLANGE

| Pump series-Modèle pompe<br>Pumpenmodell<br>Modelo bomba-Serie Pompe | MOD.    | Pag. |
|----------------------------------------------------------------------|---------|------|
| 47 - MF2 - 47VHT<br>66 - 66SS - 66VHT<br>E3 - C3W - SS3              | ZFH47SB | 71   |
| 70 - 70SS - 70VHT                                                    | ZFH70SB | 71   |
| 71 - 71SS - 71VHT                                                    | ZFH71SC | 71   |

PUMPS WITH HYDRAULIC MOTOR ACCORDING TO FLOW RATE  
POMPES AVEC MOTEUR HYDRAULIQUE ORDONNÉES SUIVANT LE DÉBIT  
PUMPEN MIT HYDRAULIKMOTOR NACH FÖRDERLEISTUNG ANGEORDNET  
BOMBAS CON MOTOR HIDRAULICO EN ORDEN DE CAUDAL  
POMPE CON MOTORE IDRAULICO IN ORDINE DI PORTATA

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |      |        | MOD.               | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|------|--------|--------------------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | Mpa  | p.s.i. |                    |      |
| 13,5                                                      | 3.59               | 2800                                 | 180                                                   | 18   | 2610   | E1D1835I HYPACK8   | 72   |
| 14                                                        | 3.70               | 1450                                 | 160                                                   | 16   | 2320   | E1B1614I HYPACK8   | 72   |
| 14                                                        | 3.70               | 1450                                 | 160                                                   | 16   | 2320   | E1B1614I HYPACK14  | 72   |
| 15                                                        | 3.96               | 1450                                 | 250                                                   | 25   | 3625   | E3B2515I HYPACK26  | 72   |
| 16                                                        | 4.22               | 1750                                 | 200                                                   | 20   | 2900   | E2C2016I HYPACK14  | 72   |
| 21                                                        | 5.55               | 1450                                 | 210                                                   | 21   | 3045   | E3B2121I HYPACK26  | 72   |
| 30                                                        | 7.92               | 1450                                 | 150                                                   | 15   | 2175   | WS1630I HYPACK26   | 73   |
| 30                                                        | 7.92               | 1750                                 | 275                                                   | 27,5 | 4000   | T2830Y HYPACK53    | 73   |
| 35                                                        | 9.25               | 1750                                 | 250                                                   | 25   | 3625   | T2535Y HYPACK37    | 73   |
| 40                                                        | 10.56              | 1750                                 | 200                                                   | 20   | 2900   | T2040Y HYPACK37    | 73   |
| 50                                                        | 13.20              | 1450                                 | 90                                                    | 9    | 1300   | W1550I HYPACK26    | 73   |
| 50                                                        | 13.20              | 1750                                 | 172                                                   | 17,2 | 2500   | T1750Y HYPACK37    | 73   |
| 50                                                        | 13.20              | 1750                                 | 172                                                   | 17,2 | 2500   | T1750Y HYPACK53    | 73   |
| 55                                                        | 14.50              | 1450                                 | 140                                                   | 14   | 2030   | W1555Y HYPACK37    | 73   |
| 70                                                        | 18.50              | 1450                                 | 150                                                   | 15   | 2175   | W1570Y HYPACK53    | 73   |
| 80                                                        | 21.10              | 1000                                 | 100                                                   | 10   | 1450   | WK8I HYPACK62      | 74   |
| 100                                                       | 26.40              | 1450                                 | 100                                                   | 10   | 1450   | W100100HI HYPACK62 | 74   |

## Solutions for hydraulic motors Solutions pour moteurs hydrauliques Lösungen für Hydraulikmotoren Soluciones para motores hidráulicos Soluzioni per motori idraulici

PUMPS WITH FLANGE ACCORDING TO PRESSURE  
POMPES AVEC BRIDE ORDONNÉES SUIVANT LA PRESSION  
PUMPEN MIT FLANSCH NACH DRUCK ANGEORDNET  
BOMBAS CON BRIDA EN ORDEN DE PRESIÓN  
POMPE CON FLANGIA IN ORDINE DI PRESSIONE

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |      |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | MOD.      | Pag. |
|-------------------------------------------------------|------|--------|--------------------------------------|-----------------------------------------------------------|--------------------|-----------|------|
| bar                                                   | Mpa  | p.s.i. |                                      | l/min                                                     | G.P.M.<br>(U.S.A.) |           |      |
| 90                                                    | 9    | 1300   | 1450                                 | 50                                                        | 13.20              | W1550I    | 69   |
| 100                                                   | 10   | 1450   | 1000                                 | 80                                                        | 21.10              | WK8I      | 70   |
| 100                                                   | 10   | 1450   | 1450                                 | 100                                                       | 26.40              | W100100HI | 70   |
| 150                                                   | 15   | 2175   | 1450                                 | 55                                                        | 14.50              | W1555Y    | 69   |
| 150                                                   | 15   | 2175   | 1450                                 | 30                                                        | 7.92               | WS1630I   | 69   |
| 150                                                   | 15   | 2175   | 1450                                 | 70                                                        | 18.50              | W1570Y    | 69   |
| 160                                                   | 16   | 2320   | 1450                                 | 14                                                        | 3.70               | E1B1614I  | 68   |
| 172                                                   | 17,2 | 2500   | 1750                                 | 50                                                        | 13.20              | T1750Y    | 69   |
| 180                                                   | 18   | 2610   | 2800                                 | 13,5                                                      | 3.59               | E1D1835I  | 68   |
| 200                                                   | 20   | 2900   | 1750                                 | 16                                                        | 4.22               | E2C2016I  | 68   |
| 200                                                   | 20   | 2900   | 1750                                 | 40                                                        | 10.56              | T2040Y    | 69   |
| 210                                                   | 21   | 3045   | 1450                                 | 21                                                        | 5.55               | E3B2121I  | 68   |
| 250                                                   | 25   | 3625   | 1450                                 | 15                                                        | 3.96               | E3B2515I  | 68   |
| 250                                                   | 25   | 3625   | 1750                                 | 35                                                        | 9.25               | T2535Y    | 69   |
| 275                                                   | 27,5 | 4000   | 1750                                 | 30                                                        | 7.92               | T2830Y    | 69   |

FLEXIBLE COUPLINGS - ACCOUPLEMENTS ELASTIQUES  
ELASTISCHE KUPPLUNGEN - ACOPLAMIENTOS ELÁSTICOS  
GIUNTI ELASTICI

| Pump series-Modèle pompe<br>Pumpenmodell<br>Modelo bomba-Serie Pompe | MOD.    | Pag. |
|----------------------------------------------------------------------|---------|------|
| 47 - MF2 - 47VHT<br>66 - 66SS - 66VHT<br>E3 - C3W - SS3              | ZGH47SB | 71   |
| 70 - 70SS - 70VHT                                                    | ZGH70SB | 71   |
| 71 - 71SS - 71VHT                                                    | ZGH71SC | 71   |

PUMPS WITH HYDRAULIC MOTOR ACCORDING TO PRESSURE  
POMPES AVEC MOTEUR HYDRAULIQUE ORDONNÉES SUIVANT LA PRESSION  
PUMPEN MIT HYDRAULIKMOTOR NACH DRUCK ANGEORDNET  
BOMBAS CON MOTOR HIDRAULICO EN ORDEN DE PRESIÓN  
POMPE CON MOTORE IDRAULICO IN ORDINE DI PRESSIONE

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |      |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | MOD.               | Pag. |
|-------------------------------------------------------|------|--------|--------------------------------------|-----------------------------------------------------------|--------------------|--------------------|------|
| bar                                                   | Mpa  | p.s.i. |                                      | l/min                                                     | G.P.M.<br>(U.S.A.) |                    |      |
| 90                                                    | 9    | 1300   | 1450                                 | 50                                                        | 13.20              | W1550I HYPACK26    | 73   |
| 100                                                   | 10   | 1450   | 1000                                 | 80                                                        | 21.10              | WK8I HYPACK62      | 74   |
| 100                                                   | 10   | 1450   | 1450                                 | 100                                                       | 26.40              | W100100HI HYPACK62 | 74   |
| 140                                                   | 14   | 2030   | 1450                                 | 55                                                        | 14.50              | W1555Y HYPACK37    | 73   |
| 150                                                   | 15   | 2175   | 1450                                 | 30                                                        | 7.92               | WS1630I HYPACK26   | 73   |
| 150                                                   | 15   | 2175   | 1450                                 | 70                                                        | 18.50              | W1570Y HYPACK53    | 73   |
| 160                                                   | 16   | 2320   | 1450                                 | 14                                                        | 3.70               | E1B1614I HYPACK8   | 72   |
| 160                                                   | 16   | 2320   | 1450                                 | 14                                                        | 3.70               | E1B1614I HYPACK14  | 72   |
| 172                                                   | 17,2 | 2500   | 1750                                 | 50                                                        | 13.20              | T1750Y HYPACK37    | 73   |
| 172                                                   | 17,2 | 2500   | 1750                                 | 50                                                        | 13.20              | T1750Y HYPACK53    | 73   |
| 180                                                   | 18   | 2610   | 2800                                 | 13,5                                                      | 3.59               | E1D1835I HYPACK8   | 72   |
| 200                                                   | 20   | 2900   | 1750                                 | 16                                                        | 4.22               | E2C2016I HYPACK14  | 72   |
| 200                                                   | 20   | 2900   | 1750                                 | 40                                                        | 10.56              | T2040Y HYPACK37    | 73   |
| 210                                                   | 21   | 3045   | 1450                                 | 21                                                        | 5.55               | E3B2121I HYPACK26  | 72   |
| 250                                                   | 25   | 3625   | 1750                                 | 35                                                        | 9.25               | T2535Y HYPACK37    | 73   |
| 250                                                   | 25   | 3625   | 1450                                 | 15                                                        | 3.96               | E3B2515I HYPACK26  | 72   |
| 275                                                   | 27,5 | 4000   | 1750                                 | 30                                                        | 7.92               | T2830Y HYPACK53    | 73   |



# Hydraulic drive

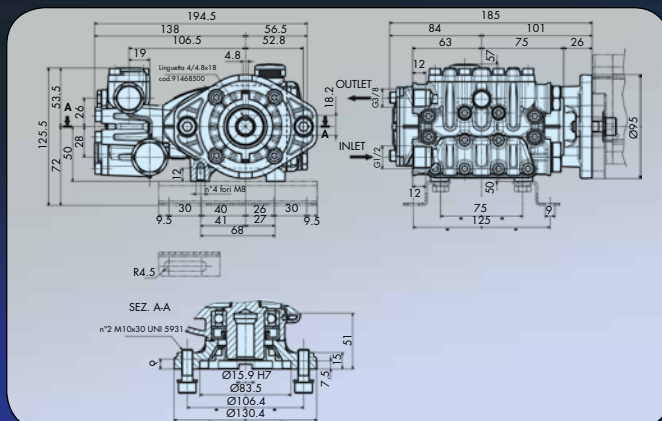
- Pumps complete with flange for hydraulic motor SAE J744-A. Cyl. shaft d. 5/8". Shaft key supplied standard with the pump.
- Pompes complètes de bride pour moteur hydraulique SAE J744-A. Arbre cyl. d. 5/8". Clavette fournie standard avec la pompe.
- Pumpen komplett mit Flansch für Hydraulikmotor SAE J744-A. Zyl. Welle d. 5/8". Keil standardmäßig mit der Pumpe geliefert.
- Bombas completas de brida para motor hidráulico SAE J744-A. Eje cil. d. 5/8". Chaveta suministrada de serie con la bomba.
- Pompe complete di flangia per motore idraulico SAE J744-A. Albero cil. 5/8". Linguetta fornita in dotazione.



**E1D1835I**  
**E1B1614I**



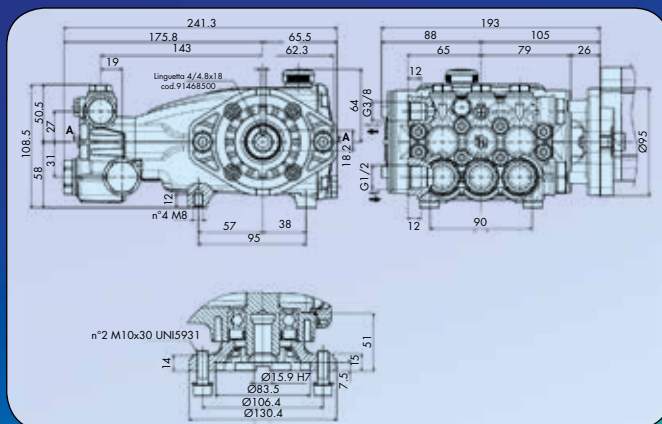
**VH VERSION**



**E2C2016I**

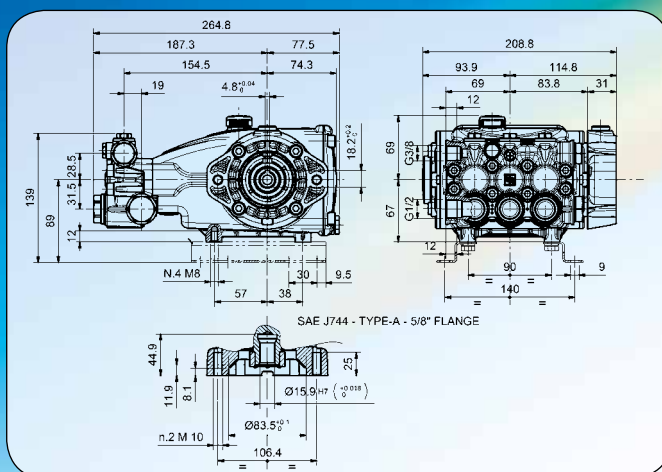


**VH VERSION**



**E3B2515I**  
**E3B2121I**

**VH VERSION**



- Rails kit available on request • Kit pieds disponible sûr requête
- Kit FüÙe lieferbar auf Wunsch • Kit pies disponible bajo pedido
- Kit piedi disponibile su richiesta: Cod.ZFEET59H22

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min      GPM<br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW      hp |      | Torque<br>Couple<br>Drehmoment<br>Par<br>Coppia<br>Nm | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Ausgang<br>Salida<br>Uscita |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|----|------|------------------------------------------------|---------------------------------------------------------------------|------|-------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------------------------------------------------------------|
| E1D1835I                                                                   | 13,5                                                                                    | 3.59 | 180                                                                               | 18 | 2610 | 2800                                           | 4,63                                                                | 6,3  | 16                                                    | 5,8                                              | G1/2 F                                           | G3/8 F                                                     |
| E1B1614I                                                                   | 14                                                                                      | 3.70 | 160                                                                               | 16 | 2320 | 1450                                           | 4,26                                                                | 5,8  | 28                                                    | 5,8                                              | G1/2 F                                           | G3/8 F                                                     |
| E2C2016I                                                                   | 16                                                                                      | 4.22 | 200                                                                               | 20 | 2900 | 1750                                           | 6,10                                                                | 8,3  | 33                                                    | 7,8                                              | G1/2 F                                           | G3/8 F                                                     |
| E3B2515I                                                                   | 15                                                                                      | 3.96 | 250                                                                               | 25 | 3625 | 1450                                           | 7,13                                                                | 9,7  | 47                                                    | 10,0                                             | G1/2 F                                           | G3/8 F                                                     |
|                                                                            | 20                                                                                      | 5.28 | 250                                                                               | 25 | 3625 | 1950                                           | 9,63                                                                | 13,1 | 47                                                    | 10,0                                             | G1/2 F                                           | G3/8 F                                                     |
| E3B2121I                                                                   | 21                                                                                      | 5.55 | 210                                                                               | 21 | 3045 | 1450                                           | 8,46                                                                | 11,5 | 56                                                    | 10,0                                             | G1/2 F                                           | G3/8 F                                                     |



# Hydraulic drive

- Pumps complete with flange for hydraulic motor SAE J744-A. Cyl. shaft d. 5/8". Shaft key supplied standard with the pump.
- Pompes complètes de bride pour moteur hydraulique SAE J744-A. Arbre cyl. d. 5/8". Clavette fournie standard avec la pompe.
- Pumpen komplett mit Flansch für Hydraulikmotor SAE J744-A. Zyl. Welle d. 5/8". Keil standardmäßig mit der Pumpe geliefert.
- Bombas completas de brida para motor hidráulico SAE J744-A. Eje cil. d. 5/8". Chaveta suministrada de serie con la bomba.
- Pompe complete di flangia per motore idraulico SAE J744-A. Albero cil. 5/8". Linguetta fornita in dotazione.



**WS1630I**



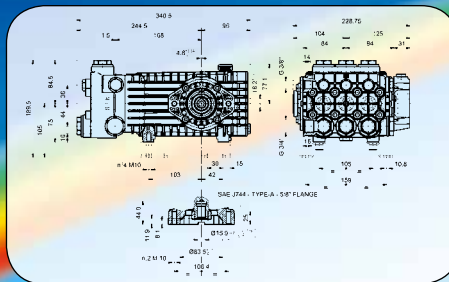
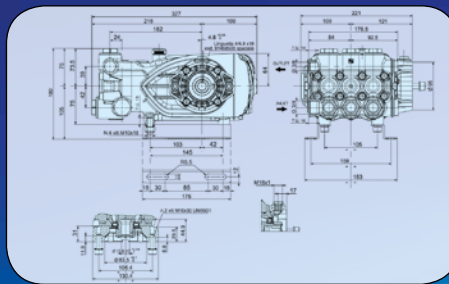
**W1550I**



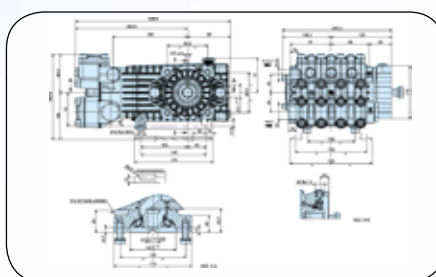
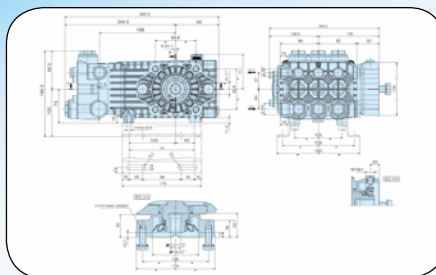
**T2535Y  
T2040Y  
T1750Y  
W1555Y  
T2830Y**



**W1570Y**



- Pumps complete with flange for hydraulic motor SAE J744-B. Cyl. shaft d. 7/8".
- Pompes complètes de bride pour moteur hydraulique SAE J744-B. Arbre cyl. d. 7/8".
- Pumpen komplett mit Flansch für Hydraulikmotor SAE J744-B. Zyl. Welle d. 7/8".
- Bombas completas de brida para motor hidráulico SAE J744-B. Eje cil. d. 7/8".
- Pompe complete di flangia per motore idraulico SAE J744-B. Albero cil. 7/8".



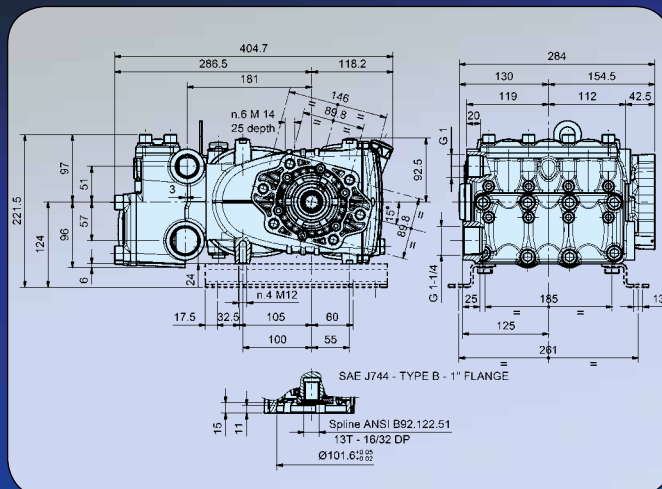
- Rails kit available on request, item ZFEET47H30
- Kit pieds disponible sur requête, code ZFEET47H30
- Kit Füße lieferbar auf Wunsch, Art. ZFEET47H30
- Kit pies disponible bajo pedido, código ZFEET47H30
- Kit piedi disponibile su richiesta, codice ZFEET47H30

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | Max. pressure<br>Pression<br>Druck<br>Presión<br>Pressione |      |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza |      | Torque<br>Couple<br>Drehmoment<br>Par<br>Coppia | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita |
|----------------------------------------------------------------------------|-----------------------------------------------------------|--------------------|------------------------------------------------------------|------|--------|------------------------------------------------|-------------------------------------------------------|------|-------------------------------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|
|                                                                            | l/min                                                     | G.P.M.<br>(U.S.A.) | bar                                                        | MPa  | p.s.i. |                                                | kW                                                    | hp   |                                                 |                                            |                                                  |                                                 |
| <b>WS1630I</b>                                                             | 30                                                        | 7.92               | 150                                                        | 15   | 2175   | 1450                                           | 8,60                                                  | 11,7 | 57                                              | 16                                         | G3/4 F                                           | G3/8 F                                          |
|                                                                            | 36                                                        | 9.51               | 150                                                        | 15   | 2175   | 1750                                           | 10,37                                                 | 14,1 | 57                                              | 16                                         | G3/4 F                                           | G3/8 F                                          |
| <b>W1550I</b>                                                              | 50                                                        | 13.20              | 90                                                         | 9    | 1300   | 1450                                           | 8,60                                                  | 11,7 | 57                                              | 19                                         | G3/4 F                                           | G3/8 F                                          |
| <b>T2830Y</b>                                                              | 30                                                        | 7.92               | 275                                                        | 27,5 | 4000   | 1750                                           | 15,50                                                 | 21   | 86                                              | 18,5                                       | G3/4 F                                           | G3/8 F                                          |
| <b>T2535Y</b>                                                              | 35                                                        | 9.25               | 250                                                        | 25   | 3625   | 1750                                           | 16,17                                                 | 22   | 91                                              | 20                                         | G3/4 F                                           | G3/8 F                                          |
| <b>T2040Y</b>                                                              | 40                                                        | 10.56              | 200                                                        | 20   | 2900   | 1750                                           | 15,44                                                 | 21   | 83                                              | 20                                         | G3/4 F                                           | G3/8 F                                          |
| <b>T1750Y</b>                                                              | 50                                                        | 13.20              | 172                                                        | 17,2 | 2500   | 1750                                           | 16,17                                                 | 22   | 90                                              | 20                                         | G3/4 F                                           | G3/8 F                                          |
| <b>W1555Y</b>                                                              | 55                                                        | 14.50              | 150                                                        | 15   | 2175   | 1450                                           | 16,17                                                 | 22   | 97                                              | 18,5                                       | G3/4 F                                           | G3/8 F                                          |
| <b>W1570Y</b>                                                              | 70                                                        | 18.50              | 150                                                        | 15   | 2175   | 1450                                           | 19,85                                                 | 27   | 132                                             | 33                                         | G1 F                                             | G1/2 F                                          |

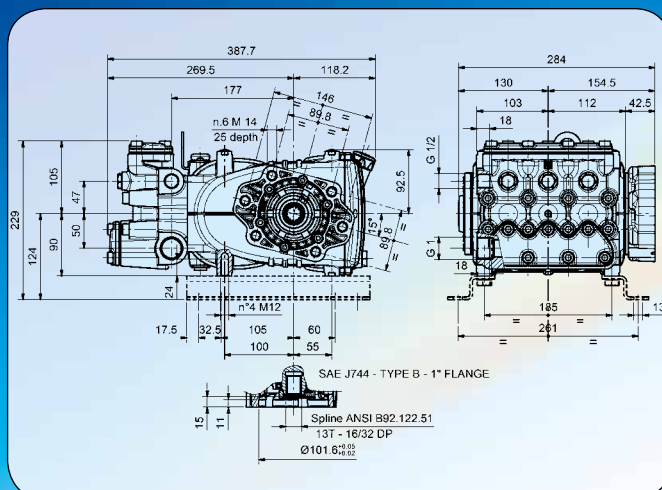
- Pumps complete with flange for hydraulic motor SAE J744-B. Splined Shaft 13T - 16/32 DP.
- Pompes complètes de bride pour moteur hydraulique SAE J744-B. Arbre cannelé 13T - 16/32 DP.
- Pumpen komplett mit Flansch für Hydraulikmotor SAE J744-B. Gerillte Welle 13T - 16/32 DP.
- Bombas completas de brida para motor hidráulico SAE J744-B. Eje estriado 13T - 16/32 DP.
- Pompe complete di flangia per motore idraulico SAE J 744-B. Albero scanalato 13T - 16/32 DP.



**WK8I**



**W100100HI**



- Rails kit available on request • Kit pieds disponible sûr requête
- Kit FüÙÙe lieferbar auf Wunsch • Kit pies disponible bajo pedido
- Kit piedi disponibile su richiesta: Cod.ZFEET68H34

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min<br>GPM<br>(U.S.A.) |       | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza<br>kW    hp |      | Torque<br>Couple<br>Drehmoment<br>Par<br>Coppia<br>Nm | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Ausgang<br>Salida<br>Uscita |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|----|------|------------------------------------------------|-------------------------------------------------------------------|------|-------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------------------------------------------------------------|
| W100100HI                                                                  | 100                                                                                   | 26.40 | 100                                                                               | 10 | 1450 | 1450                                           | 18,38                                                             | 25   | 125                                                   | 34,1                                             | G1 F                                             | G1/2 F                                                     |
| WK8I                                                                       | 80                                                                                    | 21.10 | 100                                                                               | 10 | 1450 | 1000                                           | 15,30                                                             | 20,8 | 145                                                   | 38,2                                             | G1-1/4 F                                         | G1 F                                                       |
|                                                                            | 125                                                                                   | 33.00 | 100                                                                               | 10 | 1450 | 1580                                           | 23,90                                                             | 32,5 | 145                                                   | 38,2                                             | G1-1/4 F                                         | G1 F                                                       |

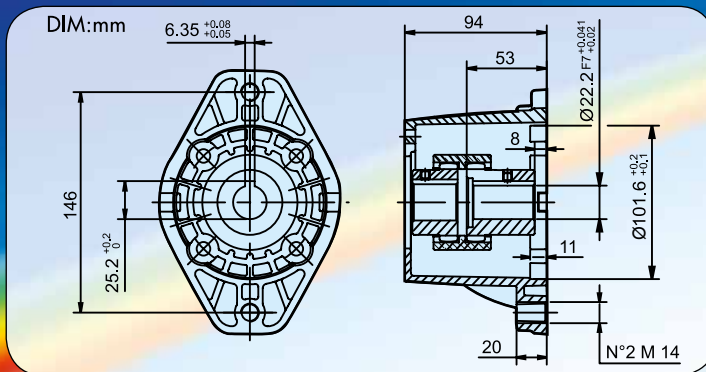
- Flanges and couplings to couple pumps from series E3-C3W-SS3-47-47VHT-MF2-66-66SS-66VHT-70-70SS-70VHT-71-71SS-71VHT to hydraulic motors SAE J 744 - Types B and C.
- Brides et accouplements pour accoupler les pompes des séries E3-C3W-SS3-47-47VHT-MF2-66-66SS-66VHT-70-70SS-70VHT-71-71SS-71VHT à moteurs hydrauliques SAE J 744 - types B et C.
- Flansche und Kupplungen für Antrieb von Pumpen der Serien E3-C3W-SS3-47-47VHT-MF2-66-66SS-66VHT-70-70SS-70VHT-71-71SS-71VHT mit Hydraulikmotoren SAE J 744 - Type B und C.
- Bidas y acoplamientos para acoplar bombas de las series E3-C3W-SS3-47-47VHT-MF2-66-66SS-66VHT-70-70SS-70VHT-71-71SS-71VHT con motores hidráulicos SAE J 744 - tipos B y C.
- Flange e giunti per accoppiamento pompe serie E3-C3W-SS3-47-47VHT-MF2-66-66SS-66VHT-70-70SS-70VHT-71-71SS-71VHT a motori idraulici SAE J 744 tipo B e tipo C.



**ZFH47SB**



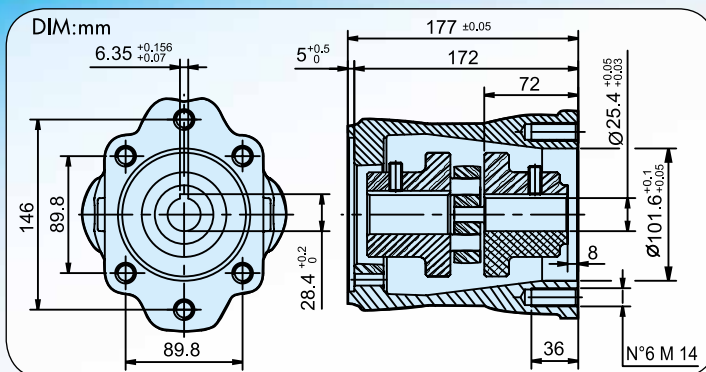
**ZGH47SB**



**ZFH70SB**



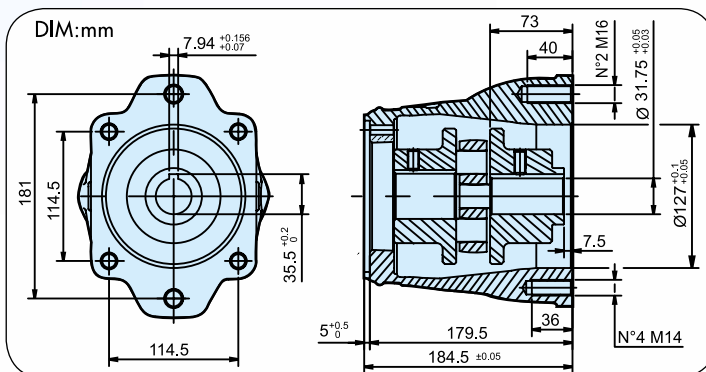
**ZGH70SB**



**ZFH71SC**



**ZGH71SC**



## FLANGES - BRIDES - FLANSCHEN - BRIDAS - FLANGE

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Motor shaft<br>Arbre moteur<br>Motorenwelle<br>Eje motor<br>Albero motore | Pump series<br>Modèle pompe<br>Pumpenmodell<br>Modelo bomba<br>Modello pompe |
|------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>ZFH47SB</b>                                 | SAE J 744 - TYPE "B"<br>2 bolts                                           | E3 - C3W - SS3<br>47 - 47VHT - 66VHT<br>66 - 66SS - MF2                      |
| <b>ZFH70SB</b>                                 | SAE J 744 - TYPE "B"<br>2 - 4 bolts                                       | 70 - 70SS - 70VHT                                                            |
| <b>ZFH71SC</b>                                 | SAE J 744 - TYPE "C"<br>2 - 4 bolts                                       | 71 - 71SS - 71VHT                                                            |

## FLEXIBLE COUPLINGS - ACCOUPLEMENTS ELASTIQUES ELASTISCHE KUPPLUNGEN - ACOPLAMIENTOS ELASTICOS GIUNTI ELASTICI

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Motor shaft<br>Arbre moteur<br>Motorenwelle<br>Eje motor<br>Albero motore | Pump series<br>Modèle pompe<br>Pumpenmodell<br>Modelo bomba<br>Modello pompe |
|------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>ZGH47SB</b>                                 | SAE J 744 - TYPE 22-1<br>Straight 7/8" - 22,22 mm                         | E3 - C3W - SS3<br>47 - 47VHT - 66VHT<br>66 - 66SS - MF2                      |
| <b>ZGH70SB</b>                                 | SAE J 744 - TYPE 25-1<br>Straight 1" - 25,4 mm                            | 70 - 70SS - 70VHT                                                            |
| <b>ZGH71SC</b>                                 | SAE J 744 - TYPE 32-1<br>Straight 1 1/4" - 31,75 mm                       | 71 - 71SS - 71VHT                                                            |



**E1D1835I HYPACK8**  
**E1B1614I HYPACK8**  
**E1B1614I HYPACK14**



**VH VERSION**



**E2C2016I HYPACK14**



**VH VERSION**

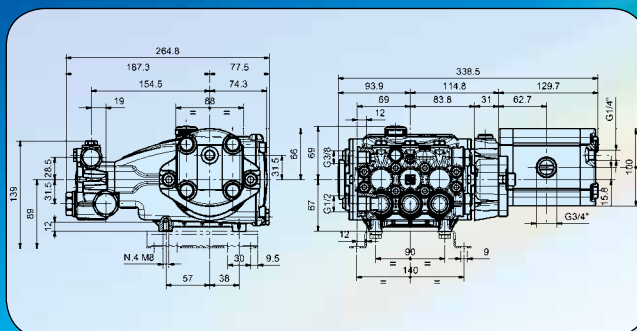
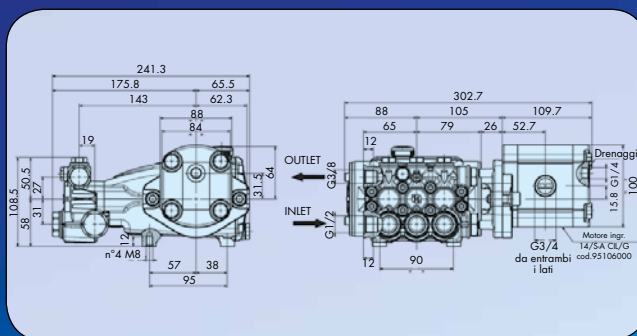
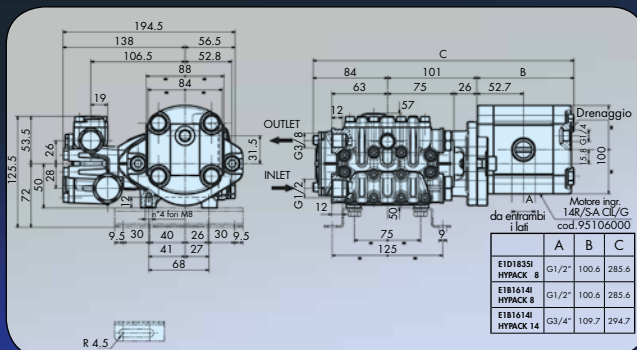


**E3B2515I HYPACK26**  
**E3B2121I HYPACK26**



**VH VERSION**

- Pumps complete with hydraulic motor.
- Pompes complètes de moteur hydraulique.
- Pumpen komplett mit Hydraulikmotor.
- Bombas completas de motor hidráulico.
- Pompe complete di motore idraulico.



- Rails kit available on request • Kit pieds disponible sûr requête
- Kit Füßse lieferbar auf Wunsch • Kit pies disponible bajo pedido
- Kit piedi disponibile su richiesta: Cod.ZFEET59H22

| PUMP - POMPA                                                               |                                                           |                                                           |                                                |                                                       |                                                                  |                                                           |                                                           |             | MOTOR - MOTORE |  |  |  |  |  | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso |
|----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-------------|----------------|--|--|--|--|--|--------------------------------------------|
| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza | Displacement<br>Cylindrée<br>Hubraum<br>Cilindraje<br>Cilindrata | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |             |                |  |  |  |  |  |                                            |
|                                                                            | G.P.M.<br>(U.S.A.)                                        | bar MPa p.s.i.                                            |                                                | kW hp                                                 | cm³ rev                                                          | G.P.M.<br>(U.S.A.)                                        | bar MPa p.s.i.                                            |             |                |  |  |  |  |  |                                            |
|                                                                            | l/min                                                     |                                                           |                                                |                                                       |                                                                  | l/min                                                     |                                                           |             |                |  |  |  |  |  |                                            |
| E1D1835I HYPACK8                                                           | 13,5                                                      | 3.59                                                      | 180 18 2610                                    | 2800 4,63 6,3                                         | 8,5                                                              | 26,5                                                      | 7.05                                                      | 130 13 1885 |                |  |  |  |  |  | 9,1                                        |
| E1B1614I HYPACK8                                                           | 14                                                        | 3.70                                                      | 160 16 2320                                    | 1450 4,26 5,8                                         | 8,5                                                              | 13,5                                                      | 3.59                                                      | 230 23 3335 |                |  |  |  |  |  | 9,1                                        |
| E1B1614I HYPACK14                                                          | 14                                                        | 3.70                                                      | 160 16 2320                                    | 1450 4,26 5,8                                         | 14                                                               | 22,5                                                      | 5.99                                                      | 140 14 2030 |                |  |  |  |  |  | 9,3                                        |
| E2C2016I HYPACK14                                                          | 16                                                        | 4.22                                                      | 200 20 2900                                    | 1750 6,10 8,3                                         | 14                                                               | 27,0                                                      | 7.18                                                      | 140 14 2030 |                |  |  |  |  |  | 11                                         |
| E3B2515I HYPACK26                                                          | 15                                                        | 3.96                                                      | 250 25 3625                                    | 1450 7,13 9,7                                         | 26                                                               | 42,0                                                      | 11.17                                                     | 130 13 1885 |                |  |  |  |  |  | 13,5                                       |
|                                                                            | 20                                                        | 5.28                                                      | 250 25 3625                                    | 1950 9,63 13,1                                        | 26                                                               | 56,5                                                      | 15.03                                                     | 130 13 1885 |                |  |  |  |  |  | 13,5                                       |
| E3B2121I HYPACK26                                                          | 21                                                        | 5.55                                                      | 210 21 3045                                    | 1450 8,46 11,5                                        | 26                                                               | 42,0                                                      | 11.17                                                     | 150 15 2175 |                |  |  |  |  |  | 13,5                                       |

Inlet - Outlet: the dimensions shown are referred to the pump without valve / Entrée - Sortie: les dimensions indiquées se réfèrent à la pompe sans régulateur  
 Eingang - Ausgang: die angegebenen Maße beziehen sich auf die Pumpe ohne Druckregelventil / Entrada - Salida: las dimensiones indicadas se refieren a la bomba sin regulador / Entrata - Uscita: le misure indicate sono riferite alla pompa senza valvola

# Hydraulic drive



**WS1630I HYPACK26**



**W1550I HYPACK26**

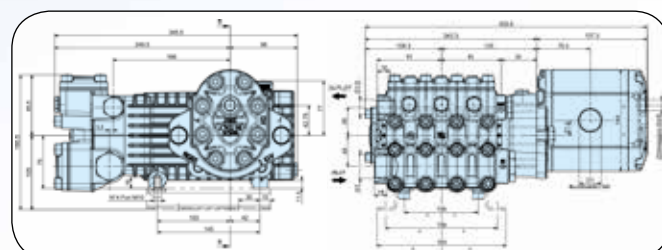
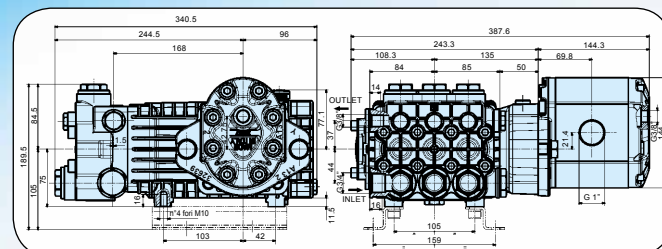
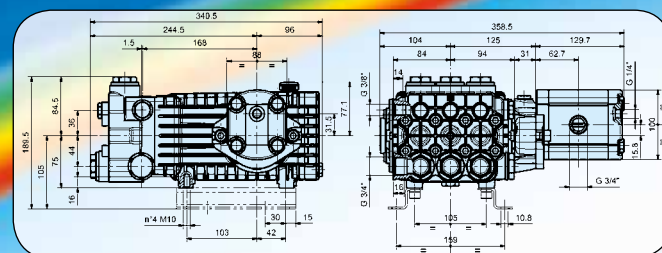
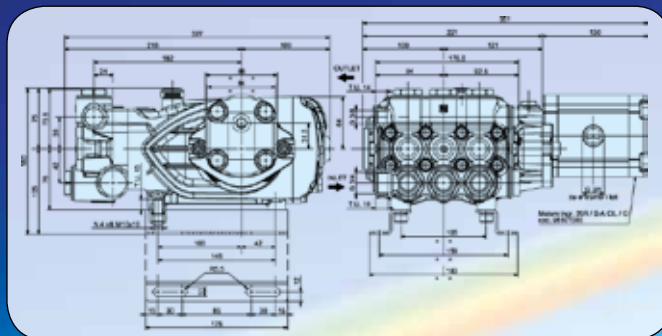


**T2535Y HYPACK37 - T2040Y HYPACK37  
T1750Y HYPACK37 - W1555Y HYPACK37  
T2830Y HYPACK35**



**W1570Y HYPACK53**

- Pumps complete with hydraulic motor.
- Pompes complètes de moteur hydraulique.
- Pumpen komplett mit Hydraulikmotor.
- Bombas completas de motor hidráulico.
- Pompe complete di motore idraulico.



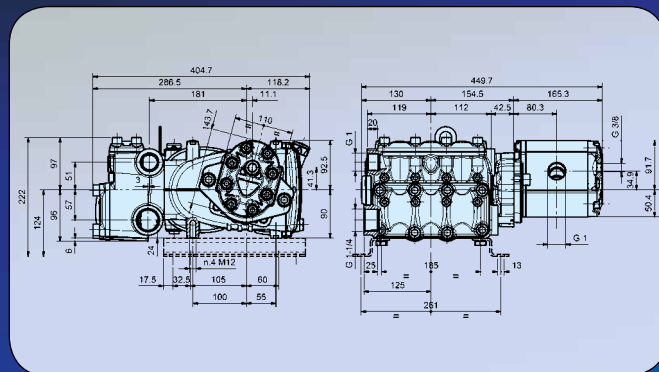
- Rails kit available on request, item ZFEET47H30
- Kit pieds disponible sur requête, code ZFEET47H30
- Kit FüÙÙe lieferbar auf Wunsch, Art. ZFEET47H30
- Kit pies disponible bajo pedido, código ZFEET47H30
- Kit piedi disponibile su richiesta, codice ZFEET47H30

| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | PUMP - POMPA                                              |                                                           |                                                |                                                       |                                                                  |                                                           |                                                           |         | MOTOR - MOTORE |                    |       |     |        |      |      | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso |
|----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|---------|----------------|--------------------|-------|-----|--------|------|------|--------------------------------------------|
|                                                                            | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza | Displacement<br>Cylindrée<br>Hubraum<br>Cilindraje<br>Cilindrata | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |         |                |                    |       |     |        |      |      |                                            |
|                                                                            | l/min                                                     | G.P.M.<br>(U.S.A.)                                        | bar                                            | MPa                                                   | p.s.i.                                                           | kW                                                        | hp                                                        | cm³ rev | l/min          | G.P.M.<br>(U.S.A.) | bar   | MPa | p.s.i. |      |      | kg                                         |
| WS1630I HYPACK26                                                           | 30                                                        | 7.92                                                      | 150                                            | 15                                                    | 2175                                                             | 1450                                                      | 8,60                                                      | 11,7    | 26             | 42,0               | 11.17 | 150 | 15     | 2175 | 19,0 |                                            |
|                                                                            | 36                                                        | 9.51                                                      | 150                                            | 15                                                    | 2175                                                             | 1750                                                      | 10,37                                                     | 14,1    | 26             | 50,5               | 13.43 | 150 | 15     | 2175 | 19,0 |                                            |
| W1550I HYPACK26                                                            | 50                                                        | 13.20                                                     | 90                                             | 9                                                     | 1300                                                             | 1450                                                      | 8,60                                                      | 11,7    | 26             | 42,0               | 11.17 | 150 | 15     | 2175 | 22,3 |                                            |
| T2830Y HYPACK53                                                            | 30                                                        | 7.92                                                      | 275                                            | 27,5                                                  | 4000                                                             | 1750                                                      | 15,44                                                     | 21      | 53             | 103,1              | 27.23 | 113 | 11,3   | 1639 | 29,5 |                                            |
| T2535Y HYPACK37                                                            | 35                                                        | 9.25                                                      | 250                                            | 25                                                    | 3625                                                             | 1750                                                      | 16,17                                                     | 22,0    | 37,5           | 72,9               | 19.39 | 170 | 17     | 2465 | 28,8 |                                            |
| T2040Y HYPACK37                                                            | 40                                                        | 10.56                                                     | 200                                            | 20                                                    | 2900                                                             | 1750                                                      | 15,44                                                     | 21,0    | 37,5           | 72,9               | 19.39 | 155 | 15,5   | 2248 | 28,8 |                                            |
| T1750Y HYPACK37                                                            | 50                                                        | 13.20                                                     | 172                                            | 17,2                                                  | 2500                                                             | 1750                                                      | 16,17                                                     | 22,0    | 37,5           | 72,9               | 19.39 | 167 | 16,7   | 2422 | 28,8 |                                            |
| T1750Y HYPACK53                                                            | 50                                                        | 13.20                                                     | 172                                            | 17,2                                                  | 2500                                                             | 1750                                                      | 16,40                                                     | 22,0    | 53             | 103,1              | 27,3  | 118 | 11,8   | 1711 | 29,5 |                                            |
| W1555Y HYPACK37                                                            | 55                                                        | 14.50                                                     | 140                                            | 14                                                    | 2030                                                             | 1450                                                      | 14,70                                                     | 20,0    | 37,5           | 60,4               | 16.07 | 180 | 18     | 2610 | 28,8 |                                            |
| W1570Y HYPACK53                                                            | 70                                                        | 18.50                                                     | 150                                            | 15                                                    | 2175                                                             | 1450                                                      | 19,85                                                     | 27,0    | 53             | 85,4               | 22,7  | 170 | 17     | 2465 | 32,6 |                                            |

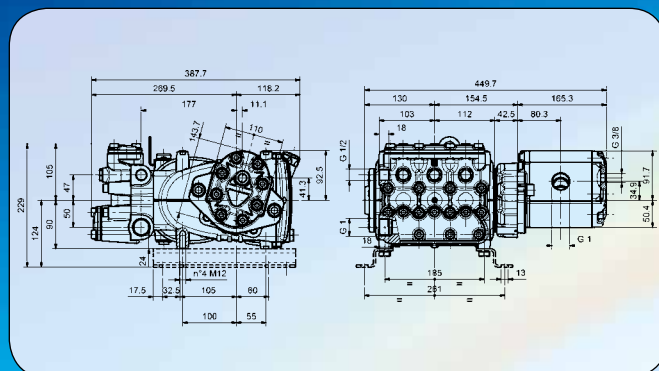
- Pumps complete with hydraulic motor.
- Pompes complètes de moteur hydraulique.
- Pumpen komplett mit Hydraulikmotor.
- Bombas completas de motor hidráulico.
- Pompe complete di motore idraulico.



**WK8I HYPACK62**



**W100100HI HYPACK62**



- Rails kit available on request • Kit pieds disponible sûr requête
- Kit FüÙÙe lieferbar auf Wunsch • Kit pies disponible bajo pedido
- Kit piedi disponibile su richiesta: Cod.ZFEET68H34

|                                                                            | PUMP - POMPA                                              |                                                           |     |        |                                                |                                                       |       |                                                                  | MOTOR - MOTORE                                            |                                                           |       |        |                                            |      |      |
|----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----|--------|------------------------------------------------|-------------------------------------------------------|-------|------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-------|--------|--------------------------------------------|------|------|
| Pump type<br>Type de pompe<br>Pumpentype<br>Tipo de bomba<br>Tipo di pompa | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min | Power<br>Puissance<br>Leistung<br>Potencia<br>Potenza |       | Displacement<br>Cylindrée<br>Hubraum<br>Cilindraje<br>Cilindrata | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |       |        | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso |      |      |
|                                                                            | l/min<br>G.P.M.<br>(U.S.A.)                               | bar                                                       | MPa | p.s.i. |                                                | kW                                                    | hp    | cm³ rev                                                          | l/min<br>G.P.M.<br>(U.S.A.)                               | bar                                                       | MPa   | p.s.i. | kg                                         |      |      |
|                                                                            |                                                           |                                                           |     |        |                                                |                                                       |       |                                                                  |                                                           |                                                           |       |        |                                            |      |      |
| W100100HI HYPACK62                                                         | 100                                                       | 26.40                                                     | 100 | 10     | 1450                                           | 1450                                                  | 18,38 | 25                                                               | 62,7                                                      | 101,0                                                     | 26.87 | 140    | 14                                         | 2030 | 42,5 |
| WK8I HYPACK62                                                              | 80                                                        | 21.10                                                     | 100 | 10     | 1450                                           | 1000                                                  | 15,30 | 20,8                                                             | 62,7                                                      | 70,0                                                      | 18.62 | 165    | 16,5                                       | 2393 | 47,0 |
|                                                                            | 125                                                       | 33.00                                                     | 100 | 10     | 1450                                           | 1580                                                  | 23,90 | 32,5                                                             | 62,7                                                      | 110,5                                                     | 29.40 | 165    | 16,5                                       | 2393 | 47,0 |

# ATEX



- The pumps listed below are available in ATEX configuration for use in environments with potentially explosive atmosphere.
- Les pompes indiquées ci-dessous sont disponibles en configuration ATEX pour utilisation en environnements avec atmosphère potentiellement explosive.
- Die nachstehend aufgeführten Pumpen sind in ATEX Konfiguration für Einsatz in Umgebungen mit potentiell explosiver Atmosphäre verfügbar.
- Las bombas indicadas más abajo son disponibles en configuración ATEX para uso en ambientes con atmósfera potencialmente explosiva.
- Le pompe sotto elencate sono disponibili in configurazione ATEX per utilizzi in ambienti con atmosfera potenzialmente esplosiva.

| Group                                      | II<br>Area with potentially<br>explosive atmospheres |                 |
|--------------------------------------------|------------------------------------------------------|-----------------|
|                                            | 2                                                    | 3               |
| Equipment category                         | 2                                                    | 3               |
| Zones and type of<br>explosive atmospheres | 1 (G)<br>21 (D)                                      | 2 (G)<br>22 (D) |
| Surface temperature<br>of the equipment    | T4 / T135°C                                          |                 |

## 47 Series

|       |       |         |
|-------|-------|---------|
| WS201 | WS171 | WS251   |
| WS162 | WS131 | WS252   |
| WS152 | WS151 | WS1625  |
| WS202 | WS132 | WS1630  |
| W921  | WS102 | WS1036  |
| W916  | W913  | WS1040  |
| W922  | W914  | W928    |
|       |       | TS1630  |
|       |       | TS1636  |
|       |       | TS1044  |
|       |       | TS1050  |
|       |       | VHT4715 |
|       |       | VHT4718 |
|       |       | VHT4721 |
|       |       | VHT4723 |

VHT HIGH TEMPERATURE

## 66 Series

|       |       |                    |
|-------|-------|--------------------|
| W3018 |       |                    |
| W3021 |       |                    |
| W2525 |       |                    |
| W3025 |       |                    |
| W2030 |       |                    |
| W2035 | W4015 |                    |
| W2141 | W5015 |                    |
| W1550 | W4018 |                    |
| T3021 | W4518 |                    |
| T3025 | W5018 |                    |
| T2530 | W3521 | VHT6628            |
| T2830 | W3523 | VHT6635            |
| T2535 | T5015 | VHT6639            |
| T2040 | T4018 | VHT6646            |
| T1750 | T5018 | VHT6650            |
|       |       | SS STAINLESS STEEL |
|       |       | SSE2025            |
|       |       | SSE2030            |
|       |       | SSE2035            |
|       |       | SSE2041            |
|       |       | SSE1550            |
|       |       | SSU2030            |
|       |       | SSU2035            |
|       |       | SSU2040            |
|       |       | SSU2050            |

## 70 Series

|       |
|-------|
| WK155 |
| WK6   |
| WK8   |
| WK525 |
| WK531 |

# FLUSHING SYSTEM



SPECIAL SERIES



Some series of Interpump pumps can be supplied on request with a "FLUSHING SYSTEM". A special circuit delivers a small flow of water between the high pressure (HP) seals and the low pressure (LP) seals, thus washing and cooling them. This system increases significantly the life of the seals, particularly when pumping aggressive, high-temperature, abrasive or low lubricating fluids.

Quelques séries de pompes Interpump peuvent être livrées sur requête avec un système de fluxage "FLUSHING SYSTEM".

Un circuit spécial amène une petite quantité d'eau entre les joints d'étanchéité de haute pression (HP) et de basse pression (LP), tout en les lavant et refroidissant. Ce système augmente considérablement la durée de vie des joints d'étanchéité, en particulier si on pompe des fluides agressifs ou peu lubrifiant, à haute température ou abrasifs.

Einige Serien von Interpump Pumpen können auf Wunsch mit einem Spülsystem "FLUSHING SYSTEM" geliefert werden.

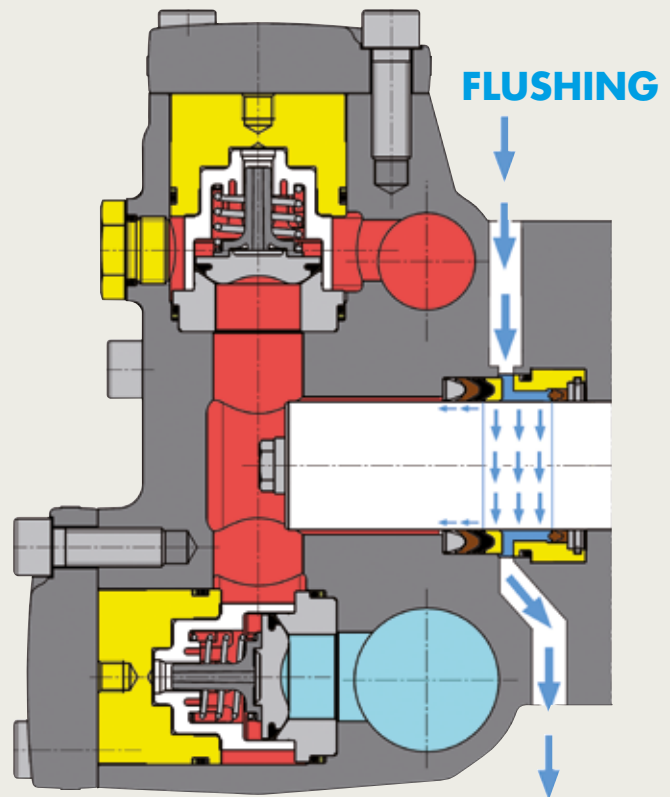
Ein Sonderkreis bringt eine kleine Menge Wasser zwischen den Hochdruckdichtungen (HP) und den Niederdruckdichtungen (LP) und somit wäscht und kühlt die Dichtungen. Dieses System erhöht erheblich die Lebensdauer der Wasserdichtungen, besonders wenn man aggressive, schmierarme, heiße oder abrasive Flüssigkeiten pumpt.

Algunas series de bombas Interpump pueden ser Suministradas bajo pedido con un sistema de enjuague "FLUSHING SYSTEM".

Un circuito especial lleva una pequeña cantidad de agua entre los retenes de alta presión (HP) y los de baja presión (LP), lavando y enfriando los mismos. Este sistema incrementa considerablemente la vida de los retenes, en particular cuando se bombean fluidos agresivos o poco lubricantes, de alta temperatura o abrasivos.

Alcune serie di pompe Interpump possono essere fornite, su richiesta, con il sistema di flussaggio "FLUSHING SYSTEM".

Uno speciale circuito veicola una piccola portata d'acqua fra le tenute di alta (HP) e bassa (LP) pressione, lavando e raffreddando le tenute stesse. Questo sistema aumenta significativamente la vita delle guarnizioni, in particolare nel pompaggio di fluidi aggressivi o scarsamente lubrificanti, ad alta temperatura o abrasivi.



# MOTORPUMPS



INTERPUMP GROUP



## Motorpumps Motopompes Motorpumpen Motobombas Motopompe

MOTORPUMPS LISTED ACCORDING TO **FLOW RATE**

TABELLE MOTOPOMPES ORDONNÉES SUIVANT LE **DÉBIT**

MOTORPUMPENTABELLE NACH **FÖRDERLEISTUNG** ANGEORDNET

TABLA DE MOTOBOMBAS EN ORDEN DE **CAUDAL**

TABELLA MOTOPOMPE IN ORDINE DI **PORTATA**

MOTORPUMPS LISTED ACCORDING TO **PRESSURE**

TABELLE MOTOPOMPES ORDONNÉES SUIVANT LA **PRESSION**

MOTORPUMPENTABELLE NACH **DRUCK** ANGEORDNET

TABLA DE MOTOBOMBAS EN ORDEN DE **PRESIÓN**

TABELLA MOTOPOMPE IN ORDINE DI **PRESSIONE**

## Turbo Series

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | MOD.         | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|-----|--------|--------------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | Mpa | p.s.i. |              |      |
| 8                                                         | 2.11               | 2800                                 | 70                                                    | 7   | 1000   | TURBO 8/70   | 80   |
|                                                           |                    | 2800                                 | 90                                                    | 9   | 1300   | TURBO 8/90   | 80   |
|                                                           |                    | 1700                                 | 70                                                    | 7   | 1000   | TURBO 21     | 80   |
| 10                                                        | 2.64               | 2800                                 | 100                                                   | 10  | 1450   | TURBO 10/100 | 80   |
| 11                                                        | 2.9                | 2800                                 | 50                                                    | 5   | 725    | TURBO 11/50  | 80   |
|                                                           |                    | 2800                                 | 70                                                    | 7   | 1000   | TURBO 11/70  | 80   |
|                                                           |                    | 2800                                 | 120                                                   | 12  | 1740   | TURBO 11/120 | 80   |
| 13                                                        | 3.43               | 2800                                 | 90                                                    | 9   | 1300   | TURBO 13/90  | 80   |

## Turbo Series

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                             | MOD.         | Pag. |
|-------------------------------------------------------|-----|--------|--------------------------------------|-----------------------------------------------------------|-----------------------------|--------------|------|
| bar                                                   | Mpa | p.s.i. |                                      | g/min                                                     | l/min<br>G.P.M.<br>(U.S.A.) |              |      |
| 50                                                    | 5   | 725    | 2800                                 | 11                                                        | 2.9                         | TURBO 11/50  | 80   |
| 70                                                    | 7   | 1000   | 2800                                 | 8                                                         | 2.11                        | TURBO 8/70   | 80   |
|                                                       |     |        | 1700                                 | 8                                                         | 2.11                        | TURBO 21     | 80   |
|                                                       |     |        | 2800                                 | 11                                                        | 2.9                         | TURBO 11/70  | 80   |
| 90                                                    | 9   | 1300   | 2800                                 | 8                                                         | 2.11                        | TURBO 8/90   | 80   |
|                                                       |     |        | 2800                                 | 13                                                        | 3.43                        | TURBO 13/90  | 80   |
| 100                                                   | 10  | 1450   | 2800                                 | 10                                                        | 2.64                        | TURBO 10/100 | 80   |
| 120                                                   | 12  | 1740   | 2800                                 | 11                                                        | 2.9                         | TURBO 11/120 | 80   |

## M Series

| Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |      |        | MOD.    | Pag. |
|-----------------------------------------------------------|--------------------|--------------------------------------|-------------------------------------------------------|------|--------|---------|------|
| l/min                                                     | G.P.M.<br>(U.S.A.) |                                      | bar                                                   | Mpa  | p.s.i. |         |      |
| 9,5                                                       | 2.5                | 1400                                 | 130                                                   | 13   | 1885   | M10-130 | 81   |
| 11,5                                                      | 3.04               | 1700                                 | 105                                                   | 10,5 | 1525   | M951    | 81   |
| 12                                                        | 3.17               | 1400                                 | 100                                                   | 10   | 1450   | M12-100 | 81   |
|                                                           |                    | 1400                                 | 140                                                   | 14   | 2030   | M12-140 | 81   |
| 13                                                        | 3.43               | 2800                                 | 180                                                   | 18   | 2610   | M13-180 | 81   |
| 13,6                                                      | 3.6                | 1700                                 | 90                                                    | 9    | 1300   | M954    | 81   |
|                                                           |                    | 1700                                 | 140                                                   | 14   | 2030   | M960    | 81   |
| 14                                                        | 3.69               | 1400                                 | 120                                                   | 12   | 1740   | M14-120 | 81   |
| 15                                                        | 3.96               | 2800                                 | 150                                                   | 15   | 2175   | M15-150 | 81   |
|                                                           |                    | 3400                                 | 150                                                   | 15   | 2175   | M961    | 81   |
| 15,9                                                      | 4.2                | 1700                                 | 75                                                    | 7,5  | 1100   | M957    | 81   |
| 17                                                        | 4.5                | 2800                                 | 130                                                   | 13   | 1885   | M17-130 | 81   |

## M Series

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |      |        | r.p.m.<br>tr./min<br>u.p.m.<br>r/min | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                             | MOD.    | Pag. |
|-------------------------------------------------------|------|--------|--------------------------------------|-----------------------------------------------------------|-----------------------------|---------|------|
| bar                                                   | Mpa  | p.s.i. |                                      | g/min                                                     | l/min<br>G.P.M.<br>(U.S.A.) |         |      |
| 75                                                    | 7,5  | 1100   | 1700                                 | 15,9                                                      | 4.2                         | M957    | 81   |
| 90                                                    | 9    | 1300   | 1700                                 | 13,6                                                      | 3.6                         | M954    | 81   |
| 100                                                   | 10   | 1450   | 1400                                 | 12                                                        | 3.17                        | M12-100 | 81   |
| 105                                                   | 10,5 | 1525   | 1700                                 | 11,5                                                      | 3.04                        | M951    | 81   |
| 120                                                   | 12   | 1740   | 1400                                 | 14                                                        | 3.69                        | M14-120 | 81   |
| 130                                                   | 13   | 1885   | 1400                                 | 9,5                                                       | 2.5                         | M10-130 | 81   |
|                                                       |      |        | 2800                                 | 17                                                        | 4.5                         | M17-130 | 81   |
| 140                                                   | 14   | 2030   | 1400                                 | 12                                                        | 3.17                        | M12-140 | 81   |
|                                                       |      |        | 1700                                 | 13,6                                                      | 3.6                         | M960    | 81   |
| 150                                                   | 15   | 2175   | 2800                                 | 15                                                        | 3.96                        | M15-150 | 81   |
|                                                       |      |        | 3400                                 | 15                                                        | 3.96                        | M961    | 81   |
| 180                                                   | 18   | 2610   | 2800                                 | 13                                                        | 3.43                        | M13-180 | 81   |

# TURBO series



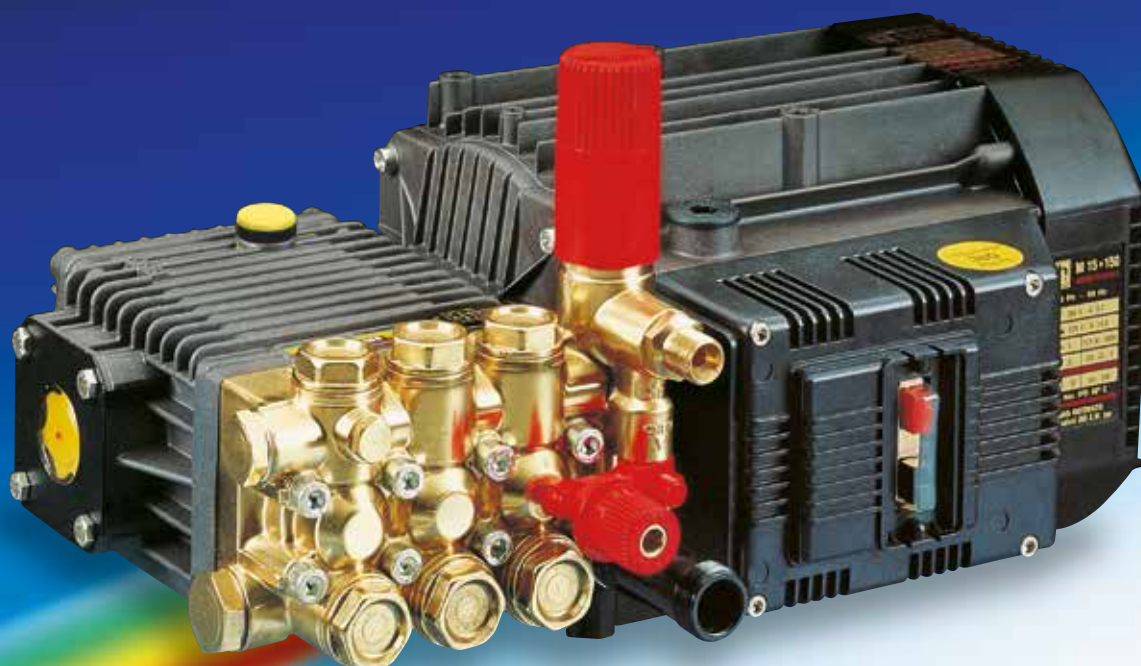
## MOTOR DATA - DONNÉES MOTEUR MOTORENDATEN - DATOS MOTOR DATI MOTORE

| kW                                               | mm          |
|--------------------------------------------------|-------------|
| Threephase<br>2,9                                | 360x272x203 |
| Singlephase<br>1,68 / 1,64<br>2,2 / 2,65<br>1,58 | 405x272x203 |

| MODEL<br>MODÈLE<br>MODELL<br>MODELO<br>MODELLO | PUMP DATA - DONNÉES POMPE<br>PUMPENDATEN - DATOS BOMBA<br>DATI POMPA |      |                                                                             |    |      | MOTOR DATA - DONNÉES MOTEUR<br>MOTORENDATEN - DATOS MOTOR<br>DATI MOTORE |                                                                                                        |                                                                                 |             |    |                                                                          |            |        |  |  |
|------------------------------------------------|----------------------------------------------------------------------|------|-----------------------------------------------------------------------------|----|------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------|----|--------------------------------------------------------------------------|------------|--------|--|--|
|                                                | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min   |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar MPa p.s.i. |    |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min                           | Input Power<br>Puissance absorbée<br>Aufnahmeleistung<br>Potencia absorbida<br>Potenza assorbita<br>kW | Singlephase<br>Monophasé<br>Wechselstrom<br>Monofásico<br>Monofase<br>V. A. Hz. |             |    | Threephase<br>Triphasé<br>Drehstrom<br>Trifásico<br>Trifase<br>V. A. Hz. |            |        |  |  |
|                                                | GPM<br>(U.S.A.)                                                      |      |                                                                             |    |      |                                                                          |                                                                                                        |                                                                                 |             |    |                                                                          |            |        |  |  |
|                                                |                                                                      |      |                                                                             |    |      |                                                                          |                                                                                                        |                                                                                 |             |    |                                                                          |            |        |  |  |
| TURBO 8/70                                     | 8                                                                    | 2.11 | 70                                                                          | 7  | 1000 | 2800                                                                     | 1,68 / 1,64                                                                                            | 230-1<br>240-1                                                                  | 8,2<br>8    | 50 | -<br>-                                                                   | -<br>-     | -<br>- |  |  |
| TURBO 11/50                                    | 11                                                                   | 2.9  | 50                                                                          | 5  | 725  |                                                                          |                                                                                                        |                                                                                 |             |    |                                                                          |            |        |  |  |
| TURBO 8/90                                     | 8                                                                    | 2.11 | 90                                                                          | 9  | 1300 |                                                                          | 2,2                                                                                                    | 230-1<br>240-1                                                                  | 10,5<br>9,5 | 50 | -<br>-                                                                   | -<br>-     | -<br>- |  |  |
| TURBO 11/70                                    | 11                                                                   | 2.9  | 70                                                                          | 7  | 1000 |                                                                          |                                                                                                        |                                                                                 |             |    |                                                                          |            |        |  |  |
| TURBO 10/100                                   | 10                                                                   | 2.64 | 100                                                                         | 10 | 1450 |                                                                          | 2,65                                                                                                   | 230-1<br>240-1                                                                  | 12<br>11    | 50 | -<br>-                                                                   | -<br>-     | -<br>- |  |  |
| TURBO 13/90                                    | 13                                                                   | 3.43 | 90                                                                          | 9  | 1300 |                                                                          | 2,9                                                                                                    | -<br>-                                                                          | -<br>-      |    | 220-3<br>380-3                                                           | 8,9<br>5,2 | 50     |  |  |
| TURBO 11/120                                   | 11                                                                   | 2.9  | 120                                                                         | 12 | 1740 |                                                                          |                                                                                                        |                                                                                 |             |    |                                                                          |            |        |  |  |
|                                                |                                                                      |      |                                                                             |    |      |                                                                          |                                                                                                        |                                                                                 |             |    |                                                                          |            |        |  |  |
| TURBO 21                                       | 8                                                                    | 2.11 | 70                                                                          | 7  | 1000 | 1700                                                                     | 1,58                                                                                                   | 115-1                                                                           | 15          | 60 | -                                                                        | -          | -      |  |  |



# M series



- TOTALSTOP version available on request (motor shutdown upon releasing of gun trigger)
- Version TOTALSTOP disponible sur requête (arrêt moteur à la fermeture de la poignée pistolet)
- TOTALSTOP Ausführung verfügbar auf Wunsch (Ausschalten des Motors beim Auslösen der Pistole)
- Version TOTALSTOP disponible bajo pedido (paro de la máquina al cerrar de la pistola)
- Disponibile a richiesta la versione con TOTALSTOP (arresto macchina a chiusura della pistola)

## MOTOR DATA - DONNÉES MOTEUR MOTORENDATEN - DATOS MOTOR DATI MOTORE

| kW  | mm          |
|-----|-------------|
| 3,2 | 455x320x266 |
| 3,8 | 455x320x258 |
| 5   | 455x320x258 |

| MODEL<br>MODÈLE<br>MODELL<br>MODELO<br>MODELLO | PUMP DATA - DONNÉES POMPE<br>PUMPENDATEN - DATOS BOMBA<br>DATI POMPA                      |      |                                                                                   |      |      | MOTOR DATA - DONNÉES MOTEUR<br>MOTORENDATEN - DATOS MOTOR<br>DATI MOTORE |                                                                                                            |                                                                                               |            |       |                                                                                        |             |    |   |   |
|------------------------------------------------|-------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|------|------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|-------|----------------------------------------------------------------------------------------|-------------|----|---|---|
|                                                | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min <b>GPM</b><br>(U.S.A.) |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione<br>bar    MPa    p.s.i. |      |      | r.p.m.<br>tr./min<br>u.p.m.<br>r/min<br>g./min                           | Input Power<br>Puissance absorbée<br>Aufnahmeleistung<br>Potencia absorbida<br>Potenza assorbita<br><br>kW | Singlephase<br>Monophasé<br>Wechselstrom<br>Monofásico<br>Monofase<br><br>V.      A.      Hz. |            |       | Threephase<br>Triphasé<br>Drehstrom<br>Trifásico<br>Trifase<br><br>V.      A.      Hz. |             |    |   |   |
| M10-130                                        | 9,5                                                                                       | 2.5  | 130                                                                               | 13   | 1885 |                                                                          |                                                                                                            | 1400                                                                                          | 3,2        | 230-1 | 14,7                                                                                   | 50          | -  | - | - |
| M12-100                                        | 12                                                                                        | 3.17 | 100                                                                               | 10   | 1450 | 240-1                                                                    | 13,6                                                                                                       |                                                                                               |            | -     | -                                                                                      | -           | -  | - |   |
| M12-140                                        | 12                                                                                        | 3.17 | 140                                                                               | 14   | 2030 | 3,8                                                                      | -                                                                                                          |                                                                                               | -          | -     | 230-3                                                                                  | 12,5        | 50 |   |   |
| M14-120                                        | 14                                                                                        | 3.69 | 120                                                                               | 12   | 1740 |                                                                          | -                                                                                                          |                                                                                               | -          | -     | 400-3                                                                                  | 7,2         |    |   |   |
| M13-180                                        | 13                                                                                        | 3.43 | 180                                                                               | 18   | 2610 | 2800                                                                     | 5,0                                                                                                        | -                                                                                             | -          | -     | 230-3                                                                                  | 15,8        | 50 |   |   |
| M15-150                                        | 15                                                                                        | 3.96 | 150                                                                               | 15   | 2175 |                                                                          |                                                                                                            | -                                                                                             | -          | -     | 400-3                                                                                  | 9,2         |    |   |   |
| M17-130                                        | 17                                                                                        | 4.5  | 130                                                                               | 13   | 1885 |                                                                          |                                                                                                            | -                                                                                             | -          | -     | 240-3                                                                                  | 14,5        |    |   |   |
|                                                |                                                                                           |      |                                                                                   |      |      |                                                                          |                                                                                                            | -                                                                                             | -          | -     | 415-3                                                                                  | 8,5         |    |   |   |
| M951                                           | 11,5                                                                                      | 3.04 | 105                                                                               | 10,5 | 1525 | 1700                                                                     | 3,2                                                                                                        | 220-1                                                                                         | 15,5       | 60    | -                                                                                      | -           | -  |   |   |
| M954                                           | 13,6                                                                                      | 3.6  | 90                                                                                | 9    | 1300 |                                                                          | 3,2                                                                                                        | 220-1                                                                                         | 15,5       | 60    | -                                                                                      | -           | -  |   |   |
| M960                                           | 13,6                                                                                      | 3.6  | 140                                                                               | 14   | 2030 |                                                                          | 4,6                                                                                                        | -                                                                                             | -          | -     | 440-3                                                                                  | 7,2         | 60 |   |   |
| M957                                           | 15,9                                                                                      | 4.2  | 75                                                                                | 7,5  | 1100 |                                                                          | 3,2                                                                                                        | 220-1                                                                                         | 15,5       | 60    | -                                                                                      | -           | -  |   |   |
| M961                                           | 15                                                                                        | 3.96 | 150                                                                               | 15   | 2175 | 3400                                                                     | 5,0                                                                                                        | -                                                                                             | 2,8<br>3,2 | -     | 220-3<br>380-3                                                                         | 15,8<br>9,2 | 60 |   |   |

# ACCESSORIES



INTERPUMP GROUP



# Accessories

**Accessoires  
Zubehör  
Accesorios  
Accessori**

**pag.**

|                                                        |            |
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# K series

AUTOMATIC PRESSURE REGULATORS WHICH PERMIT TO SET THE PRESSURE TO ZERO IN THE WHOLE CIRCUIT (PUMP AND HOSE)  
 RÉGULATEURS AUTOMATIQUES DE PRESSION, QUI PERMETTENT DE BAISSER LA PRESSION À ZÉRO DANS TOUT LE CIRCUIT (POMPE ET TUYAU)  
 AUTOMATISCHE DRUCKREGELVENTILE, DIE DEN DRUCK IM GANZEN KREIS AUF NULL STELLEN (PUMPE UND SCHLAUCH)  
 REGULADORES AUTOMÁTICOS DE PRESIÓN QUE PERMITEN BAJAR LA PRESIÓN A CERO EN TODO EL CIRCUITO (BOMBA Y MANGUERA)  
 REGOLATORI AUTOMATICI DI PRESSIONE CHE CONSENTONO DI AZZERARE LA PRESSIONE NELL'INTERO CIRCUITO (POMPA E TUBO)

**K1**



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |         |
| K1                                             | 250                                                       | 25  | 3600   | 9 ÷ 41                                                    | 2.37 ÷ 10.83    | 1,05                                       | G3/8 F                                           | G1/2 F                                          | G1/2 F  |
| K1.LL                                          | 250                                                       | 25  | 3600   | 9 ÷ 41                                                    | 2.37 ÷ 10.83    | 1,05                                       | G3/8 F                                           | G3/8 F                                          | G1/2 F  |

**K3**



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass          |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|------------------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |                  |
| K3.0                                           | 100                                                       | 10  | 1500   | 8 ÷ 11                                                    | 2.11 ÷ 2.9      | 0,78                                       | G3/8 F                                           | G1/2 M                                          | G3/4 M<br>G1/2 F |
| K3.1                                           |                                                           |     |        | 11 ÷ 16                                                   | 2.9 ÷ 4.22      |                                            |                                                  |                                                 |                  |
| K3.2                                           |                                                           |     |        | 16 ÷ 21                                                   | 4.22 ÷ 5.55     |                                            |                                                  |                                                 |                  |
| K3.3                                           |                                                           |     |        | 19 ÷ 23                                                   | 5.01 ÷ 6.07     |                                            |                                                  |                                                 |                  |
| K3.0LL                                         | 100                                                       | 10  | 1500   | 8 ÷ 11                                                    | 2.11 ÷ 2.9      | 0,78                                       | G3/8 F                                           | G3/8 M                                          | G3/4 M<br>G1/2 F |
| K3.1LL                                         |                                                           |     |        | 11 ÷ 16                                                   | 2.9 ÷ 4.22      |                                            |                                                  |                                                 |                  |
| K3.2LL                                         |                                                           |     |        | 16 ÷ 21                                                   | 4.22 ÷ 5.55     |                                            |                                                  |                                                 |                  |
| K3.3LL                                         |                                                           |     |        | 19 ÷ 23                                                   | 5.01 ÷ 6.07     |                                            |                                                  |                                                 |                  |

**K5**



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass          |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|------------------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |                  |
| K5.0                                           | 200                                                       | 20  | 3000   | 8 ÷ 11                                                    | 2.11 ÷ 2.9      | 1,09                                       | G3/8 F                                           | G1/2 M                                          | G3/4 M<br>G1/2 F |
| K5.1                                           |                                                           |     |        | 11 ÷ 16                                                   | 2.9 ÷ 4.22      |                                            |                                                  |                                                 |                  |
| K5.2                                           |                                                           |     |        | 16 ÷ 25                                                   | 4.22 ÷ 6.6      |                                            |                                                  |                                                 |                  |
| K5.3                                           |                                                           |     |        | 25 ÷ 41                                                   | 6.6 ÷ 10.83     |                                            |                                                  |                                                 |                  |
| K5.0LL                                         | 200                                                       | 20  | 3000   | 8 ÷ 11                                                    | 2.11 ÷ 2.9      | 1,09                                       | G3/8 F                                           | G3/8 M                                          | G3/4 M<br>G1/2 F |
| K5.1LL                                         |                                                           |     |        | 11 ÷ 16                                                   | 2.9 ÷ 4.22      |                                            |                                                  |                                                 |                  |
| K5.2LL                                         |                                                           |     |        | 16 ÷ 25                                                   | 4.22 ÷ 6.6      |                                            |                                                  |                                                 |                  |
| K5.3LL                                         |                                                           |     |        | 25 ÷ 41                                                   | 6.6 ÷ 10.83     |                                            |                                                  |                                                 |                  |

AUTOMATIC PRESSURE REGULATORS WHICH PERMIT TO SET THE PRESSURE TO ZERO IN THE WHOLE CIRCUIT (PUMP AND HOSE)  
 RÉGULATEURS AUTOMATIQUES DE PRESSION, QUI PERMETTENT DE BAISSER LA PRESSION À ZÉRO DANS TOUT LE CIRCUIT (POMPE ET TUYAU)  
 AUTOMATISCHE DRUCKREGELVENTILE, DIE DEN DRUCK IM GANZEN KREIS AUF NULL STELLEN (PUMPE UND SCHLAUCH)  
 REGULADORES AUTOMÁTICOS DE PRESIÓN QUE PERMITEN BAJAR LA PRESIÓN A CERO EN TODO EL CIRCUITO (BOMBA Y MANGUERA)  
 REGOLATORI AUTOMATICI DI PRESSIONE CHE CONSENTONO DI AZZERARE LA PRESSIONE NELL'INTERO CIRCUITO (POMPA E TUBO)



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |         |
| <b>K7.0</b>                                    | 200                                                       | 20  | 3000   | 8 ÷ 11                                                    | 2.11 ÷ 2.9      | 2,07                                       | G3/8 F                                           | G3/8 M                                          | G3/8 F  |
| <b>K7.1</b>                                    |                                                           |     |        | 11 ÷ 16                                                   | 2.9 ÷ 4.22      |                                            |                                                  |                                                 |         |
| <b>K7.2</b>                                    |                                                           |     |        | 16 ÷ 25                                                   | 4.22 ÷ 6.6      |                                            |                                                  |                                                 |         |
| <b>K7.3</b>                                    |                                                           |     |        | 25 ÷ 41                                                   | 6.6 ÷ 10.83     |                                            |                                                  |                                                 |         |



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |         |
| <b>K9</b>                                      | 400                                                       | 40  | 5800   | 50                                                        | 13.2            | 4,5                                        | G1/2 F                                           | G1/2 M                                          | G1/2 F  |



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |         |
| <b>K10.0</b>                                   | 600                                                       | 60  | 8700   | 12 ÷ 18                                                   | 3.2 ÷ 4.7       | 2,5                                        | G 3/8 F                                          | G 3/8 M                                         | G 3/8 F |
| <b>K10.1</b>                                   |                                                           |     |        | 19 ÷ 26                                                   | 5.0 ÷ 6.8       | 2,5                                        | G 3/8 F                                          | G 3/8 M                                         | G 3/8 F |
| <b>K10.2</b>                                   |                                                           |     |        | 27 ÷ 34                                                   | 7.1 ÷ 8.9       | 2,5                                        | G 3/8 F                                          | G 3/8 M                                         | G 3/8 F |
| <b>K10.3</b>                                   |                                                           |     |        | 35 ÷ 40                                                   | 9.2 ÷ 10.5      | 2,5                                        | G 3/8 F                                          | G 3/8 M                                         | G 3/8 F |



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |         |
| <b>BKX 600</b>                                 | 600                                                       | 60  | 8700   | 60                                                        | 15.85           | 8                                          | G1/2 F                                           | G1/2 F                                          | G3/4 F  |

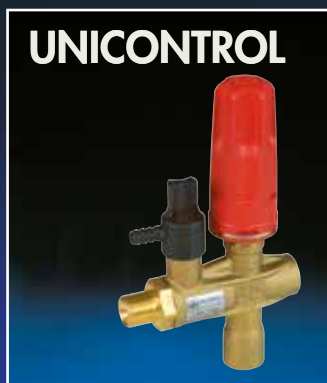


# H series

AUTOMATIC PRESSURE REGULATORS WHICH PERMIT TO SET THE PRESSURE TO ZERO IN THE PUMP  
 RÉGULATEURS AUTOMATIQUES DE PRESSION, QUI PERMETTENT DE BAISSER LA PRESSION À ZÉRO DANS LA POMPE  
 AUTOMATISCHE DRUCKREGELVENTILE, DIE DEN DRUCK IN DER PUMPE AUF NULL STELLEN  
 REGULADORES AUTOMÁTICOS DE PRESIÓN QUE PERMITEN BAJAR LA PRESIÓN A CERO EN LA BOMBA  
 REGOLATORI AUTOMATICI DI PRESSIONE CHE CONSENTONO DI AZZERARE LA PRESSIONE IN POMPA



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. |    |      | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min G.P.M. (U.S.A.) |   | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-------------------------------------------------------------------------------------------------|----|------|------------------------------------------------------------------------------------|---|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
| HX                                             | 130                                                                                             | 13 | 1900 | 15                                                                                 | 4 | 0,25                                             | G 3/8 M                                          | G 3/8 M                                         | G 3/8 M |



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar   MPa   p.s.i. |    |      | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min   G.P.M. (U.S.A.) |             | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------|----|------|--------------------------------------------------------------------------------------|-------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
| UNICONTROL SC <sup>(*)</sup>                   | 310                                                                                                 | 31 | 4500 | 6 ÷ 30                                                                               | 1.6 ÷ 7.9   | 0,5                                              | G 3/8 F                                          | G 3/8 M<br>M22x1,5M                             | G 3/8 F |
| UNICONTROL 0                                   | 310                                                                                                 | 31 | 4500 | 6 ÷ 14                                                                               | 1.6 ÷ 3.7   |                                                  |                                                  |                                                 |         |
| UNICONTROL 1                                   | 310                                                                                                 | 31 | 4500 | 15 ÷ 21                                                                              | 3.95 ÷ 5.55 |                                                  |                                                  |                                                 |         |
| UNICONTROL 2                                   | 310                                                                                                 | 31 | 4500 | 22 ÷ 30                                                                              | 5.8 ÷ 7.9   |                                                  |                                                  |                                                 |         |

\* Model without chemical injector - Modèle sans injecteur détergent - Modell ohne Chemieinjektor  
 Modelo sin inyector - Modello senza iniettore detergente. **Max. Temperature 85 °C (185 °F)**



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. |    |      | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min G.P.M. (U.S.A.) |             | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-------------------------------------------------------------------------------------------------|----|------|------------------------------------------------------------------------------------|-------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
| UNICONTROL S&G SC <sup>(*)</sup>               | 310                                                                                             | 31 | 4500 | 6 ÷ 30                                                                             | 1.6 ÷ 7.9   | 0,6                                              | G 3/8 F                                          | G 3/8 M<br>M22x1,5M                             | G 3/8 F |
| UNICONTROL S&G 0                               | 310                                                                                             | 31 | 4500 | 6 ÷ 14                                                                             | 1.6 ÷ 3.7   |                                                  |                                                  |                                                 |         |
| UNICONTROL S&G 1                               | 310                                                                                             | 31 | 4500 | 15 ÷ 21                                                                            | 3.95 ÷ 5.55 |                                                  |                                                  |                                                 |         |
| UNICONTROL S&G 2                               | 310                                                                                             | 31 | 4500 | 22 ÷ 30                                                                            | 5.8 ÷ 7.9   |                                                  |                                                  |                                                 |         |

\* Model without chemical injector - Modèle sans injecteur détergent - Modell ohne Chemieinjektor  
 Modelo sin inyector - Modello senza iniettore detergente. **Max. Temperature 85 °C (185 °F)**



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. |    |      | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min G.P.M. (U.S.A.) |              | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-------------------------------------------------------------------------------------------------|----|------|------------------------------------------------------------------------------------|--------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
| HM                                             | 200                                                                                             | 20 | 3000 | 5 ÷ 41                                                                             | 1.30 ÷ 10.83 | 1,1                                              | G 3/8 F                                          | G 3/8 M                                         | G 3/8 F |

**Max. Temperature 85 °C (185 °F)**



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. |    |      | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min G.P.M. (U.S.A.) |              | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-------------------------------------------------------------------------------------------------|----|------|------------------------------------------------------------------------------------|--------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
| H284N                                          | 280                                                                                             | 28 | 4060 | 8 ÷ 41                                                                             | 2.11 ÷ 10.83 | 1,02                                             | G 3/8 F                                          | G 3/8 M                                         | G 3/8 F |

**Max. Temperature 85 °C (185 °F)**



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar    MPa    p.s.i. |    |      | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min    G.P.M. (U.S.A.) |            | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------|----|------|---------------------------------------------------------------------------------------|------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|-------------|
| H224US                                         | 220                                                                                                   | 22 | 3160 | 8 - 40                                                                                | 2.1 - 10.5 | 0,9                                              | G 3/8 F                                          | G 3/8 F                                         | G 3/8 F     |
| H224US NPT                                     | 220                                                                                                   | 22 | 3160 | 8 - 40                                                                                | 2.1 - 10.5 | 0,9                                              | G 3/8 NPT F                                      | G 3/8 NPT F                                     | G 3/8 NPT F |
| H284US                                         | 280                                                                                                   | 28 | 4060 | 8 - 40                                                                                | 2.1 - 10.5 | 0,9                                              | G 3/8 F                                          | G 3/8 F                                         | G 3/8 F     |
| H284US NPT                                     | 280                                                                                                   | 28 | 4060 | 8 - 40                                                                                | 2.1 - 10.5 | 0,9                                              | G 3/8 NPT F                                      | G 3/8 NPT F                                     | G 3/8 NPT F |

**Max. Temperature 85 °C (185 °F)**



# H series

**H224USK  
H284USK  
H284USKE**



**NEW**

| Model<br>Modèle<br>Modell<br>Modelo | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. |           |             | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                   | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass            |
|-------------------------------------|-------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------------------|-------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|--------------------|
| <b>H224USK</b>                      | <b>220</b>                                                                                      | <b>22</b> | <b>3160</b> | <b>8 - 40</b>                                             | <b>2.1 - 10.5</b> | <b>1</b>                                   | <b>G 3/8 F</b>                                   | <b>G 3/8 F</b>                                  | <b>G 3/8 F</b>     |
| <b>H224USK NPT</b>                  | <b>220</b>                                                                                      | <b>22</b> | <b>3160</b> | <b>8 - 40</b>                                             | <b>2.1 - 10.5</b> | <b>1</b>                                   | <b>G 3/8 NPT F</b>                               | <b>G 3/8 NPT F</b>                              | <b>G 3/8 NPT F</b> |
| <b>H284USK</b>                      | <b>280</b>                                                                                      | <b>28</b> | <b>4060</b> | <b>8 - 40</b>                                             | <b>2.1 - 10.5</b> | <b>1</b>                                   | <b>G 3/8 F</b>                                   | <b>G 3/8 F</b>                                  | <b>G 3/8 F</b>     |
| <b>H284USK NPT</b>                  | <b>280</b>                                                                                      | <b>28</b> | <b>4060</b> | <b>8 - 40</b>                                             | <b>2.1 - 10.5</b> | <b>1</b>                                   | <b>G 3/8 NPT F</b>                               | <b>G 3/8 NPT F</b>                              | <b>G 3/8 NPT F</b> |
| <b>H284USKE *</b>                   | <b>280</b>                                                                                      | <b>28</b> | <b>4060</b> | <b>8 - 40</b>                                             | <b>2.1 - 10.5</b> | <b>1</b>                                   | <b>G 3/8 F</b>                                   | <b>G 3/8 F</b>                                  | <b>G 3/8 F</b>     |
| <b>H284USKE NPT *</b>               | <b>280</b>                                                                                      | <b>28</b> | <b>4060</b> | <b>8 - 40</b>                                             | <b>2.1 - 10.5</b> | <b>1</b>                                   | <b>G 3/8 NPT F</b>                               | <b>G 3/8 NPT F</b>                              | <b>G 3/8 NPT F</b> |

\* Easy Start

Max. Temperature **85 °C (185 °F)**

**H168  
H288**



**NEW**

| Model<br>Modèle<br>Modell<br>Modelo | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. |           |             | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                   | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass          |
|-------------------------------------|-------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------------------|-------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|------------------|
| <b>H168</b>                         | <b>160</b>                                                                                      | <b>16</b> | <b>2320</b> | <b>20-80</b>                                              | <b>5.3 - 21.1</b> | <b>1,3</b>                                 | <b>G 1/2 F</b>                                   | <b>G 1/2 F</b>                                  | <b>G 1/2 F</b>   |
| <b>H168NPT</b>                      | <b>160</b>                                                                                      | <b>16</b> | <b>2320</b> | <b>20-80</b>                                              | <b>5.3 - 21.1</b> | <b>1,3</b>                                 | <b>1/2 NPT F</b>                                 | <b>1/2 NPT F</b>                                | <b>1/2 NPT F</b> |
| <b>H288</b>                         | <b>280</b>                                                                                      | <b>28</b> | <b>4060</b> | <b>20-80</b>                                              | <b>5.3 - 21.1</b> | <b>1,3</b>                                 | <b>G 1/2 F</b>                                   | <b>G 1/2 F</b>                                  | <b>G 1/2 F</b>   |
| <b>H288NPT</b>                      | <b>280</b>                                                                                      | <b>28</b> | <b>4060</b> | <b>20-80</b>                                              | <b>5.3 - 21.1</b> | <b>1,3</b>                                 | <b>1/2 NPT F</b>                                 | <b>1/2 NPT F</b>                                | <b>1/2 NPT F</b> |

Max. Temperature **85 °C (185 °F)**

**H450**



| Model<br>Modèle<br>Modell<br>Modelo | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. |           |             | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |              | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass        |
|-------------------------------------|-------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------------------|--------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|----------------|
| <b>H450</b>                         | <b>400</b>                                                                                      | <b>40</b> | <b>5800</b> | <b>50</b>                                                 | <b>13.21</b> | <b>2,8</b>                                 | <b>G 1/2 F</b>                                   | <b>G 1/2 M</b>                                  | <b>G 1/2 F</b> |

Max. Temperature **85 °C (185 °F)**

**BH210**



| Model<br>Modèle<br>Modell<br>Modelo | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. |           |             | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |               | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass        |
|-------------------------------------|-------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------------------|---------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|----------------|
| <b>BH210</b>                        | <b>210</b>                                                                                      | <b>21</b> | <b>3045</b> | <b>10-110</b>                                             | <b>2.6-29</b> | <b>1,95</b>                                | <b>G 1/2 F</b>                                   | <b>G 1/2 F</b>                                  | <b>G 3/4 F</b> |

**H253.SS**



STAINLESS  
STEEL  
AISI 316 L

**H Series Stainless Steel** Max. Temperature **85 °C (185 °F)**

- Stainless steel automatic pressure regulator • Régulateur automatique de pression en acier inox
- Automatisches Druckregelventil aus Edelstahl • Regulador automático de presión en acero inoxidable
- Regolare automatico di pressione in acciaio inox

| Model<br>Modèle<br>Modell<br>Modelo | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. |           |             | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                    | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass        |
|-------------------------------------|-------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------------------|--------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|----------------|
| <b>H253.SS</b>                      | <b>250</b>                                                                                      | <b>25</b> | <b>3600</b> | <b>8 ÷ 30</b>                                             | <b>2.11 ÷ 7.92</b> | <b>1,02</b>                                | <b>G 3/8 F</b>                                   | <b>G 3/8 M</b>                                  | <b>G 3/8 F</b> |

**H560**



STAINLESS  
STEEL AISI 420

**H Series Stainless Steel**

- Stainless steel automatic pressure regulator • Régulateur automatique de pression en acier inox
- Automatisches Druckregelventil aus Edelstahl • Regulador automático de presión en acero inoxidable
- Regolare automatico di pressione in acciaio inox

| Model<br>Modèle<br>Modell<br>Modelo | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. |           |             | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |              | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass        |
|-------------------------------------|-------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------------------|--------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|----------------|
| <b>H560</b>                         | <b>500</b>                                                                                      | <b>50</b> | <b>7250</b> | <b>60</b>                                                 | <b>15.82</b> | <b>2,7</b>                                 | <b>G 1/2 F</b>                                   | <b>G 1/2 F</b>                                  | <b>G 1/2 F</b> |



# H series CONTROLSET

AUTOMATIC PRESSURE REGULATORS WHICH PERMIT TO SET THE PRESSURE TO ZERO IN THE PUMP COMPLETE WITH CHEMICAL INJECTOR AND BY-PASS  
 RÉGULATEURS AUTOMATIQUES DEPRESSION, QUI PERMETTENT D'ABAISSER LA PRESSION À ZÉRO DANS LA POMPE COMPLÈTE DE L'INJECTEUR DÉTERGENT ET BY-PASS  
 AUTOMATISCHE DRUCKREGELVENTILE, DIE DEN DRUCK IN DER PUMPE AUF NULL STELLEN MIT CHEMIEINJEKTOR UND BY-PASS  
 REGULADORES AUTOMÁTICOS DE PRESIÓN QUE PERMITEN BAJAR LA PRESIÓN A CERO EN LA BOMBA CON INYECTOR DETERGENTE Y BY-PASS  
 REGOLATORI AUTOMATICI DI PRESSIONE CHE CONSENTONO DI AZZERARE LA PRESSIONE IN POMPA COMPLETI DI INIETTORE DETERGENTE E BY-PASS



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello                                                                                                                   | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Pump Series<br>Modelle Pompe<br>Pumpenmodell<br>Modelo Bomba<br>Serie Pompe |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------|
|                                                                                                                                                                  | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |                                                                             |
|                                                                                                                                                                  |                                                           |     |        |                                                           |                 |                                            |                                                  |                                                 |                                                                             |
| SETMATIC SC <sup>(*)</sup>                                                                                                                                       | 310                                                       | 31  | 4500   | 6 ÷ 21                                                    | 1.6 ÷ 5.5       | 0,75                                       | G1/2 F                                           | G3/8 M<br>M22x1,5M                              | 44 - 47<br>63<br>E1 - E2 - E3                                               |
| SETMATIC 0                                                                                                                                                       | 310                                                       | 31  | 4500   | 6 ÷ 14                                                    | 1.6 ÷ 3.7       |                                            |                                                  |                                                 |                                                                             |
| SETMATIC 1                                                                                                                                                       | 310                                                       | 31  | 4500   | 15 ÷ 21                                                   | 3.95 ÷ 5.55     |                                            |                                                  |                                                 |                                                                             |
| * Models without chemical injector - Modèles sans injecteur détergent - Modell ohne Chemieinjektor<br>Modelos sin inyector - Modelli senza iniettore detergente. |                                                           |     |        |                                                           |                 |                                            |                                                  |                                                 |                                                                             |



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello                                                                                                                   | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Pump Series<br>Modelle Pompe<br>Pumpenmodell<br>Modelo Bomba<br>Serie Pompe |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------|
|                                                                                                                                                                  | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |                                                                             |
|                                                                                                                                                                  |                                                           |     |        |                                                           |                 |                                            |                                                  |                                                 |                                                                             |
| SETMATIC S&G SC <sup>(*)</sup>                                                                                                                                   | 310                                                       | 31  | 4500   | 6 ÷ 21                                                    | 1.6 ÷ 5.5       | 0,9                                        | G1/2 F                                           | G3/8 M<br>M22x1,5M                              | 44 - 47<br>63<br>E1 - E2 - E3                                               |
| SETMATIC S&G 0                                                                                                                                                   | 310                                                       | 31  | 4500   | 6 ÷ 14                                                    | 1.6 ÷ 3.7       |                                            |                                                  |                                                 |                                                                             |
| SETMATIC S&G 1                                                                                                                                                   | 310                                                       | 31  | 4500   | 15 ÷ 21                                                   | 3.95 ÷ 5.55     |                                            |                                                  |                                                 |                                                                             |
| * Models without chemical injector - Modèles sans injecteur détergent - Modell ohne Chemieinjector<br>Modelos sin inyector - Modelli senza iniettore detergente. |                                                           |     |        |                                                           |                 |                                            |                                                  |                                                 |                                                                             |



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Pump Series<br>Modelle Pompe<br>Pumpenmodell<br>Modelo Bomba<br>Serie Pompe |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |                                                                             |
| W2-0                                           | 250                                                       | 25  | 3750   | 7 ÷ 10                                                    | 1.85 ÷ 2.64     | 1,52                                       | G1/2 F                                           | G3/8 M<br>M22x1,5M                              | 44<br>50                                                                    |
| W2-1                                           |                                                           |     |        | 11 ÷ 15                                                   | 2.90 ÷ 4        |                                            |                                                  |                                                 |                                                                             |
| W2-2                                           |                                                           |     |        | 16 ÷ 21                                                   | 4.22 ÷ 5.55     |                                            |                                                  |                                                 |                                                                             |
| W2-SC <sup>(*)</sup>                           | 250                                                       | 25  | 3750   | 7 ÷ 21                                                    | 1.85 ÷ 5.55     | 1,52                                       | G1/2 F                                           | G3/8 M<br>M22x1,5M                              | 47                                                                          |
| W2L-1                                          | 250                                                       | 25  | 3750   | 11 ÷ 15                                                   | 2.90 ÷ 4        |                                            |                                                  |                                                 |                                                                             |
| W2L-2                                          |                                                           |     |        | 16 ÷ 21                                                   | 4.22 ÷ 5.55     |                                            |                                                  |                                                 |                                                                             |
| W2L-SC <sup>(*)</sup>                          | 250                                                       | 25  | 3750   | 11 ÷ 21                                                   | 2.90 ÷ 5.55     | 1,52                                       | G1/2 F                                           | G3/8 M<br>M22x1,5M                              | 63                                                                          |
| W2-0-63                                        | 250                                                       | 25  | 3750   | 7 ÷ 10                                                    | 1.85 ÷ 2.64     |                                            |                                                  |                                                 |                                                                             |
| W2-1-63                                        |                                                           |     |        | 11 ÷ 15                                                   | 2.90 ÷ 4        |                                            |                                                  |                                                 |                                                                             |
| W2-2-63                                        |                                                           |     |        | 16 ÷ 21                                                   | 4.22 ÷ 5.55     |                                            |                                                  |                                                 |                                                                             |
| W2-SC-63 <sup>(*)</sup>                        | 250                                                       | 25  | 3750   | 7 ÷ 21                                                    | 1.85 ÷ 5.55     | 1,52                                       | G1/2 F                                           | G3/8 M<br>M22x1,5M                              | 63                                                                          |

\* Models without chemical injector - Modèles sans injecteur détergent - Modell ohne Chemieinjektor  
 Modelos sin inyector - Modelli senza iniettore detergente.

# Pressure regulators

**KR**



**AUTOMATIC PRESSURE REGULATOR WITH PRESSURE GAUGE, INJECTOR AND FILTER**  
**RÉGULATEUR AUTOMATIQUE DE PRESSION AVEC MANOMÈTRE, INJECTEUR DÉTERGENT ET FILTRE**  
**AUTOMATISCHES DRUCKREGELVENTIL MIT MANOMETER, INJEKTOR UND FILTER**  
**REGULADOR AUTOMÁTICO DE PRESIÓN CON MANÓMETRO, INYECTOR Y FILTRO**  
**REGOLATORE AUTOMATICO DI PRESSIONE CON MANOMETRO, INIETTORE E FILTRO**

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Pump Series<br>Modelle Pompe<br>Pumpenmodell<br>Modelo Bomba<br>Serie Pompe |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |                                                                             |
| KR1                                            | 70                                                        | 7   | 1000   | 8                                                         | 2.11            | 1,22                                       | G3/8 F                                           | M22x1,5M                                        | 51                                                                          |
| KR2                                            |                                                           |     |        | 11                                                        | 2.9             |                                            |                                                  |                                                 |                                                                             |
| KR90                                           | 90                                                        | 9   | 1300   | 8                                                         | 2.11            |                                            |                                                  |                                                 |                                                                             |
| KR100                                          | 120                                                       | 12  | 1750   | 11                                                        | 2.9             |                                            |                                                  |                                                 |                                                                             |

**TIMAX**



**PRESSURE REGULATOR WITH ZERO-SETTING LEVER**  
**RÉGULATEUR DE PRESSION AVEC MISE À ZÉRO PAR LÉVIER**  
**DRUCKREGELVENTIL MIT NULL-STELLUNGSHABEL**  
**REGULADOR DE PRESIÓN CON LEVA DE PUESTA EN CERO**  
**REGOLATORE DI PRESSIONE CON AZZERAMENTO A LEVA**

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |         |
| TIMAX                                          | 60                                                        | 6   | 900    | 200                                                       | 52.8            | 1,7                                        | G3/4 F                                           | G1/2 F                                          | G1 F    |

**Max. Temperature 85 °C (185 °F)**

**TIMAX 100**



**PRESSURE REGULATOR WITH ZERO-SETTING LEVER**  
**RÉGULATEUR DE PRESSION AVEC MISE À ZÉRO PAR LÉVIER**  
**DRUCKREGELVENTIL MIT NULL-STELLUNGSHABEL**  
**REGULADOR DE PRESIÓN CON LEVA DE PUESTA EN CERO**  
**REGOLATORE DI PRESSIONE CON AZZERAMENTO A LEVA**

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |         |
| TIMAX 100                                      | 100                                                       | 10  | 1450   | 200                                                       | 52.8            | 1,7                                        | G3/4 F                                           | G1/2 F                                          | G1 F    |

**Max. Temperature 85 °C (185 °F)**



# Pressure regulators

**R1**



PRESSURE REGULATOR / RÉGULATEUR DE PRESSION / DRUCKREGELVENTIL  
REGULADOR DE PRESIÓN / REGOLATORE DI PRESSIONE

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |         |
| <b>R1/200</b>                                  | 200                                                       | 20  | 2900   | 110                                                       | 29              | 2,5                                        | G3/4 F                                           | G3/4 F  |
| <b>R1/400</b>                                  | 400                                                       | 40  | 5800   | 110                                                       | 29              | 2,8                                        |                                                  |         |
| <b>R1/600</b>                                  | 600                                                       | 60  | 8700   | 70                                                        | 18.5            | 2,8                                        |                                                  |         |

Max. Temperature 85 °C (185 °F)

**R2**



PRESSURE REGULATOR  
RÉGULATEUR DE PRESSION  
DRUCKREGELVENTIL  
REGULADOR DE PRESIÓN  
REGOLATORE DI PRESSIONE

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | By-pass  |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|----------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |                                                 |          |
| <b>R2</b>                                      | 210                                                       | 21  | 3045   | 230                                                       | 61              | 4,5                                        | G1 F                                             | G3/4 F                                          | G1-1/4 F |

Max. Temperature 85 °C (185 °F)

**SX1**



STAINLESS  
STEEL  
AISI 316 L

STAINLESS STEEL PRESSURE REGULATOR  
RÉGULATEUR DE PRESSION EN ACIER INOX  
DRUCKREGELVENTIL AUS EDELSTAHL  
REGULADOR DE PRESIÓN EN ACERO INOXIDABLE  
REGOLATORE DI PRESSIONE IN ACCIAIO INOX

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |         |
| <b>SX1</b>                                     | 250                                                       | 25  | 3600   | 60                                                        | 15.82           | 0,79                                       | G1/2 F                                           | G1/2 F  |

Max. Temperature 85 °C (185 °F)

**R1X**



STAINLESS  
STEEL

STAINLESS STEEL PRESSURE REGULATOR / RÉGULATEUR DE PRESSION EN ACIER INOX  
DRUCKREGELVENTIL AUS EDELSTAHL / REGULADOR DE PRESIÓN EN ACERO INOXIDABLE  
REGOLATORE DI PRESSIONE IN ACCIAIO INOX

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |         |
| <b>R1X/200</b>                                 | 200                                                       | 20  | 2900   | 110                                                       | 29              | 2,5                                        | G3/4 F                                           | G3/4 F  |
| <b>R1X/400</b>                                 | 400                                                       | 40  | 5800   | 110                                                       | 29              | 2,8                                        |                                                  |         |
| <b>R1X/600</b>                                 | 600                                                       | 60  | 8700   | 70                                                        | 18.5            | 2,8                                        |                                                  |         |

Max. Temperature 85 °C (185 °F)

# Max. pressure setting valves

**SR**



MAX. PRESSURE SETTING VALVE WITH BY-PASS PRESSURE ADJUSTMENT  
 SOUPAPE DE RÉGLAGE PRESSION MAXI. AVEC RÉGULATION DE LA PRESSION DE BYPASS  
 MAX. DRUCK EINSTELLUNGSVENTIL MIT BYPASSDRUCKREGULIERUNG  
 VALVULA DE REGULACIÓN DE LA PRESIÓN MÁXIMA CON CALIBRACIÓN DE LA PRESIÓN DE BYPASS  
 VALVOLA DI TARATURA PRESSIONE MASSIMA CON REGOLAZIONE PRESSIONE DI BY-PASS

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |         |
| SR                                             | 200                                                       | 20  | 3000   | 41                                                        | 10.83           | 0,42                                       | G3/8 M                                           | G1/4 F  |

**S284**



MAX. PRESSURE SETTING VALVE WITH DISCHARGE NIPPLE  
 SOUPAPE DE RÉGLAGE PRESSION MAXI. AVEC NIPPLE DE DÉCHARGE  
 MAX. DRUCK-EINSTELLUNGSVENTIL MIT AUSLAßNIPPLE  
 VÁLVULA DE REGULACIÓN DE PRESIÓN MÁXIMA CON NIPLE DE DESCARGA  
 VALVOLA TARATURA PRESSIONE MASSIMA CON SCARICO VEICOLATO

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | By-pass |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|---------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |         |
| S284                                           | 340                                                       | 34  | 4930   | 7-41                                                      | 1.9-10.8        | 0,2                                        | Rc 3/8 M                                         | Ø 10 mm |

Max. Temperature 85 °C (185 °F)

**S3**



MAX. PRESSURE SETTING VALVE WITH EXTERNAL OVERFLOW DISCHARGE  
 SOUPAPE DE RÉGLAGE PRESSION MAXI. AVEC DÉCHARGE À L'EXTÉRIEUR  
 MAX. DRUCK EINSTELLUNGSVENTIL MIT DRUCKENTLASTUNG NACH AUSSEN  
 VALVULA DE REGULACIÓN DE LA PRESIÓN MÁXIMA CON DESCARGA AL EXTERIOR  
 VALVOLA DI TARATURA PRESSIONE MASSIMA CON SCARICO ESTERNO

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         |                                                  |
| S3                                             | 700                                                       | 70  | 10000  | 100                                                       | 2.41            | 0,900                                      | G1/2 M                                           |

## AUTOMATIC GUNS - PISTOLETS AUTOMATIQUES AUTOMATISCHE PISTOLEN - PISTOLAS AUTOMÁTICAS PISTOLE AUTOMATICHE



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Max.Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. |     | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------|-----|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | °C                                                                                            | °F  | kg                                         |                                                  |                                                 |
| P11                                            | 200                                                       | 20  | 3000   | 40                                                        | 10.56           | 140                                                                                           | 284 | 0,56                                       | G1/4 F                                           | G1/4 F                                          |
| PIMATIC                                        |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,78                                       | G1/4 M                                           | G1/4 F                                          |
| P3                                             | 280                                                       | 28  | 4060   | 42                                                        | 11.10           | 150                                                                                           | 300 | 0,52                                       | G1/4 M                                           | G1/4 F                                          |
| P350                                           | 350                                                       | 35  | 5075   | 41                                                        | 10.5            | 150                                                                                           | 300 | 0,7                                        | M22X1,5M                                         | G1/4 F                                          |
| P350S (*)                                      |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,7                                        |                                                  |                                                 |
| P350L                                          |                                                           |     |        |                                                           |                 |                                                                                               |     | 1,2                                        | M22X1,5M                                         | M22X1,5F                                        |
| P350LS (*)                                     |                                                           |     |        |                                                           |                 |                                                                                               |     | 1,2                                        |                                                  |                                                 |

(\*) With - Avec - Mit - Con: **SWIVEL**

## STAINLESS STEEL PROFESSIONAL GUN - PISTOLET PROFESSIONNEL EN ACIER INOX PROFESSIONNELLE EDELSTAHLPISTOLE - PISTOLA PROFESIONAL EN ACERO INOX PISTOLA PROFESSIONALE IN ACCIAIO INOX

### STAINLESS STEEL

P560



P560L07  
P560L10

STAINLESS STEEL



- Version with extension lance
- Version avec lance
- Version mit Strahlrohr
- Versión con lanza
- Versione con lancia

P560L07S  
P560L10S

STAINLESS STEEL



- Version with shoulder support and extension lance
- Version avec support pour épaule et lance
- Version mit Schulterstutzen und Strahlrohr
- Versión con soporte para espalda y lanza
- Versione con spalliera e lancia

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Max.Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. |     | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita |
|------------------------------------------------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|--------------------------------------------|-----------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-------------------------------------------------|
|                                                | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | kg                                         | °C                                                                                            | °F  |                                                  |                                                 |
| P560                                           | 600                                                       | 60  | 8700   | 60                                                        | 15.85           | 1,60                                       | 70                                                                                            | 158 | G1/2 F                                           | G3/8 F                                          |

|          |                                                                                                                                                                                                                          |         |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| P560L07  | P560 + lance 750 mm.<br>P560 + lance 750 mm.<br>P560 + Strahlrohr 750 mm.<br>P560 + lanza 750 mm.<br>P560 + lancia 750 mm.                                                                                               | kg 2,22 |
| P560L10  | P560 + lance 1000 mm.<br>P560 + lance 1000 mm.<br>P560 + Strahlrohr 1000 mm.<br>P560 + lanza 1000 mm.<br>P560 + lancia 1000 mm.                                                                                          | kg 2,77 |
| P560L7S  | P560 + lance 750 mm. and shoulder support<br>P560 + lance 750 mm. et support épaule<br>P560 + Strahlrohr 750 mm. und Schulterstutzen<br>P560 + lanza 750 mm. y soporte espalda<br>P560 + lancia 750 mm. e spalliera      | kg 2,52 |
| P560L10S | P560 + lance 1000 mm. and shoulder support<br>P560 + lance 1000 mm. et support épaule<br>P560 + Strahlrohr 1000 mm. und Schulterstutzen<br>P560 + lanza 1000 mm. y soporte espalda<br>P560 + lancia 1000 mm. e spalliera | kg 3,27 |



ATEX

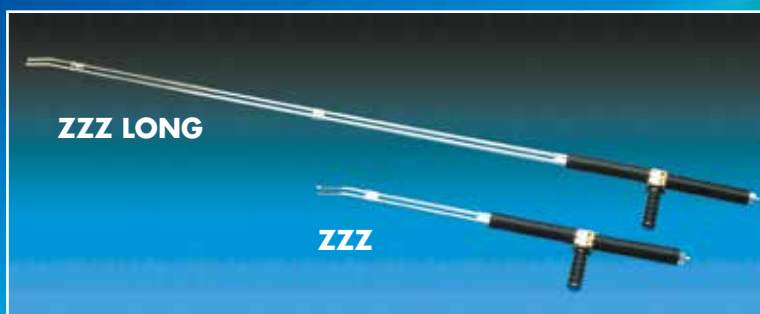
- **Features:** Hydraulically compensated trigger, allowing ergonomic operation without user fatigue.
- **Available accessories:** • Shoulder support
- Extension lance (750 mm or 1000 mm).
- **Caractéristiques:** Actionnement compensé hydrauliquement, qui permet une utilisation ergonomique en réduisant au minimum d'effort pour l'opérateur.
- **Accessoires disponibles:** • Support pour épaule
- Lance (750 mm ou 1000 mm).
- **Eigenschaften:** Hydraulisch ausgeglichene Betätigung erlaubt ergonomischen Gebrauch ohne Mühe für den Bediener.
- **Zubehör:** • Schulterstutzen • Strahlrohr (750 mm oder 1000 mm).
- **Características:** Accionamiento compensado hidráulicamente, que permite un uso ergonómico reduciendo al mínimo el esfuerzo para el operador.
- **Accessorios disponible:** • Soporte para espalda
- Lanza (750 mm ó 1000 mm).
- **Caratteristiche:** Azionamento bilanciato idraulicamente per un utilizzo ergonomico che riduce al minimo la fatica dell'operatore.
- **Accessori disponibili:** • Spalliera
- Lancia (750 mm o 1000 mm).



ATEX

LANCES - LANZEN - LANZAS - LANCE

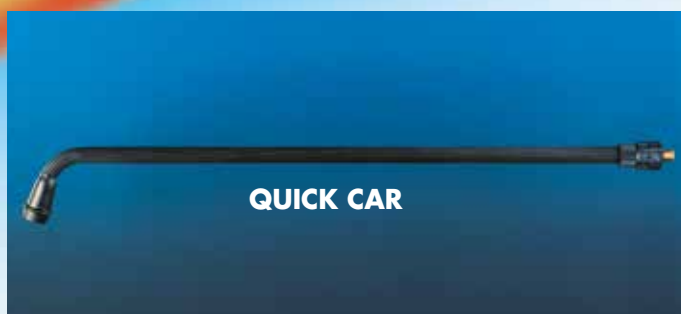
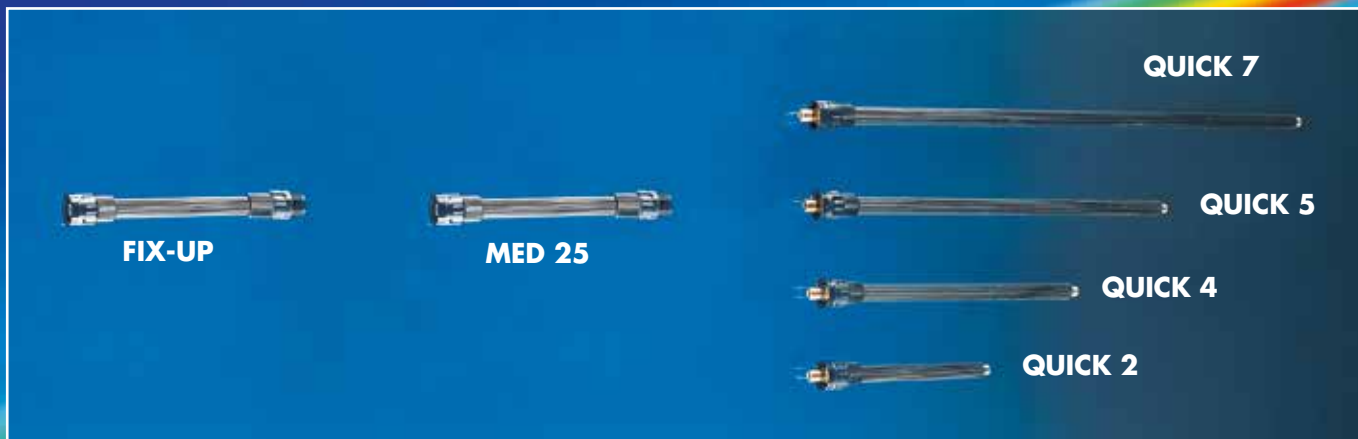
## STANDARD



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Length<br>Longueur<br>Länge<br>largo<br>Lunghezza |     | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Max.Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. |     | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita |
|------------------------------------------------|---------------------------------------------------|-----|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------|-----|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|
|                                                | mm.                                               | in. | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | °C                                                                                            | °F  | kg                                         |                                                  |                                                 |
| <b>Z 7</b>                                     | 700                                               | 27  | 200                                                       | 20  | 3000   | 40                                                        | 10.56           | 140                                                                                           | 284 | 0,65                                       | G1/4 M                                           | G1/8 F<br>or<br>G 1/4 F                         |
| <b>Z 9</b>                                     | 900                                               | 35  |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,82                                       |                                                  |                                                 |
| <b>Z 12</b>                                    | 1200                                              | 47  |                                                           |     |        |                                                           |                 |                                                                                               |     | 1,15                                       |                                                  |                                                 |
| <b>Z 15</b>                                    | 1500                                              | 59  |                                                           |     |        |                                                           |                 |                                                                                               |     | 1,28                                       |                                                  |                                                 |
| <b>Z 17</b>                                    | 1700                                              | 67  |                                                           |     |        |                                                           |                 |                                                                                               |     | 1,38                                       |                                                  |                                                 |
| <b>Z 20</b>                                    | 2000                                              | 79  |                                                           |     |        |                                                           |                 |                                                                                               |     | 1,54                                       |                                                  |                                                 |
| <b>Double lance ZZZ</b>                        | 890                                               | 35  | 600                                                       | 60  | 8700   | 100                                                       | 26              | 70                                                                                            | 158 | 1,38                                       | G3/8 M                                           | G1/8 F<br>or<br>G 1/4 F                         |
| <b>Double lance ZZZ long</b>                   | 1890                                              | 74  |                                                           |     |        |                                                           |                 |                                                                                               |     | 2,16                                       |                                                  |                                                 |
| <b>Z 756</b>                                   | 750                                               | 29  |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,90                                       |                                                  |                                                 |
| <b>Z 1056</b>                                  | 1000                                              | 39  |                                                           |     |        |                                                           |                 |                                                                                               |     | 1,17                                       |                                                  |                                                 |

LANCES - LANZEN - LANZAS - LANCE

## QUICKLANCE



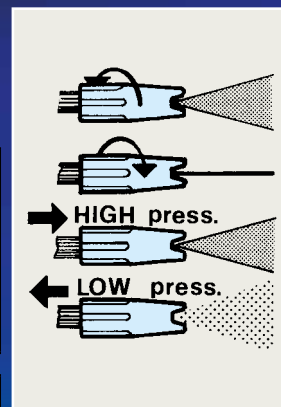
| Model<br>Modèle<br>Modell<br>Modelo | Length<br>Longueur<br>Länge<br>largo<br>Lunghezza |      | Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |                 | Max.Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. |     | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita |
|-------------------------------------|---------------------------------------------------|------|-----------------------------------------------------------|-----|--------|-----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------|-----|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|
|                                     | mm.                                               | in.  | bar                                                       | MPa | p.s.i. | l/min                                                     | GPM<br>(U.S.A.) | °C                                                                                            | °F  | kg                                         |                                                  |                                                 |
| FIX-UP                              | 250                                               | 9,8  | 100                                                       | 10  | 1500   | 40                                                        | 10.56           | 60                                                                                            | 140 | 0,24                                       | G1/4 M                                           | M27X2 M                                         |
| MED 25                              | 250                                               | 9,8  |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,29                                       | M27X2 M                                          | M27X2 F                                         |
| QUICK 2                             | 220                                               | 8,7  |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,22                                       | M27X2 F                                          | G1/4 M                                          |
| QUICK 4                             | 350                                               | 13,7 |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,32                                       |                                                  |                                                 |
| QUICK 5                             | 500                                               | 19,7 |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,42                                       |                                                  |                                                 |
| QUICK 7                             | 750                                               | 29,5 |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,62                                       |                                                  |                                                 |
| QUICK CAR                           | 750                                               | 29,5 | 250                                                       | 25  | 3625   |                                                           |                 |                                                                                               |     | 0,63                                       | G1/4 M                                           | M22X1,5M                                        |
| FIX-UP 35                           | 350                                               | 13,7 |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,34                                       |                                                  |                                                 |
| QUICK 35                            | 350                                               | 13,7 |                                                           |     |        |                                                           |                 |                                                                                               |     | 0,33                                       | M22X1,5M                                         | G1/4 M                                          |

# Multifunction nozzle holder

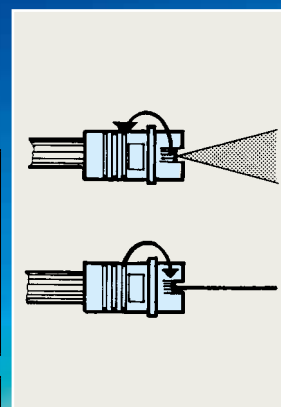
## PORTE-BUSES MULTIFONCTION - MULTIFUNKTIONS-DÜSENHALTER PORTA BOQUILLAS MULTIFUNCIÓN - PORTA UGELLI



| <b>MULTIREG 99</b>                                        |                                                           | Multiregulation head<br>Tête multirégulation<br>Multifunktions-Düse<br>Cabezal de regulación múltiple<br>Testina a regolazione multipla |                                            |                                                  |  |
|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|--|
| Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max.                                           | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |  |
| bar MPa p.s.i.                                            | l/min GPM (U.S.A.)                                        | °C °F                                                                                                                                   | kg                                         |                                                  |  |
| 250 25 3600                                               | 21 5.55                                                   | 60 140                                                                                                                                  | 0,21                                       | G1/4 F                                           |  |



| <b>VARIOJET</b>                                           |                                                           | Variable jet nozzle<br>Buse à angle variable<br>Variodüse<br>Boquilla de chorro variable<br>Ugello a getto variabile |                                            |                                                  |  |
|-----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|--|
| Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max.                        | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |  |
| bar MPa p.s.i.                                            | l/min GPM (U.S.A.)                                        | °C °F                                                                                                                | kg                                         |                                                  |  |
| 200 20 3000                                               | 21 5,55                                                   | 140 284                                                                                                              | 0,08                                       | G1/4 F                                           |  |



NOZZLES FOR INTERPUMP ACCESSORIES (MULTIREG 99/VARIOJET) - BUSES POUR ACCESSOIRES INTERPUMP (MULTIREG 99/VARIOJET) DÜSEN FÜR INTERPUMP-ZUBEHÖR (MULTIREG 99/VARIOJET) - BOQUILLAS PARA ACCESORIOS INTERPUMP (MULTIREG 99/VARIOJET) UGELLI PER ACCESSORI INTERPUMP (MULTIREG 99/VARIOJET)



= PRESS. bar (MPa)

= VOLUME L/min

| COLOR REF.<br>COLORE RIF. | COD. | 40<br>(4) | 50<br>(5) | 60<br>(6) | 70<br>(7) | 80<br>(8) | 90<br>(9) | 100<br>(10) | 110<br>(11) | 120<br>(12) | 130<br>(13) | 140<br>(14) | 150<br>(15) | 160<br>(16) | 175<br>(17,5) | 200<br>(20) | 225<br>(22,5) | 250<br>(25) |
|---------------------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|
| Gray / Grigio             | 120  | 4,2       | 4,7       | 5,2       | 5,6       | 6         | 6,4       | 6,7         | 7           | 7,3         | 7,6         | 7,9         | 8,2         | 8,5         | 8,8           | 9,5         | 10,1          | 10,6        |
| Beige                     | 125  | 4,8       | 5,4       | 5,8       | 6,3       | 6,7       | 7,2       | 7,5         | 7,9         | 8,3         | 8,6         | 8,9         | 9,2         | 9,5         | 10,0          | 10,8        | 11,3          | 11,9        |
| Orange / Arancio          | 130  | 5,2       | 5,8       | 6,3       | 6,8       | 7,3       | 7,8       | 8,2         | 8,6         | 9,0         | 9,3         | 9,7         | 10,0        | 10,3        | 10,8          | 11,6        | 12,1          | 12,8        |
| Dark blue/Blu scuro       | 135  | 5,6       | 6,3       | 6,8       | 7,3       | 7,9       | 8,4       | 8,8         | 9,3         | 9,6         | 10,0        | 10,4        | 10,8        | 11,1        | 11,7          | 12,5        | 13,1          | 13,8        |
| Red / Rosso               | 140  | 6,3       | 7,1       | 7,7       | 8,4       | 8,9       | 9,5       | 10,0        | 10,5        | 10,9        | 11,4        | 11,8        | 12,2        | 12,6        | 13,2          | 14,4        | 15,1          | 15,9        |
| Yellow / Giallo           | 145  | 6,8       | 7,6       | 8,4       | 9,0       | 9,6       | 10,2      | 10,8        | 11,3        | 11,8        | 12,3        | 12,8        | 13,2        | 13,7        | 14,3          | 15,3        | 16,2          | 17,0        |
| Light blue/Azzurro        | 150  | 7,4       | 8,3       | 9,1       | 9,8       | 10,5      | 11,1      | 11,7        | 12,3        | 12,9        | 13,4        | 13,9        | 14,4        | 14,9        | 15,5          | 16,6        | 17,6          | 18,5        |
| White / Bianco            | 155  | 7,7       | 8,6       | 9,4       | 10,2      | 10,9      | 11,5      | 12,2        | 12,8        | 13,3        | 13,9        | 14,4        | 14,9        | 15,4        | 16,1          | 17,2        | 18,2          | 19,2        |
| Black / Nero              | 160  | 8,4       | 9,4       | 10,3      | 11,1      | 11,9      | 12,6      | 13,3        | 14,0        | 14,6        | 15,2        | 15,8        | 16,3        | 16,9        | 17,6          | 18,9        | 20,0          | 21,1        |
| Purple / Viola            | 165  | 8,9       | 9,9       | 10,9      | 11,8      | 12,6      | 13,3      | 14,1        | 14,8        | 15,4        | 16,0        | 16,7        | 17,2        | 17,8        | 18,6          | 19,9        | 21,1          | 22,2        |
| Brown / Marrone           | 170  | 9,2       | 10,3      | 11,3      | 12,2      | 13,1      | 13,9      | 14,6        | 15,3        | 16,0        | 16,7        | 17,3        | 17,9        | 18,5        | 19,3          | 20,7        | 21,9          | 23,1        |
| Neutral / Neutro          | 175  | 10,8      | 12,1      | 13,3      | 14,4      | 15,3      | 16,3      | 17,2        | 18,0        | 18,8        | 19,6        | 20,3        | 21,0        | 21,7        | 22,7          | 24,3        | 25,7          | 27,1        |
| Green / Verde             | 180  | 11,4      | 12,7      | 13,9      | 15,0      | 16,0      | 17,0      | 18,0        | 18,8        | 19,7        | 20,5        | 21,2        | 22,0        | 22,7        | 23,8          | 25,4        | 27,0          | 28,4        |

The delivery of nozzles must not exceed 95% of the pump delivery - Le débit des buses ne doit pas dépasser 95% du débit de la pompe - Die Förderleistung der Düsen darf nicht 95% der Förderleistung der Pumpe überschreiten - El caudal de las boquillas no debe sobrepasar 95% del caudal de la bomba - La portata degli ugelli non deve superare il 95% della portata della pompa

# Rotating nozzle

## BUSES ROTATIVES - ROTIERENDE DÜSEN BOQUILLAS ROTATIVAS - UGELLI ROTANTI

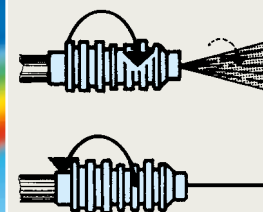


### ROTOCLEAN

Rotating nozzle with variable jet (hobby)  
Buse rotative à jet variable (hobby)  
Rotierende Düse mit Strahlverstellung (hobby)  
Boquilla rotativa de chorro variable (hobby)  
Ugello rotante a getto variabile (hobby)

| Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max. Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |
|-----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|
| bar MPa p.s.i.                                            | l/min GPM (U.S.A.)                                        | °C °F                                                                                          | kg                                         |                                                  |

|     |    |      |    |      |    |     |      |        |
|-----|----|------|----|------|----|-----|------|--------|
| 100 | 10 | 1500 | 13 | 3.43 | 60 | 140 | 0,08 | G1/4 F |
|-----|----|------|----|------|----|-----|------|--------|



NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLE  
TABLA DE BOQUILLAS - TABELLA UGELLI

■ = PRESS. bar (MPa)

■ = VOLUME L/min

| TYPE<br>TIPO | COLOR CODE<br>CODICE COLORE | 20<br>(2) | 30<br>(3) | 40<br>(4) | 50<br>(5) | 60<br>(6) | 70<br>(7) | 80<br>(8) | 90<br>(9) | 10<br>(10) |
|--------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| ROTIN 135    | 135 Dark blue/Blu scuro     | 3,3       | 4,3       | 5,0       | 5,4       | 6,0       | 6,5       | 7,0       | 7,4       | 7,7        |
| ROTIN 140    | 140 Red / Rosso             | 3,6       | 4,6       | 5,4       | 5,9       | 6,5       | 7,1       | 7,6       | 8,1       | 8,5        |
| ROTIN 145    | 145 Yellow / Giallo         | 3,9       | 4,8       | 5,7       | 6,3       | 6,9       | 7,6       | 8,0       | 8,5       | 9,0        |
| ROTIN 150    | 150 Light blue/Azzurro      | 4,2       | 5,0       | 5,9       | 6,6       | 7,3       | 7,9       | 8,4       | 8,8       | 9,3        |
| ROTIN 155    | 155 White / Bianco          | 4,4       | 5,3       | 6,2       | 6,9       | 7,7       | 8,4       | 8,8       | 9,2       | 9,8        |
| ROTIN 160    | 160 Black / Nero            | 4,7       | 5,6       | 6,5       | 7,2       | 8,0       | 8,8       | 9,1       | 9,5       | 10,3       |
| ROTIN 170    | 170 Brown / Marrone         | 4,9       | 6,0       | 7,2       | 7,9       | 8,8       | 9,5       | 10,0      | 10,7      | 11,3       |

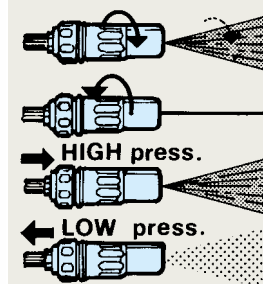


### ROTOTEK

Multifunction rotating nozzle (prof.)  
Buse rotative multifonction (prof.)  
Rotierende Multifunktionsdüse (prof.)  
Boquilla rotativa multifunción (prof.)  
Ugello rotante multifunzione (prof.)

| Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max. Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |
|-----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|
| bar MPa p.s.i.                                            | l/min GPM (U.S.A.)                                        | °C °F                                                                                          | kg                                         |                                                  |

|     |    |      |    |      |    |     |      |        |
|-----|----|------|----|------|----|-----|------|--------|
| 250 | 25 | 3600 | 21 | 5.55 | 60 | 140 | 0,43 | G1/4 F |
|-----|----|------|----|------|----|-----|------|--------|



NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLE  
TABLA DE BOQUILLAS - TABELLA UGELLI

■ = PRESS. bar (MPa)

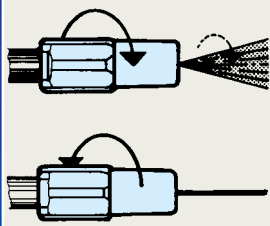
■ = VOLUME L/min

| TYPE<br>TIPO | COLOR CODE<br>CODICE COLORE | 40<br>(4) | 50<br>(5) | 60<br>(6) | 70<br>(7) | 80<br>(8) | 90<br>(9) | 100<br>(10) | 110<br>(11) | 120<br>(12) | 130<br>(13) | 140<br>(14) | 150<br>(15) | 160<br>(16) | 180<br>(18) | 200<br>(20) | 225<br>(22,5) | 250<br>(25) |
|--------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|
| ROTOTEK 135  | 135 Dark blue/Blu scuro     | 5,1       | 5,7       | 6,2       | 6,7       | 7,2       | 7,6       | 8,0         | 8,4         | 8,8         | 9,2         | 9,5         | 9,8         | 10,2        | 10,8        | 11,4        | 12,1          | 12,8        |
| ROTOTEK 140  | 140 Red / Rosso             | 5,6       | 6,3       | 6,9       | 7,5       | 8,0       | 8,5       | 9,0         | 9,4         | 9,8         | 10,2        | 10,6        | 11,0        | 11,3        | 12,0        | 12,6        | 13,5          | 14,3        |
| ROTOTEK 145  | 145 Yellow / Giallo         | 6,1       | 6,8       | 7,4       | 8,0       | 8,6       | 9,1       | 9,6         | 10,1        | 10,5        | 11,0        | 11,4        | 11,8        | 12,2        | 12,9        | 13,6        | 14,4          | 15,2        |
| ROTOTEK 150  | 150 Light blue/Azzurro      | 6,4       | 7,1       | 7,9       | 8,5       | 9,0       | 9,6       | 10,1        | 10,6        | 11,0        | 11,5        | 12,0        | 12,3        | 12,8        | 13,3        | 14,1        | 15,1          | 15,9        |
| ROTOTEK 155  | 155 White / Bianco          | 7         | 7,8       | 8,5       | 9,2       | 9,8       | 10,4      | 11,0        | 11,5        | 12,0        | 12,5        | 13,0        | 13,4        | 13,9        | 14,7        | 15,5        | 16,5          | 17,4        |
| ROTOTEK 160  | 160 Black / Nero            | 7,5       | 8,4       | 9,3       | 10,0      | 10,6      | 11,3      | 11,9        | 12,5        | 13,0        | 13,5        | 14,0        | 14,4        | 15,0        | 15,8        | 16,8        | 17,9          | 18,8        |
| ROTOTEK 175  | 175 Neutral / Neutro        | 9,2       | 10,3      | 11,4      | 12,2      | 13,1      | 13,8      | 14,6        | 15,3        | 16,0        | 16,6        | 17,2        | 17,9        | 18,4        | 19,5        | 20,6        | -             | -           |

The delivery of nozzles must not exceed 95% of the pump delivery - Le débit des buses ne doit pas dépasser 95% du débit de la pompe - Die Förderleistung der Düsen darf nicht 95% der Förderleistung der Pumpe überschreiten - El caudal de las boquillas no debe sobrepasar 95% del caudal de la bomba  
La portata degli ugelli non deve superare il 95% della portata della pompa

# Rotating nozzle

## BUSES ROTATIVES - ROTIERENDE DÜSEN BOQUILLAS ROTATIVAS - UGELLI ROTANTI

|                                                                                   |                                                                  |     |                                                                  |       |                                                                                                      |                                                                                                                                                                                                                                |                                                   |      |                                                         |  |                                                                                     |  |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------|-----|------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------|---------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
|  | <b>ROTOMAX</b>                                                   |     |                                                                  |       |                                                                                                      | Rotating nozzle with variable jet (prof.)<br>Buse rotative à jet variable (prof.)<br>Rotierende Düse mit Strahlverstellung (prof.)<br>Boquilla rotativa de chorro variable (prof.)<br>Ugello rotante a getto variabile (prof.) |                                                   |      |                                                         |  |  |  |
|                                                                                   | <b>Max.pressure</b><br>Pression<br>Druck<br>Presión<br>Pressione |     | <b>Flow rate</b><br>Débit<br>Förderleistung<br>Caudal<br>Portata |       | <b>Max.Temperature</b><br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. |                                                                                                                                                                                                                                | <b>Weight</b><br>Poids<br>Gewicht<br>Peso<br>Peso |      | <b>Inlet</b><br>Entrée<br>Eingang<br>Entrada<br>Entrata |  |                                                                                     |  |
|                                                                                   | bar                                                              | MPa | p.s.i.                                                           | l/min | <b>GPM</b><br>(U.S.A.)                                                                               | °C                                                                                                                                                                                                                             | °F                                                | kg   |                                                         |  |                                                                                     |  |
|                                                                                   | 250                                                              | 25  | 3600                                                             | 21    | 5.55                                                                                                 | 80                                                                                                                                                                                                                             | 176                                               | 0,26 | G1/4 F                                                  |  |                                                                                     |  |
|                                                                                   |                                                                  |     |                                                                  |       |                                                                                                      |                                                                                                                                                                                                                                |                                                   |      |                                                         |  |                                                                                     |  |

NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLET  
ABLA DE BOQUILLAS - TABELLA UGELLI

= PRESS. bar (MPa)

= VOLUME L/min

| TYPE<br>TIPO | COLOR CODE<br>CODICE COLORE | 40<br>(4) | 50<br>(5) | 60<br>(6) | 70<br>(7) | 80<br>(8) | 90<br>(9) | 100<br>(10) | 110<br>(11) | 120<br>(12) | 130<br>(13) | 140<br>(14) | 150<br>(15) | 160<br>(16) | 180<br>(18) | 200<br>(20) | 225<br>(22,5) | 250<br>(25) |
|--------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|
| ROTOMAX 0    | 130 Orange / Arancione      | 4,7       | 5,2       | 5,7       | 6,2       | 6,6       | 7,0       | 7,4         | 7,7         | 8,1         | 8,4         | 8,7         | 9,0         | 9,3         | 9,9         | 10,4        | 11,1          | 11,7        |
| ROTOMAX 1    | 140 Red / Rosso             | 5,6       | 6,3       | 6,9       | 7,5       | 8,0       | 8,5       | 9,0         | 9,4         | 9,8         | 10,2        | 10,6        | 11,0        | 11,3        | 12,0        | 12,6        | 13,5          | 14,3        |
| ROTOMAX 2    | 150 Light blue / Azzurro    | 6,4       | 7,1       | 7,9       | 8,5       | 9,0       | 9,6       | 10,1        | 10,6        | 11,0        | 11,5        | 12,0        | 12,3        | 12,8        | 13,3        | 14,1        | 15,1          | 15,9        |
| ROTOMAX 3    | 160 Black / Nero            | 7,5       | 8,4       | 9,3       | 10,0      | 10,6      | 11,3      | 11,9        | 12,5        | 13,0        | 13,5        | 14,0        | 14,4        | 15,0        | 15,8        | 16,8        | 17,9          | 18,8        |
| ROTOMAX 4    | 175 Neutral / Neutro        | 9,5       | 10,6      | 11,6      | 12,6      | 13,4      | 14,3      | 15,0        | 15,8        | 16,5        | 17,1        | 17,8        | 18,4        | 19,0        | 20,2        | 21,3        | -             | -           |

The delivery of nozzles must not exceed 95% of the pump delivery - Le débit des buses ne doit pas dépasser 95% du débit de la pompe - Die Förderleistung der Düsen darf nicht 95% der Förderleistung der Pumpe überschreiten - El caudal de las boquillas no debe sobrepasar 95% del caudal de la bomba - La portata degli ugelli non deve superare il 95% della portata della pompa

# Rotating nozzle

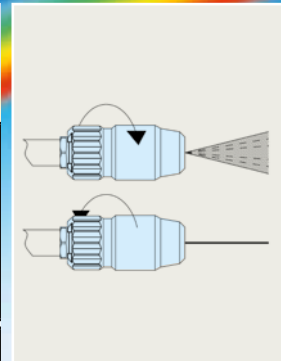
## BUSES ROTATIVES - ROTIERENDE DÜSEN BOQUILLAS ROTATIVAS - UGELLI ROTANTI



### ROMAX 275

Rotating nozzle with variable jet (prof.)  
Buse rotative à jet variable (prof.)  
Rotierende Düse mit Strahlverstellung (prof.)  
Boquilla rotativa de chorro variable (prof.)  
Ugello rotante a getto variabile (prof.)

| Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max. Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |
|-----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|
| bar MPa p.s.i.                                            | l/min GPM (U.S.A.)                                        | °C °F                                                                                          | kg                                         |                                                  |
| 275 27,5 4000                                             | 21 5,55                                                   | 85 185                                                                                         | 0,26                                       | G1/4 F                                           |



### NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLE TABLA DE BOQUILLAS - TABELLA UGELLI

■ = PRESS. bar (MPa)

■ = VOLUME L/min

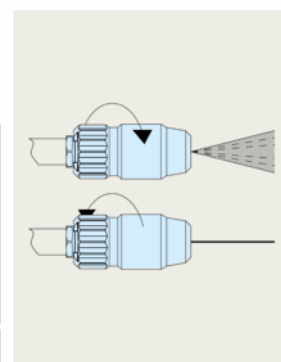
| TYPE<br>TIPO | COLOR CODE<br>COD. COLORE | NOZZLE SIZE<br>TIPO UGELLO | 40<br>(4) | 60<br>(6) | 80<br>(8) | 100<br>(10) | 110<br>(11) | 120<br>(12) | 130<br>(13) | 140<br>(14) | 150<br>(15) | 160<br>(16) | 180<br>(18) | 200<br>(20) | 225<br>(22,5) | 250<br>(25) | 275<br>(27,5) |
|--------------|---------------------------|----------------------------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|---------------|
| ROMAX 230    | Orange / Arancione        | 030                        | 4,3       | 5,3       | 6,1       | 6,8         | 7,2         | 7,5         | 7,8         | 8,1         | 8,4         | 8,6         | 9,2         | 9,7         | 10,3          | 10,8        | 11,3          |
| ROMAX 235    | Red / Rosso               | 035                        | 5,0       | 6,2       | 7,1       | 8,0         | 8,4         | 8,7         | 9,1         | 9,4         | 9,8         | 10,1        | 10,7        | 11,3        | 12,0          | 12,6        | 13,2          |
| ROMAX 245    | Light blue / Azzurro      | 045                        | 6,5       | 7,9       | 9,2       | 10,2        | 10,8        | 11,2        | 11,7        | 12,1        | 12,5        | 13,0        | 13,8        | 14,5        | 15,4          | 16,2        | 17,0          |
| ROMAX 250    | Black / Nero              | 050                        | 7,2       | 8,8       | 10,2      | 11,4        | 12,0        | 12,5        | 13,0        | 13,5        | 14,0        | 14,4        | 15,3        | 16,1        | 17,1          | 18,0        | 18,9          |
| ROMAX 265    | Neutral / Neutro          | 065                        | 9,4       | 11,5      | 13,3      | 14,8        | 15,5        | 16,2        | 16,9        | 17,5        | 18,1        | 18,7        | 19,9        | 21,0        | -             | -           | -             |



### ROMAX 400

Rotating nozzle with variable jet (prof.)  
Buse rotative à jet variable (prof.)  
Rotierende Düse mit Strahlverstellung (prof.)  
Boquilla rotativa de chorro variable (prof.)  
Ugello rotante a getto variabile (prof.)

| Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max. Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |
|-----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|
| bar MPa p.s.i.                                            | l/min GPM (U.S.A.)                                        | °C °F                                                                                          | kg                                         |                                                  |
| 400 40 5800                                               | 25 6,60                                                   | 80 176                                                                                         | 0,34                                       | G1/4 F                                           |



### NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLE TABLA DE BOQUILLAS - TABELLA UGELLI

■ = PRESS. bar (MPa)

■ = VOLUME L/min

| TYPE<br>TIPO | COLOR CODE<br>CODICE COLORE | NOZZLE SIZE<br>TIPO UGELLO | 100<br>(10) | 125<br>(12,5) | 150<br>(15) | 175<br>(17,5) | 200<br>(20) | 225<br>(22,5) | 250<br>(25) | 275<br>(27,5) | 300<br>(30) | 325<br>(32,5) | 350<br>(35) | 375<br>(37,5) | 400<br>(40) |
|--------------|-----------------------------|----------------------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|
| ROMAX 435    | Dark blue / Blu scuro       | 035                        | 8,0         | 8,9           | 9,8         | 10,6          | 11,3        | 12,0          | 12,6        | 13,2          | 13,8        | 14,4          | 14,9        | 15,5          | 16,0        |
| ROMAX 440    | Red / Rosso                 | 040                        | 9,1         | 10,2          | 11,2        | 12,1          | 12,9        | 13,7          | 14,4        | 15,1          | 15,8        | 16,4          | 17,1        | 17,7          | 18,2        |
| ROMAX 445    | Yellow / Giallo             | 045                        | 10,3        | 11,5          | 12,6        | 13,6          | 14,5        | 15,4          | 16,2        | 17,0          | 17,8        | 18,5          | 19,2        | 19,9          | 20,5        |
| ROMAX 450    | White / Bianco              | 050                        | 11,4        | 12,7          | 14,0        | 15,1          | 16,1        | 17,1          | 18,0        | 18,9          | 19,7        | 20,6          | 21,3        | 22,1          | 22,8        |
| ROMAX 455    | Black / Nero                | 055                        | 12,5        | 14,0          | 15,4        | 16,6          | 17,7        | 18,8          | 19,8        | 20,8          | 21,7        | 22,6          | 23,5        | 24,3          | 25,1        |
| ROMAX 460    | Purple / Viola              | 060                        | 13,7        | 15,3          | 16,8        | 18,1          | 19,3        | 20,5          | 21,6        | 22,7          | 23,7        | 24,7          | 25,6        | -             | -           |
| ROMAX 465    | Brown / Marrone             | 065                        | 14,8        | 16,6          | 18,2        | 19,6          | 21,0        | 22,2          | 23,4        | 24,6          | 25,7        | -             | -           | -             | -           |

The delivery of nozzles must not exceed 95% of the pump delivery - Le débit des buses ne doit pas dépasser 95% du débit de la pompe - Die Förderleistung der Düsen darf nicht 95% der Förderleistung der Pumpe überschreiten - El caudal de las boquillas no debe sobrepasar 95% del caudal de la bomba - La portata degli ugelli non deve superare il 95% della portata della pompa



# Rotating nozzle

## BUSES ROTATIVES - ROTIERENDE DÜSEN BOQUILLAS ROTATIVAS - UGELLI ROTANTI

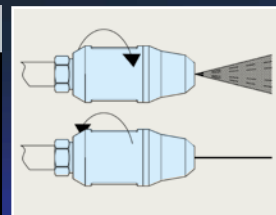
### STAINLESS STEEL



#### RMAX 600

| Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |
|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|
| bar MPa p.s.i.                                            | l/min GPM (U.S.A.)                                        | °C °F                                                                                         | kg                                         |                                                  |

|     |    |      |    |     |    |     |     |                 |
|-----|----|------|----|-----|----|-----|-----|-----------------|
| 600 | 60 | 8700 | 18 | 4.8 | 85 | 185 | 0,4 | G 1/4" - G 3/8" |
|-----|----|------|----|-----|----|-----|-----|-----------------|



#### NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLE - TABLA DE BOQUILLAS - TABELLA UGELLI

■ = PRESS. bar (MPa)

■ = VOLUME L/min

Stainless steel professional high pressure rotating nozzle  
Buse rotative professionnelle à haute pression en acier inox  
Professionnelle Hochdruck-Turbo-düse aus Edelstahl  
Boquilla rotativa profesional de alta presión en acero inoxidable  
Ugello rotante professionale ad alta pressione in acciaio inox

| TYPE<br>TIPO | NOZZLE SIZE<br>TIPO UGELLO | 100<br>(10) | 150<br>(15) | 200<br>(20) | 250<br>(25) | 300<br>(30) | 350<br>(35) | 400<br>(40) | 450<br>(45) | 500<br>(50) | 550<br>(55) | 600<br>(60) |
|--------------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| RMAX 600     | 024                        | 5,5         | 6,7         | 7,7         | 8,7         | 9,5         | 10,2        | 10,9        | 11,6        | 12,2        | 12,8        | 13,4        |
|              | 029                        | 6,6         | 8,1         | 9,4         | 10,5        | 11,5        | 12,4        | 13,2        | 14,0        | 14,8        | 15,5        | 16,2        |

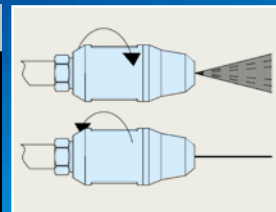
### STAINLESS STEEL



#### SILVER

| Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |
|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|
| bar MPa p.s.i.                                            | l/min GPM (U.S.A.)                                        | °C °F                                                                                         | kg                                         |                                                  |

|     |    |      |    |   |    |     |     |                 |
|-----|----|------|----|---|----|-----|-----|-----------------|
| 600 | 60 | 8700 | 30 | 8 | 85 | 185 | 0,4 | G 1/4" - G 3/8" |
|-----|----|------|----|---|----|-----|-----|-----------------|



#### NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLE - TABLA DE BOQUILLAS - TABELLA UGELLI

■ = PRESS. bar (MPa)

■ = VOLUME L/min

Stainless steel professional high pressure rotating nozzle  
Buse rotative professionnelle à haute pression en acier inox  
Professionnelle Hochdruck-Turbo-düse aus Edelstahl  
Boquilla rotativa profesional de alta presión en acero inoxidable  
Ugello rotante professionale ad alta pressione in acciaio inox

| TYPE<br>TIPO | NOZZLE SIZE<br>TIPO UGELLO | 100<br>(10) | 150<br>(15) | 200<br>(20) | 250<br>(25) | 300<br>(30) | 350<br>(35) | 400<br>(40) | 450<br>(45) | 500<br>(50) | 550<br>(55) | 600<br>(60) |
|--------------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| SILVER       | 030                        | 6,8         | 8,4         | 9,7         | 10,8        | 11,8        | 12,8        | 13,7        | 14,5        | 15,3        | 16,0        | 16,8        |
|              | 035                        | 8,0         | 9,8         | 11,3        | 12,6        | 13,8        | 14,9        | 16,0        | 16,9        | 17,8        | 18,7        | 19,5        |
|              | 045                        | 10,2        | 12,5        | 14,5        | 16,2        | 17,8        | 19,2        | 20,5        | 21,8        | 22,9        | 24,1        | 25,1        |
|              | 055                        | 12,5        | 15,4        | 17,7        | 19,8        | 21,7        | 23,5        | 25,1        | 26,6        | 28,0        | 29,4        | 30,7        |

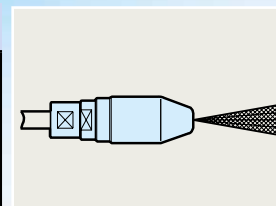
### STAINLESS STEEL



#### RMAX 750

| Max.pressure<br>Pression<br>Druck<br>Presión<br>Pressione | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.Temperature<br>Température Maxi<br>Max Temperatur<br>Temperatura Max.<br>Temperatura Max. | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |
|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|
| bar MPa p.s.i.                                            | l/min GPM (U.S.A.)                                        | °C °F                                                                                         | kg                                         |                                                  |

|     |    |       |    |      |    |     |      |                                       |
|-----|----|-------|----|------|----|-----|------|---------------------------------------|
| 750 | 75 | 10800 | 50 | 13.2 | 60 | 140 | 1,00 | G 1/2 (max 500 bar)<br>G 3/8 - RC 3/8 |
|-----|----|-------|----|------|----|-----|------|---------------------------------------|



#### NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLE - TABLA DE BOQUILLAS - TABELLA UGELLI

■ = PRESS. bar (MPa)

■ = VOLUME L/min

Stainless steel professional high pressure rotating nozzle  
Buse rotative professionnelle à haute pression en acier inox  
Professionnelle Hochdruck-Turbo-düse aus Edelstahl  
Boquilla rotativa profesional de alta presión en acero inoxidable  
Ugello rotante professionale ad alta pressione in acciaio inox

| TYPE<br>TIPO | NOZZLE SIZE<br>TIPO UGELLO | 100<br>(10) | 200<br>(20) | 250<br>(25) | 300<br>(30) | 350<br>(35) | 400<br>(40) | 450<br>(45) | 500<br>(50) | 550<br>(55) | 600<br>(60) | 650<br>(65) | 700<br>(70) | 750<br>(75) |
|--------------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| RMAX 750     | F                          | 5,4         | 7,6         | 8,5         | 9,4         | 10,1        | 10,8        | 11,5        | 12,1        | 12,7        | 13,2        | 13,8        | 14,3        | 14,8        |
|              | G                          | 6,5         | 9,2         | 10,3        | 11,3        | 12,2        | 13,0        | 13,8        | 14,5        | 15,2        | 15,9        | 16,6        | 17,2        | 17,8        |
|              | J                          | 10,7        | 15,1        | 16,9        | 18,5        | 20,0        | 21,4        | 22,7        | 23,9        | 25,1        | 26,2        | 27,3        | 28,3        | 29,3        |
|              | N                          | 14,3        | 20,2        | 22,6        | 24,8        | 26,8        | 28,6        | 30,3        | 32,0        | 33,5        | 35,0        | 36,5        | 37,8        | 39,2        |
|              | R                          | 18,4        | 26,0        | 29,1        | 31,9        | 34,4        | 36,8        | 39,0        | 41,1        | 43,2        | 45,1        | 46,9        | 48,7        | 50,4        |

The delivery of nozzles must not exceed 95% of the pump delivery - Le débit des buses ne doit pas dépasser 95% du débit de la pompe - Die Förderleistung der Düsen darf nicht 95% der Förderleistung der Pumpe überschreiten - El caudal de las boquillas no debe sobrepasar 95% del caudal de la bomba  
La portata degli ugelli non deve superare il 95% della portata della pompa

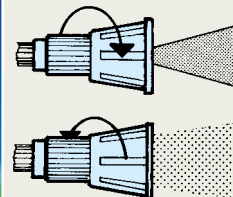
# Nozzles



## ADJUSTABLE NOZZLE HOLDER PORTE-BUSE RÉGLABLE VERSTELLBARER DÜSENHALTER PORTA-BOQUILLA REGULABLE UGELLO REGOLABILE

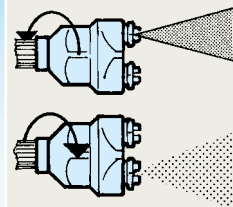
Nozzle holder with adjustable pressure  
Porte-buse à pression réglable  
Düsenhalter mit Druckverstellung  
Porta-boquilla de presión regulable  
Porta ugello a pressione regolabile

| Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max. | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max.Temperature<br>Température Maxi<br>Max.Temperatur<br>Temperatura Max.<br>Temperatura Max. | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| bar MPa p.s.i.                                                                | l/min G.P.M.(USA)                                         | °C °F                                                                                         | kg                                         |                                                  |                                                 |
| 250 25 3650                                                                   | 30 8                                                      | 160 320                                                                                       | 0,17                                       | G 1/4 F                                          | 1/4 NPT F                                       |



## DOUBLE NOZZLE HOLDER TÊTE DOUBLE BUSE DOPPELDÜSENHALTER PORTA-BOQUILLA DOBLE TESTINA DOPPIO UGELLO

| Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max. | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| bar MPa p.s.i.                                                                | l/min G.P.M.(USA)                                         | kg                                         |                                                  |                                                 |
| 200 20 3000                                                                   | 21 5.55                                                   | 0,20                                       | G 1/4 F                                          | G 1/4 F                                         |



## STAINLESS STEEL NOZZLES FOR STANDARD LANCES BUSES INOX POUR LANCES STANDARD EDELSTAHLDÜSEN FÜR STANDARDLANZEN BOQUILLAS INOX PARA LANZAS STANDARD UGELLI INOX PER LANCE STANDARD

For nozzle chart see on page 140.  
Pour la table des buses voir à page 140.  
Für Düsentabelle s. auf Seite 140.  
Para la tabla de boquillas ver a la página 140.  
Per tabella ugelli vedi pagina 140.

DRAINET

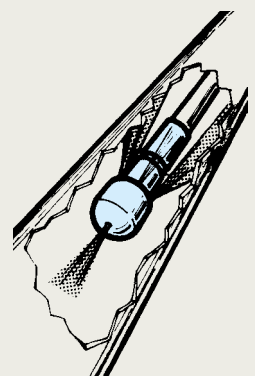


MICRODRAIN

## DRAINET MICRODRAIN

Drain cleaning nozzles  
Buses pour débouchage de canalisations  
Rohrreinigungsdüsen  
Boquillas para limpieza de tuberías  
Ugelli per pulizia tubazioni

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max.pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max. | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |
|------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------|
|                                                | bar MPa p.s.i.                                                                | l/min G.P.M.(USA)                                         |                                                  |
| DRAINET                                        | 200 20 3000                                                                   | 60 15.85                                                  | G 3/8 M                                          |
| MICRODRAIN 1                                   | 250 25 3500                                                                   | 19,5 5.14                                                 | G 1/8 F                                          |
| MICRODRAIN 2                                   | 200 20 3000                                                                   | 28 7.40                                                   | G 1/8 F                                          |



## NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLE - TABLA DE BOQUILLAS - TABELLA UGELLI

| TYPE<br>TIPO | 50<br>(5) | 60<br>(6) | 70<br>(7) | 80<br>(8) | 90<br>(9) | 100<br>(10) | 110<br>(11) | 120<br>(12) | 130<br>(13) | 140<br>(14) | 150<br>(15) | 160<br>(16) | 175<br>(17,5) | 200<br>(20) | 225<br>(22,5) | 250<br>(25) |
|--------------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|
| MICRODRAIN 1 | 8,6       | 9,4       | 10,2      | 10,9      | 11,5      | 12,2        | 12,7        | 13,3        | 13,8        | 14,4        | 14,9        | 15,3        | 16,2          | 17,2        | 18,3          | 19,3        |
| MICRODRAIN 2 | 13,8      | 15,1      | 16,3      | 17,4      | 18,5      | 19,5        | 20,5        | 21,4        | 22,2        | 23,0        | 23,9        | 24,7        | 25,8          | 27,6        | -             | -           |

= PRESS. bar (MPa)

= VOLUME L/min

# Miscellaneous accessories



| <b>ROBOKIM</b>                                 |                                                                                        | Automatic chemical injector<br>Injecteur détergent automatique<br>Automatischer Chemie-Injektor<br>Injector detergente automático<br>Iniettore automatico detergente |                                                  |                                                 |         |
|------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------|
| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min.<br>G.P.M. (U.S.A.) | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg                                                                                                                     | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita |         |
| <b>ROBOKIM 0</b>                               | 8 ÷ 11                                                                                 | 2.11 ÷ 2.90                                                                                                                                                          | 0,26                                             | G 3/8 M                                         | G 3/8 M |
| <b>ROBOKIM 1</b>                               | 12 ÷ 15                                                                                | 3.17 ÷ 4                                                                                                                                                             |                                                  |                                                 |         |
| <b>ROBOKIM 2</b>                               | 16 ÷ 21                                                                                | 4.22 ÷ 5.55                                                                                                                                                          |                                                  |                                                 |         |
| <b>ROBOKIM 3</b>                               | 25 ÷ 41                                                                                | 6.60 ÷ 10.86                                                                                                                                                         |                                                  |                                                 |         |



| <b>SIMPLEX 3</b>                                                               |                                                                                | Pressure switch<br>Pressostat<br>Druckschalter<br>Presostato<br>Pressostato                            |                                                                               | Normally open<br>Norm. ouvert<br>Norm. offen<br>Norm. abierto<br>Norm. aperto  |                                           | Normally closed<br>Norm. fermé<br>Norm. geschlossen<br>Norm. cerrado<br>Norm. chiuso |                                                  |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------|
| Max. pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max. | Min. pressure<br>Pression min.<br>Min. Druck<br>Presión min.<br>Pressione min. | Switching pressure<br>Pres. d'intervention<br>Schaltdruck<br>Pres. de actuación<br>Press. d'intervento | Protection g.<br>d. Protection<br>Schutzart<br>g. Protección<br>g. Protezione | Max. voltage<br>Tension max.<br>Max. Spannung<br>Tensión max.<br>Tensione Max. | Load<br>Charge<br>Last<br>Carga<br>Carico | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata                                     | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg |
| bar MPa p.s.i.                                                                 | bar MPa p.s.i.                                                                 | bar MPa p.s.i.                                                                                         |                                                                               | v.                                                                             | inductive AMP resistive AMP               |                                                                                      |                                                  |
| 200 20 3000                                                                    | 50 5 725                                                                       | 30 3 435                                                                                               | IP 55                                                                         | 250                                                                            | 1 5                                       | G 1/4 M                                                                              | 0,27                                             |



| <b>STOPMATIC</b>                                                               |                                                                                    | "Total stop" in low pressure - "Total stop" en basse pression<br>"Total stop" bei Niederdruck - "Total stop" en baja presión<br>"Total stop" in bassa pressione |                                                                               |                                                                                |                                           |                  |                                                  |
|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------|------------------|--------------------------------------------------|
| Max. pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max. | Max. flow rate<br>Débit max.<br>Max. Förderleistung<br>Caudal max.<br>Portata max. | Max. temp.<br>Temp. max.<br>Max. Temp.<br>Temp. max.<br>Temp. max.                                                                                              | Protection g.<br>d. Protection<br>Schutzart<br>g. Protección<br>g. Protezione | Max. voltage<br>Tension max.<br>Max. Spannung<br>Tensión max.<br>Tensione Max. | Load<br>Charge<br>Last<br>Carga<br>Carico | Inlet and outlet | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg |
| bar MPa p.s.i.                                                                 | l/min. G.P.M. (U.S.A.)                                                             | °C °F                                                                                                                                                           |                                                                               | v.                                                                             | inductive AMP resistive AMP               |                  |                                                  |
| 10 1 145                                                                       | 18 4.75                                                                            | 60 140                                                                                                                                                          | IP 55                                                                         | 250                                                                            | 1 5                                       | G 1/2 M          | 0,41                                             |



| SPEEDMATIC                                                                     |  |  |                                                                                 |  |  |                                                                                                 |     |                                               |          | Automatic r.p.m. regulator for petrol engines<br>Régulateur automatique de vitesse pour moteurs thermiques<br>Automatischer Drehzahlregler für Benzinmotoren<br>Regulador automático de acelerador para motores de explosión<br>Regolatore automatico acceleratore motore a scoppio |       |                                                  |                                            |  |
|--------------------------------------------------------------------------------|--|--|---------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------------------|-----|-----------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|--------------------------------------------|--|
| Max. pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max. |  |  | Min. pressure<br>Presssion min.<br>Min. Druck<br>Presión min.<br>Pressione min. |  |  | Max. temperature<br>Température max.<br>Max. Temperatur<br>Temperatura max.<br>Temperatura max. |     | Stroke<br>Course<br>Hub<br>Recorrido<br>Corsa |          | Cable Length<br>Longueur du cable<br>Kabellänge<br>Largo del cable<br>Lunghezza cavo                                                                                                                                                                                                |       | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso |  |
| bar MPa p.s.i.                                                                 |  |  | bar MPa p.s.i.                                                                  |  |  | °C                                                                                              | °F  | mm.                                           | in.      | mm.                                                                                                                                                                                                                                                                                 | in.   |                                                  | kg                                         |  |
| 200 20 3000                                                                    |  |  | 50 5 725                                                                        |  |  | 75                                                                                              | 167 | 0 ÷ 30                                        | 0 ÷ 1.18 | 1000                                                                                                                                                                                                                                                                                | 39.37 | G 3/8 M                                          | 0.43                                       |  |



| <b>QUICK COUPLINGS - RACCORDS RAPIDES<br/>SCHNELLKUPPLUNGEN<br/>ENCHUFES RAPIDOS - ATTACCHI RAPIDI</b> |                                                           |                                                                                                 |  | Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg             |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------|--|------------------------------------------------|--------------------------------------------------------------|
| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione                                                  | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata | Max. temperature<br>Température max.<br>Max. Temperatur<br>Temperatura max.<br>Temperatura max. |  |                                                |                                                              |
| bar MPa p.s.i.                                                                                         | l/min. G.P.M. (U.S.A.)                                    | °C °F                                                                                           |  |                                                |                                                              |
| 210 21 3000                                                                                            | 40 10.50                                                  | 140 284                                                                                         |  |                                                |                                                              |
|                                                                                                        |                                                           |                                                                                                 |  | <b>PART A</b>                                  | G 1/4 F<br>G 3/8 F<br>G 1/4 M<br>0,05                        |
|                                                                                                        |                                                           |                                                                                                 |  | <b>PART B</b>                                  | G 1/4 M<br>G 3/8 M<br>G 1/2 M<br>G 1/4 F<br>G 3/8 F<br>0,130 |



## THERMAL PROTECTOR PROTECTEUR THERMIQUE PUMPENTHERMOSCHUTZ PROTECTOR TÉRMICO PROTETTORE TERMICO

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Opening temperature<br>Température d'ouverture<br>Öffnungstemperatur<br>Temperatura de apertura<br>Temperatura di intervento<br>°C °F |     |
|------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----|
| ZPTP38                                         | G 3/8 M                                          | 63                                                                                                                                    | 145 |
| ZPTP12                                         | G 1/2 M                                          |                                                                                                                                       |     |



## VARIOPRESS

Pressure variator  
Variateur de pression  
Druckverstellung  
Variador de presión  
Variatore di pressione



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Max. pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min. G.P.M. (U.S.A.) | Max. Temperature<br>Température Maxi<br>Max. Temperatur<br>Temperatura Max.<br>Temperatura Max.<br>°C °F | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg |
|------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| VARIOPRESS                                     | 200 20 3000                                                                                      | 21 5.55                                                                             | 80 176                                                                                                   | 0,19                                             |



## SAND BLASTING HEAD TÊTE DE SABLAGE SANDSTRAHLKOPF CABEZAL ARENADOR TESTINA SABBIANTE

Internal nozzle and body in tungsten carbide  
Buse et corps intérieurs en carbure de tungstène  
Innendüse und Körper aus Tungstenkarbid  
Boquilla y cuerpo interno de carburo de tungsteno  
Ugello e corpo interno in carburo di tungsteno

| Max. pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br>l/min. G.P.M. (U.S.A.) | Max. Temperature<br>Température Maxi<br>Max. Temperatur<br>Temperatura Max.<br>Temperatura Max.<br>°C °F | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| 70-250 7-25 1015-3625                                                                            | 8-40 2.1-10.5                                                                       | 60 140                                                                                                   | 0,38                                             | G 1/4 F                                          |

## NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLE - TABLA DE BOQUILLAS - TABELLA UGELLI

| TYPE<br>TIPO | 70<br>(7) | 80<br>(8) | 100<br>(10) | 120<br>(12) | 140<br>(14) | 160<br>(16) | 180<br>(18) | 200<br>(20) | 220<br>(22) | 250<br>(25) |
|--------------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| TESAB0       | 7,9       | 8,4       | 9,4         | 10,3        | 11,2        | 11,9        | 12,6        | 13,3        | 14,0        | 14,9        |
| TESAB1       | 8,6       | 9,2       | 10,3        | 11,3        | 12,2        | 13,1        | 13,9        | 14,6        | 15,3        | 16,3        |
| TESAB2       | 10,8      | 11,5      | 12,9        | 14,2        | 15,3        | 16,3        | 17,3        | 18,3        | 19,2        | 20,4        |
| TESAB3       | 12,0      | 12,9      | 14,4        | 15,8        | 17,8        | 18,2        | 19,3        | 20,4        | 21,4        | 22,8        |
| TESAB4       | 14,7      | 15,7      | 17,6        | 19,3        | 20,8        | 22,3        | 23,6        | 24,9        | 26,1        | 27,8        |
| TESAB5       | 20,0      | 21,4      | 23,9        | 26,2        | 28,3        | 30,2        | 32,1        | 33,8        | 35,5        | 37,8        |

• The delivery of nozzles must not exceed 95% of the pump delivery. • Le débit des buses ne doit pas dépasser 95% du débit de la pompe. • Die Förderleistung der Düsen darf nicht 95% der Förderleistung der Pumpe überschreiten. • El caudal de las boquillas no debe sobrepasar 95% del caudal de la bomba. • La portata degli ugelli non deve superare il 95% della portata della pompa.



## SAND POKER FOR SANDBLASTING HEAD SONDE ASPIRATION SABLE POUR TÊTE DE SABLAGE SANDSAUGROHR FÜR SANDSTRAHLKOPF SONDA DE ASPIRACIÓN ARENA PARA CABEZAL DE ARENACIÓN SONDA ASPIRAZIONE SABBIA PER TESTINA SABBIANTE



## PRESSURE ACCUMULATOR - ACCUMULATEUR PRESSION DRUCKSPEICHER - ACUMULADOR DE PRESIÓN ACCUMULATORE DI PRESSIONE

| Max. pressure<br>Pression max.<br>Max. Druck<br>Presión max.<br>Pressione max.<br>bar MPa p.s.i. | Capacity<br>Capacité<br>Rauminhalt<br>Capacidad<br>Capacità<br>l/min. cu.inch (U.S.A.) | Pre-charge pressure<br>Pression de precharge<br>Vorspannungsdruck<br>Presión de precarga<br>Pressione di precarica<br>bar p.s.i. | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso<br>kg |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| 250 25 3600                                                                                      | 0,16 9.8                                                                               | 6 90                                                                                                                             | G1/2F                                            | 0,9                                              |

# Miscellaneous accessories

ZAFIL



## WATER FILTER - FILTRE A EAU - WASSERFILTER FILTRO DE AGUA - FILTRO ACQUA

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |              | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Filter Mesh<br>Maille de filtre<br>Filtermasche<br>Malla de filtro<br>Maglia di filtrazione | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso |
|-------------------------------------------------------|-----|--------|-----------------------------------------------------------|--------------|--------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------|
| bar                                                   | MPa | p.s.i. | l/min                                                     | G.P.M. (USA) |                                                  |                                                 |                                                                                             | kg                                         |

|    |   |     |    |      |         |         |        |      |
|----|---|-----|----|------|---------|---------|--------|------|
| 10 | 1 | 145 | 22 | 5.81 | G 1/2 F | G 1/2 M | 300 µm | 0,16 |
|----|---|-----|----|------|---------|---------|--------|------|

Max. Temperature 80 °C (140 °F)

NEW

ZAFILPLUS



**WATER FILTER with special anti corrosion treatment for application in the industrial sector.**

**FILTRE À EAU avec spécial traitement anticorrosion pour applications industrielles.**

**WASSERFILTER mit Sonderkorrosionsschutzbehandlung für industrielle Sektorsanwendung.**

**FILTRO DE AGUA con tratamiento especial anticorrosión para aplicaciones en la industria.**

**FILTRO ACQUA con speciale trattamento anticorrosione per applicazioni in industria.**

| Pressure<br>Pression<br>Druck<br>Presión<br>Pressione |     |        | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata |              | Inlet<br>Entrée<br>Eingang<br>Entrada<br>Entrata | Outlet<br>Sortie<br>Ausgang<br>Salida<br>Uscita | Filter Mesh<br>Maille de filtre<br>Filtermasche<br>Malla de filtro<br>Maglia di filtrazione | Weight<br>Poids<br>Gewicht<br>Peso<br>Peso |
|-------------------------------------------------------|-----|--------|-----------------------------------------------------------|--------------|--------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------|
| bar                                                   | MPa | p.s.i. | l/min                                                     | G.P.M. (USA) |                                                  |                                                 |                                                                                             | kg                                         |

|    |   |     |    |      |         |         |        |      |
|----|---|-----|----|------|---------|---------|--------|------|
| 10 | 1 | 145 | 22 | 5.81 | G 1/2 F | G 1/2 M | 300 µm | 0,16 |
|----|---|-----|----|------|---------|---------|--------|------|

Max. Temperature 80 °C (140 °F)

F1 F2



## CHEMICAL FILTER - FILTRE DETERGENT - CHEMIE-FILTER - FILTRO DETERGENTE - FILTRO DETERSIVO

|         |                                                                                                                                  |
|---------|----------------------------------------------------------------------------------------------------------------------------------|
| mod. F1 | WITHOUT CHECK VALVE - SANS CLAPET ANTI-RETOUR - OHNE RUCKSCHLAGVENTIL<br>SINVALVULA UNIDIRECIONAL - SENZA VALVOLA DI NON-RITORNO |
| mod. F2 | WITH CHECK VALVE - AVEC CLAPET ANTI-RETOUR - MIT RUCKSCHLAGVENTIL<br>CON VALVULA UNIDIRECIONAL - CON VALVOLA DI NON-RITORNO      |

## PRESSURE GAUGES - MANOMETRES - MANOMETER MANOMETROS - MANOMETRI

| Code<br>Código<br>Codice | Pressure - Pression<br>Druck - Presión<br>Pressione |        | Ø  | CONNECTION<br>ATTACCO |
|--------------------------|-----------------------------------------------------|--------|----|-----------------------|
|                          | bar                                                 | MPa    |    |                       |
| ZMAN300S                 | 0-300                                               | 0-30   | 40 | 1/8 BSPT <b>P</b>     |
| ZMAN160B                 | 0-160                                               | 0-16   | 63 | 1/4 BSPT <b>P</b>     |
| ZMAN250B                 | 0-250                                               | 0-25   | 63 | 1/4 BSPT <b>P</b>     |
| ZMAN315B                 | 0-315                                               | 0-31,5 | 63 | 1/4 BSPT <b>P</b>     |
| ZMAN400B                 | 0-400                                               | 0-40   | 63 | 1/4 BSPT <b>P</b>     |
| ZMAN600B                 | 0-600                                               | 0-60   | 63 | 1/4 BSPT <b>P</b>     |
| ZMAN060                  | 0-60                                                | 0-6    | 63 | 1/4 BSPT <b>R</b>     |
| ZMAN100                  | 0-100                                               | 0-10   | 63 | 1/4 BSPT <b>R</b>     |
| ZMAN160                  | 0-160                                               | 0-16   | 63 | 1/4 BSPT <b>R</b>     |
| ZMAN250                  | 0-250                                               | 0-25   | 63 | 1/4 BSPT <b>R</b>     |
| ZMAN315                  | 0-315                                               | 0-31,5 | 63 | 1/4 BSPT <b>R</b>     |
| ZMAN400                  | 0-400                                               | 0-40   | 63 | 1/4 BSPT <b>R</b>     |
| ZMAN600                  | 0-600                                               | 0-60   | 63 | 1/4 BSPT <b>R</b>     |



P

R

P

REAR CONNECTION  
RACCORD ARRIERE  
ANSCHLUß HINTEN  
CONEXION TRASERA  
ATTACCO POSTERIORE

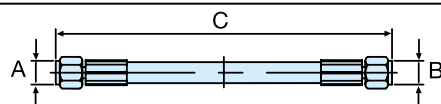
R

RADIAL CONNECTION  
RACCORD RADIAL  
ANSCHLUß UNTEN  
CONEXION RADIAL  
ATTACCO RADIALE

# High pressure hoses



**TUYAUX HAUTE PRESSION  
HOCHDRUCKSCHLÄUCHE  
MANGUERAS DE ALTA PRESION  
TUBI ALTA PRESSIONE**



| Code<br>Código<br>Codice                                    | Ø     | C<br>(mm) | Max. pressure / Pression / Druck<br>Presión / Pressione |      |      | A           | B         | Max. temp. / Temp. max.<br>Max. Temp. / Temp. max.<br>Temp. max. |     |
|-------------------------------------------------------------|-------|-----------|---------------------------------------------------------|------|------|-------------|-----------|------------------------------------------------------------------|-----|
|                                                             |       |           | bar                                                     | MPa  | psi  |             |           | °C                                                               | °F  |
| <b>ZTUBINA</b> std for T series                             | 1/4"  | 8000      | 150                                                     | 15   | 2200 | G1/4" F     | M22x1,5 F | 100                                                              | 212 |
| <b>ZTX3TUBO8</b> std for TX300 series                       | 1/4"  | 8000      | 180                                                     | 18   | 2600 | G3/8" F 90° | M22x1,5 F | 150                                                              | 302 |
| <b>ZIPTUBO08</b> std for IP series                          | 1/4"  | 8000      | 210                                                     | 21   | 3000 | G1/4" F     | M22x1,5 F | 100                                                              | 212 |
| <b>ZIPXTUBO8</b> std for IPX series                         | 1/4"  | 8000      | 210                                                     | 21   | 3000 | M22x1,5F    | M22x1,5 F | 100                                                              | 212 |
| <b>ZTX3TUBO12</b> special for TX300 series                  | 1/4"  | 12000     | 180                                                     | 18   | 2600 | G3/8" F 90° | M22x1,5 F | 150                                                              | 302 |
| <b>ZTX3TUBO15</b> special for TX300 series                  | 1/4"  | 15000     | 180                                                     | 18   | 2600 | G3/8" F 90° | M22x1,5 F | 150                                                              | 302 |
| <b>ZTUBINA16</b> special for T series                       | 1/4"  | 16000     | 150                                                     | 15   | 2200 | G1/4" F     | M22x1,5 F | 100                                                              | 212 |
| <b>ZTUBO08R1</b>                                            | 3/8"  | 8000      | 160                                                     | 16   | 2300 | G3/8" F     | G3/8" F   | 100                                                              | 212 |
| <b>ZTUBO10R1</b>                                            | 3/8"  | 10000     | 160                                                     | 16   | 2300 | G3/8" F     | G3/8" F   | 100                                                              | 212 |
| <b>ZTUBO10R2</b>                                            | 3/8"  | 10000     | 275                                                     | 27,5 | 4000 | G3/8" F     | G3/8" F   | 100                                                              | 212 |
| <b>ZTUBIN</b> std for Box Jet - Quiky series                | 5/16" | 8000      | 120                                                     | 12   | 1800 | G1/4" F     | M22x1,5 F | 60                                                               | 140 |
| <b>ZTXTUBO8</b> std for TX-TSX series                       | 5/16" | 8000      | 200                                                     | 20   | 2900 | M22x1,5F    | M22x1,5 F | 100                                                              | 212 |
| <b>ZTXTUBO12</b> special for TX-TSX series                  | 5/16" | 12000     | 200                                                     | 20   | 2900 | M22x1,5F    | M22x1,5 F | 100                                                              | 212 |
| <b>ZTX5TUBO15</b><br>std for TX500 series up to 200 bar     | 5/16" | 15000     | 200                                                     | 20   | 2900 | G3/8" F 90° | M22x1,5 F | 150                                                              | 302 |
| <b>ZTX5TUBO16</b> std for TX500 15-250                      | 5/16" | 15000     | 315                                                     | 31,5 | 4500 | G3/8" F 90° | M22x1,5 F | 150                                                              | 302 |
| <b>ZTUBIN16</b> special for Box Jet - Quiky series          | 5/16" | 16000     | 120                                                     | 12   | 1800 | G1/4" F     | M22x1,5 F | 60                                                               | 140 |
| <b>ZTX5TUBO20</b><br>special for TX500 series up to 180 bar | 5/16" | 20000     | 180                                                     | 18   | 2600 | G3/8" F 90° | M22x1,5 F | 150                                                              | 302 |

For pressure loss see chart on page 129 - Per perdite di pressione vedi tabella a pagina 129

## Service & Tools



**OIL CAN I L. - BIDON D'HUILE I L.  
ÖLDOSE I L. - LATA ACEITE I L.  
LATTINA OLIO I L.**



**TOOL CASE - MALLETTA A OUTILS  
WERKZEUGKOFFER - MALETIN HERRAMIENTAS  
VALIGIA ATTREZZI**



**PACKING EXTRACTION TOOLS  
OUTILS D'EXTRACTION GARNITURES  
DICHTUNGS-AUSZIEHWERKZEUGE  
HERRAMIENTAS DE EXTRACCIÓN  
EMPAQUETADURAS  
ATTREZZI PER ESTRAZIONE GUARNIZIONI**



**PACKING INSERTION TOOLS  
OUTILS INSERTION GARNITURES  
MANSCHETTENEINFÜHRUN-GSWERKZEUGE  
KIT DE MONTAJE JUNTAS  
KIT MONTAGGIO GUARNIZIONI**

For the individual maintenance tools search the pump model on our website [www.interpump.it](http://www.interpump.it) - Pour les outils individuels d'entretien cherchez le modèle de la pompe sur notre site [www.interpump.it](http://www.interpump.it) - Für die einzelnen Wartungswerkzeuge suchen Sie bitte das Pumpenmodell auf unserer homepage [www.interpump.it](http://www.interpump.it) - Para las herramientas de mantenimiento individuales buscar el modelo de la bomba en nuestra página web [www.interpump.it](http://www.interpump.it) - Per i singoli attrezzi di manutenzione cerca il modello della pompa sul sito [www.interpump.it](http://www.interpump.it)



# Flexible couplings

ACCOUPLLEMENTS ELASTIQUES  
ELASTISCHE KUPPLUNGEN  
ACOPLAMIENTOS ELASTICOS  
GIUNTI ELASTICI



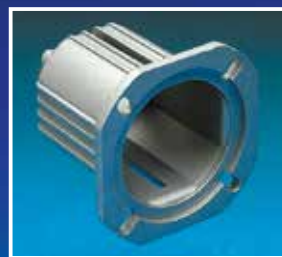
| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Pump Series - Série pompes - Pumpenserie - Serie de bombas - Serie Pompe |                                                    |           |                        |                        |            |                     |                     |
|------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------|-----------|------------------------|------------------------|------------|---------------------|---------------------|
|                                                | E1 - SS1<br>44 - 58VHT<br>E2 - C2W                                       | 47 - 47VHT<br>66 - 66VHT<br>66SS - E3<br>C3W - SS3 | 48        | 50                     | 51                     | 69 - 69VHT | 70<br>70VHT<br>70SS | 71<br>71VHT<br>71SS |
| ZG044                                          | △ IEC 100<br>△ IEC 112                                                   |                                                    |           |                        |                        |            |                     |                     |
| ZG66160                                        |                                                                          | △ IEC 160                                          |           |                        |                        |            |                     |                     |
| ZG070                                          | △ IEC 90                                                                 |                                                    |           | △ IEC 90               |                        |            |                     |                     |
| ZG071                                          | △ IEC 71                                                                 |                                                    |           | △ IEC 71               |                        |            |                     |                     |
| ZG080                                          | △ IEC 80                                                                 |                                                    |           | △ IEC 80               |                        |            |                     |                     |
| ZG07151                                        |                                                                          |                                                    |           |                        | △ IEC 71               |            |                     |                     |
| ZG08051                                        |                                                                          |                                                    |           |                        | △ IEC 80               |            |                     |                     |
| ZG091                                          |                                                                          |                                                    |           | △ IEC 100<br>△ IEC 112 |                        |            |                     |                     |
| ZG104                                          |                                                                          |                                                    |           |                        |                        | △ IEC 132  |                     |                     |
| ZG132                                          |                                                                          | △ IEC 132                                          |           |                        |                        |            |                     |                     |
| ZG151                                          |                                                                          | △ IEC 100<br>△ IEC 112                             |           |                        |                        |            |                     |                     |
| ZG203                                          |                                                                          |                                                    | △ IEC 160 |                        |                        |            |                     |                     |
| ZG70160                                        |                                                                          |                                                    |           |                        |                        |            | △ IEC 160           |                     |
| ZG70180                                        |                                                                          |                                                    |           |                        |                        |            | △ IEC 180           |                     |
| ZGWW75                                         |                                                                          |                                                    |           |                        | △ IEC 90               |            |                     |                     |
| ZGWW94                                         |                                                                          |                                                    |           |                        | △ IEC 100<br>△ IEC 112 |            |                     |                     |
| ZG56C                                          | △ NEMA 56                                                                | △ NEMA 56                                          |           | △ NEMA 56              |                        |            |                     |                     |
| ZG145TC                                        | △ NEMA145                                                                | △ NEMA145                                          |           | △ NEMA145              |                        |            |                     |                     |
| ZG184TC                                        | △ NEMA 184                                                               | △ NEMA 184                                         |           | △ NEMA 184             |                        |            |                     |                     |
| ZG213TC                                        | △ NEMA 213                                                               | △ NEMA 213                                         |           | △ NEMA 213             |                        |            |                     |                     |
| ZGONDA18                                       | ○ SAE J 609<br>EXT. 4                                                    |                                                    |           | ○ SAE J 609<br>EXT. 4  |                        |            |                     |                     |
| ZGH47SB                                        |                                                                          | □ SAE B                                            |           |                        |                        |            |                     |                     |
| ZGH70SB                                        |                                                                          |                                                    |           |                        |                        |            | □ SAE B             |                     |
| ZGH71SC                                        |                                                                          |                                                    |           |                        |                        |            |                     | □ SAE C             |

Legend - Légende - Legende - Leyenda - Legenda:

- ☐ HYDRAULIC MOTOR - MOTEUR HYDRAULIQUE - HYDRAULIKMOTOR - MOTOR HIDRAULICO- MOTORE IDRAULICO  
☐ ELECTRIC MOTOR - MOTEUR ELECTRIQUE - ELEKTROMOTOR - MOTOR ELECTRICO - MOTORE ELETTRICO  
☐ PETROL/DIESEL ENGINE - MOTEUR THERMIQUE - BENZIN/DIESELMOTOR - MOTOR TERMICO - MOTORE ENDOTERMICO

# Flanges

BRIDES  
FLANSCHEN  
BRIDAS  
FLANGE



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello | Pump Series - Série pompes - Pumpenserie - Serie de bombas - Serie Pompe |                                                    |                                |                                |                     |                     |
|------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------|--------------------------------|--------------------------------|---------------------|---------------------|
|                                                | E1 - SS1<br>44 - 58VHT<br>E2 - C2W                                       | 47 - 47VHT<br>66 - 66VHT<br>66SS - E3<br>C3W - SS3 | 50                             | 51                             | 70<br>70VHT<br>70SS | 71<br>71VHT<br>71SS |
| ZF044                                          | △ IEC 100 B14<br>△ IEC 112 B14                                           |                                                    |                                |                                |                     |                     |
| ZF070                                          | △ IEC 90 B14                                                             |                                                    | △ IEC 90 B14                   | △ IEC 90 B14                   |                     |                     |
| ZF071                                          | △ IEC 71 B14                                                             |                                                    | △ IEC 71 B14                   | △ IEC 71 B14                   |                     |                     |
| ZF080                                          | △ IEC 80 B14                                                             |                                                    | △ IEC 80 B14                   | △ IEC 80 B14                   |                     |                     |
| ZF091                                          |                                                                          |                                                    | △ IEC 100 B14<br>△ IEC 112 B14 | △ IEC 100 B14<br>△ IEC 112 B14 |                     |                     |
| ZF132                                          |                                                                          | △ IEC 132 B14                                      |                                |                                |                     |                     |
| ZF151                                          |                                                                          | △ IEC 100 B14<br>△ IEC 112 B14                     |                                |                                |                     |                     |
| ZF56145                                        | △ NEMA 56<br>△ NEMA 145                                                  |                                                    | △ NEMA 56<br>△ NEMA 145        |                                |                     |                     |
| ZFONDA18                                       | ○ SAE J 609<br>A - B                                                     |                                                    | ○ SAE J 609<br>A - B           |                                |                     |                     |
| ZFH47SB                                        |                                                                          | □ SAE B                                            |                                |                                |                     |                     |
| ZFH70SB                                        |                                                                          |                                                    |                                |                                | □ SAE B             |                     |
| ZFH71SC                                        |                                                                          |                                                    |                                |                                |                     | □ SAE C             |

Legend - Légende - Legende - Leyenda - Legenda:

□ HYDRAULIC MOTOR - MOTEUR HYDRAULIQUE - HYDRAULIKMOTOR - MOTOR HIDRAULICO - MOTORE IDRAULICO

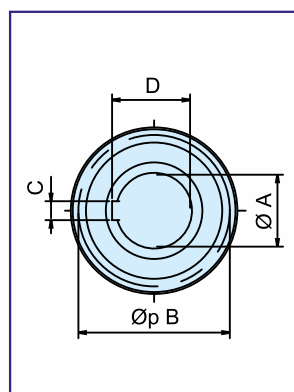
△ ELECTRIC MOTOR - MOTEUR ELECTRIQUE - ELEKTROMOTOR - MOTOR ELECTRICO - MOTORE ELETTRICO

○ PETROL/DIESEL ENGINE - MOTEUR THERMIQUE - BENZIN/DIESELMOTOR - MOTOR TERMICO - MOTORE ENDOTERMICO



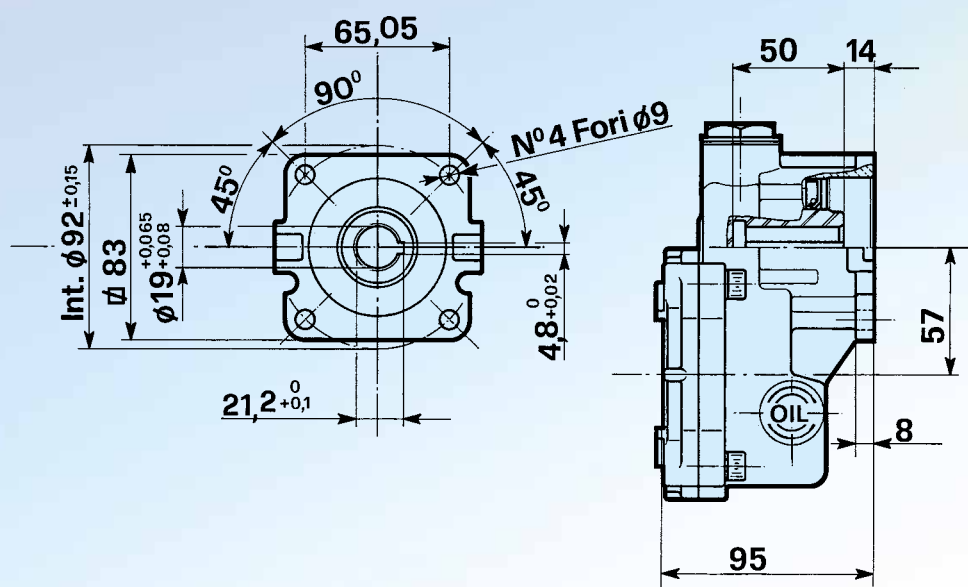
## PULLEYS - POULIES - KEILRIEMENSCHLEIBEN POLEAS - PULEGGE

| Code<br>Código<br>Codice | Grooves<br>Gorges<br>Rillen<br>Canales<br>Gole | A - F7 | B   | C - D10 | D    |
|--------------------------|------------------------------------------------|--------|-----|---------|------|
| Z100X2A24                | 2A                                             | 24     | 100 | 8       | 27,2 |
| Z140X2A24                | 2A                                             | 24     | 140 | 8       | 27,2 |
| Z160X2A24                | 2A                                             | 24     | 160 | 8       | 27,2 |
| Z090X2A28                | 2A                                             | 28     | 90  | 8       | 31,2 |
| Z100X2A28                | 2A                                             | 28     | 100 | 8       | 31,2 |
| Z140X2A28                | 2A                                             | 28     | 140 | 8       | 31,2 |



GEARBOX FOR PETROL OR DIESEL ENGINES - REDUCTEUR POUR MOTEURS THERMIQUES  
 UNTERSETZUNGSGETRIEBE FÜR BENZIN ODER DIESELMOTOREN  
 REDUCTORA PARA MOTORES ENDOTERMICOS - RIDUTTORE PER MOTORI ENDOTERMICI

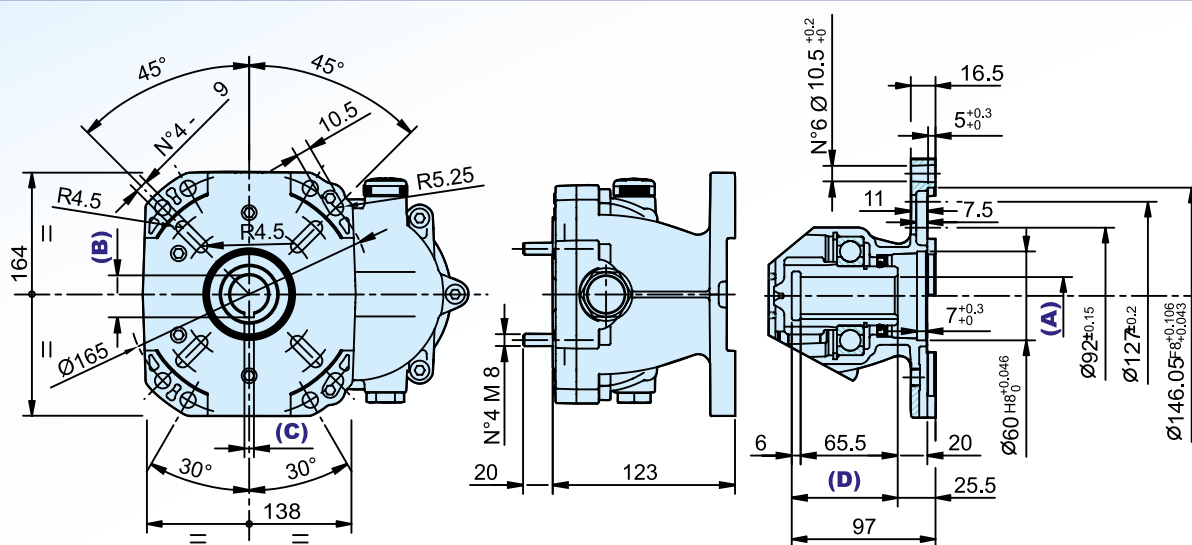
## RS99



| Pump Series<br>Série pompes<br>Pumpenserie<br>Serie de bombas<br>Serie Pompe | Motor flange<br>Bride pour moteur<br>Motorenflansch<br>Brida para motor<br>Flangia per motore | Engine speed<br>Vitesse du moteur<br>Drehzahl Motor<br>R.p.m. motor<br>Giri motore rpm | Pump r.p.m.<br>Tr./min. pompe<br>U.p.M. Pumpe<br>R.p.m. Bomba<br>Giri pompa rpm | Reduction ratio<br>Rapport de réduction<br>Untersetzungsverhältnis<br>Razón de reducción<br>Rapp. riduzione | Max. power<br>Puissance maxi.<br>Max. Leistung<br>Potencia máx.<br>Potenza max. |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 44 - 50 - 63 - 63VHT<br>E1 - SS1 - E2<br>C2W - MF1                           | SAE J 609 - FI.A<br>$\phi 19,05$                                                              | 3450                                                                                   | 1450                                                                            | 1:2,4                                                                                                       | 3,7 kW - 5 HP                                                                   |

## GEARBOX FOR PETROL OR DIESEL ENGINES - REDUCTEUR POUR MOTEURS THERMIQUES UNTERSETZUNGSGETRIEBE FÜR BENZIN ODER DIESELMOTOREN REDUCTORA PARA MOTORES ENDOTERMICOS - RIDUTTORE PER MOTORI ENDOTERMICI

### RS500



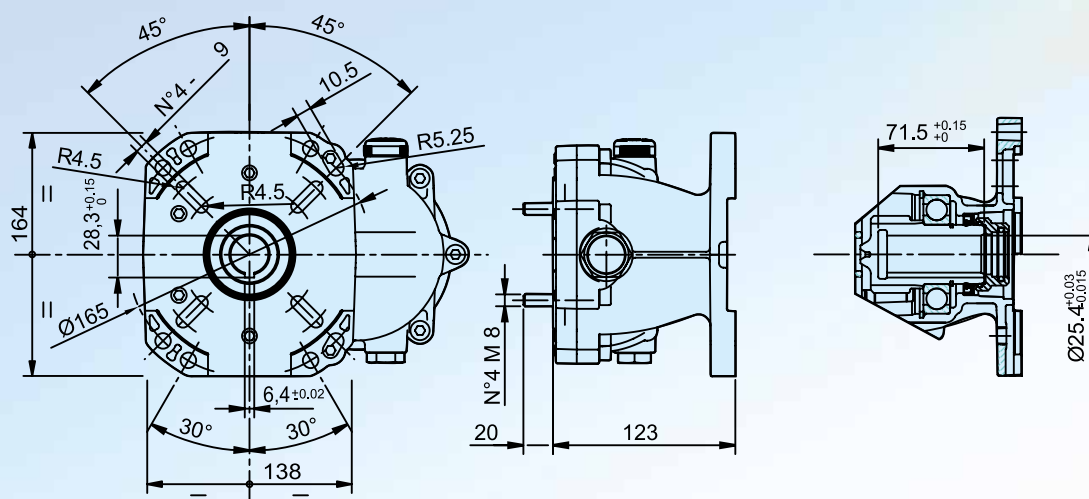
| CODE-CODICE    | (A)               | (B)          | (C)                 | (D)          |
|----------------|-------------------|--------------|---------------------|--------------|
| ZONDA 5        | 25.4 +0.03/+0.015 | 28.3 +0.15/0 | 6.4 +/-0.02         | 71.5 +0.15/0 |
| ZONDA 5 - 25   | 25 H7 +0.21/0     | 28.2 +0.1/0  | 7 D10 +0.098/+0.040 | 71.5 +0.15/0 |
| ZONDA 5 - 1/8" | 28.6 +0.02/0      | 31.5 0/-0.1  | 6.4 +/-0.02         | 72.5 +0.15/0 |

DIM:mm

| Pump Series<br>Série pompes<br>Pumpenserie<br>Serie de bombas<br>Serie Pompe | Motor flange<br>Bride pour moteur<br>Motorenflansch<br>Brida para motor<br>Flangia per motore | Engine speed<br>Vitesse du moteur<br>Drehzahl Motor<br>R.p.m. motor<br>Giri motore rpm | Pump r.p.m.<br>Tr./min. pompe<br>U.p.M. Pumpe<br>R.p.m. Bomba<br>Giri pompa rpm | Reduction ratio<br>Rapport de réduction<br>Untersetzungsverhältnis<br>Razón de reducción<br>Rapp. riduzione | Max. power<br>Puissance maxi.<br>Max. Leistung<br>Potencia máx.<br>Potenza max. |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| E3 - C3W - SS3<br>47 - 47VHT<br>66 - 66VHT - 66SS<br>MF2                     | SAE J 609 - FI.A - B<br>Ø 25 - 25,4 - 28,6                                                    | 3100                                                                                   | 1425                                                                            | 1:2,2                                                                                                       | 18,5 kW - 25 HP                                                                 |

GEARBOX FOR HONDA PETROL OR DIESEL ENGINES - REDUCTEUR POUR HONDA MOTEURS THERMIQUES  
 UNTERSETZUNGSGETRIEBE FÜR HONDA BENZIN ODER DIESELMOTOREN  
 REDUCTORA PARA MOTORES HONDA ENDOTERMICOS - RIDUTTORE PER MOTORI HONDA ENDOTERMICI

## RS500H



DIM:mm

| Pump Series<br>Série pompes<br>Pumpenserie<br>Serie de bombas<br>Serie Pompe | Engine type<br>Type de moteur<br>Motorentyp<br>Tipo de motor<br>Tipo motore | Engine speed<br>Vitesse du moteur<br>Drehzahl Motor<br>R.p.m. motor<br>Giri motore rpm | Pump r.p.m.<br>Tr./min. pompe<br>U.p.M. Pumpe<br>R.p.m. Bomba<br>Giri pompa rpm | Reduction ratio<br>Rapport de réduction<br>Untersetzungsverhältnis<br>Razón de reducción<br>Rapp. riduzione | Max. power<br>Puissance maxi.<br>Max. Leistung<br>Potencia máx.<br>Potenza max. |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| E3 - C3W - SS3<br>47 - 47 VHT<br>66 - 66VHT - 66SS<br>MF2                    | HONDA<br>GX240 - GX270<br>GX340 - GX390                                     | 3100                                                                                   | 1425                                                                            | 1:2,2                                                                                                       | 18,5 kW - 25 HP                                                                 |



# CLEANERS



INTERPUMP GROUP



# Accessories

High pressure cleaners  
Nettoyeurs  
Hochdruckreiniger  
Hidrolimpiadoras  
Idropulitrici

|                                                 | <b>pag.</b> |
|-------------------------------------------------|-------------|
| <b>Portable high pressure cleaners:</b>         |             |
| BLUE TIME                                       | 114         |
| CLEAN MATIC                                     | 114         |
| GREEN JET                                       | 114         |
| <br><b>Portable professional H.P. cleaners:</b> |             |
| BIG BANG                                        | 115         |
| BOX JET                                         | 115         |
| QUIKY                                           | 115         |
| <br><b>Professional H.P. cleaners:</b>          |             |
| T                                               | 116         |
| TX                                              | 116         |
| TSX                                             | 117         |

# Portable cleaners

PORTABLE HIGH PRESSURE CLEANERS  
NETTOYEURS PORTABLES  
TRAGBARE HOCHDRUCKREINIGER  
HIDROLIMPIADORAS PORTATILES  
IDROPULTRICI PORTATILI



**Blue Time**



**CleanMatic**



**GREEN JET**

| Model<br>Modèle<br>Modell<br>Modelo<br>Modello                                                          |       | PUMP DATA - DONNÉES POMPE<br>PUMPENDATEN - DATOS BOMBA - DATI POMPA |                                                         |                    |             |                                        |                |     |      |                                                  | MOTOR DATA - DONNÉES MOTEUR<br>MOTORENDATEN - DATOS MOTOR - DATI MOTORE                          |                                                                    |     |     |        |
|---------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------|---------------------------------------------------------|--------------------|-------------|----------------------------------------|----------------|-----|------|--------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----|-----|--------|
|                                                                                                         |       | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata           | Max. Pressure - Pression<br>Druck - Presion - Pressione |                    |             |                                        |                |     |      | r.p.m.<br>tr./min.<br>u.p.m.<br>r/min.<br>g/min. | input power<br>puissance absorbée<br>aufnahmeleistung<br>potencia absorbida<br>potenza assorbita | singlephase<br>monophase<br>wechselstrom<br>monofásico<br>monofase |     |     |        |
|                                                                                                         |       |                                                                     | with/avec - mit/con<br>ROTATING NOZZLE                  |                    |             | with/avec - mit/con<br>STANDARD NOZZLE |                |     |      |                                                  |                                                                                                  | V.                                                                 | A.  | Hz. |        |
|                                                                                                         |       |                                                                     | l/min.                                                  | G.P.M.<br>(U.S.A.) | E.W.<br>bar | E.W.<br>MPa                            | E.W.<br>p.s.i. | bar | MPa  |                                                  |                                                                                                  |                                                                    |     |     | p.s.i. |
| CLEANMATIC<br><br>WITH TROLLEY<br>AVEC CHARIOT<br>MIT FAHRWAGEN<br>CON CARRETILLA<br>CON CARRELLO       | CL10K | 7                                                                   | 1.85                                                    | 150                | 15          | 2150                                   | 80             | 8   | 1160 | 3400                                             | 1,60                                                                                             | 100                                                                | 15  | 60  |        |
|                                                                                                         | CL11K | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 3400                                             | 1,75                                                                                             | 120                                                                | 15  | 60  |        |
|                                                                                                         | CL22K | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,75                                                                                             | 230                                                                | 7,5 | 50  |        |
|                                                                                                         | CL24K | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,75                                                                                             | 240                                                                | 7,5 | 50  |        |
|                                                                                                         | CL26K | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 3400                                             | 1,75                                                                                             | 208/230                                                            | 7,5 | 60  |        |
| CLEANMATIC<br><br>WITHOUT TROLLEY<br>SANS CHARIOT<br>OHNE FAHRWAGEN<br>SIN CARRETILLA<br>SENZA CARRELLO | CL10  | 7                                                                   | 1.85                                                    | 150                | 15          | 2150                                   | 80             | 8   | 1160 | 3400                                             | 1,60                                                                                             | 100                                                                | 15  | 60  |        |
|                                                                                                         | CL11  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 3400                                             | 1,75                                                                                             | 120                                                                | 15  | 60  |        |
|                                                                                                         | CL22  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,75                                                                                             | 230                                                                | 7,5 | 50  |        |
|                                                                                                         | CL24  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,75                                                                                             | 240                                                                | 7,5 | 50  |        |
|                                                                                                         | CL26  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 3400                                             | 1,75                                                                                             | 208/230                                                            | 7,5 | 60  |        |
| GREEN JET<br><br>WITH TROLLEY<br>AVEC CHARIOT<br>MIT FAHRWAGEN<br>CON CARRETILLA<br>CON CARRELLO        | GX10K | 7                                                                   | 1.85                                                    | 150                | 15          | 2150                                   | 80             | 8   | 1160 | 3400                                             | 1,60                                                                                             | 100                                                                | 15  | 60  |        |
|                                                                                                         | GX11K | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 3400                                             | 1,75                                                                                             | 120                                                                | 15  | 60  |        |
|                                                                                                         | GX22K | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,75                                                                                             | 230                                                                | 7,5 | 50  |        |
|                                                                                                         | GX24K | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,75                                                                                             | 240                                                                | 7,5 | 50  |        |
|                                                                                                         | GX26K | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 3400                                             | 1,75                                                                                             | 208/230                                                            | 7,5 | 60  |        |
| GREEN JET<br><br>WITHOUT TROLLEY<br>SANS CHARIOT<br>OHNE FAHRWAGEN<br>SIN CARRETILLA<br>SENZA CARRELLO  | GX10  | 7                                                                   | 1.85                                                    | 150                | 15          | 2150                                   | 80             | 8   | 1160 | 3400                                             | 1,60                                                                                             | 100                                                                | 15  | 60  |        |
|                                                                                                         | GX11  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 3400                                             | 1,75                                                                                             | 120                                                                | 15  | 60  |        |
|                                                                                                         | GX22  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,75                                                                                             | 230                                                                | 7,5 | 50  |        |
|                                                                                                         | GX24  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,75                                                                                             | 240                                                                | 7,5 | 50  |        |
|                                                                                                         | GX26  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 3400                                             | 1,75                                                                                             | 208/230                                                            | 7,5 | 60  |        |
| BLUE TIME<br><br>WITH TROLLEY<br>AVEC CHARIOT<br>MIT FAHRWAGEN<br>CON CARRETILLA<br>CON CARRELLO        | BT10  | 7                                                                   | 1.85                                                    | 150                | 15          | 2150                                   | 80             | 8   | 1160 | 3400                                             | 1,60                                                                                             | 100                                                                | 15  | 60  |        |
|                                                                                                         | BT11  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 3400                                             | 1,75                                                                                             | 120                                                                | 15  | 60  |        |
|                                                                                                         | BT22  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,75                                                                                             | 230                                                                | 7,5 | 50  |        |
|                                                                                                         | BT24  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,75                                                                                             | 240                                                                | 7,5 | 50  |        |
|                                                                                                         | BT26  | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 3400                                             | 1,75                                                                                             | 208/230                                                            | 7,5 | 60  |        |

E.W. bar/MPa/p.s.i. = EQUIVALENT WASHING impact in bar/MPa/p.s.i.

# Portable professional cleaners

PORTABLE PROFESSIONAL HIGH PRESSURE CLEANERS  
NETTOYEURS PROFESSIONNELS PORTABLES  
TRAGBARE PROFESSIONELLE HOCHDRUCKREINIGER  
HIDROLIMPIADORAS PROFESIONALES PORTATILES  
IDROPULTRICI PROFESSIONALI PORTATILI



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello |          | PUMP DATA - DONNÉES POMPE<br>PUMPENDATEN - DATOS BOMBA - DATI POMPA |                                                         |                    |             |                                        |                |     |      |                                                  | MOTOR DATA - DONNÉES MOTEUR<br>MOTORENDATEN - DATOS MOTOR - DATI MOTORE                          |                                                                    |          |     |        |
|------------------------------------------------|----------|---------------------------------------------------------------------|---------------------------------------------------------|--------------------|-------------|----------------------------------------|----------------|-----|------|--------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------|-----|--------|
|                                                |          | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata           | Max. Pressure - Pression<br>Druck - Presion - Pressione |                    |             |                                        |                |     |      | r.p.m.<br>tr./min.<br>u.p.m.<br>r/min.<br>g/min. | input power<br>puissance absorbée<br>aufnahmeleistung<br>potencia absorbida<br>potenza assorbita | singlephase<br>monophase<br>wechselstrom<br>monofásico<br>monofase |          |     |        |
|                                                |          |                                                                     | with/avec - mit/con<br>ROTATING NOZZLE                  |                    |             | with/avec - mit/con<br>STANDARD NOZZLE |                |     |      |                                                  |                                                                                                  | V.                                                                 | A.       | Hz. |        |
|                                                |          |                                                                     | l/min.                                                  | G.P.M.<br>(U.S.A.) | E.W.<br>bar | E.W.<br>MPa                            | E.W.<br>p.s.i. | bar | MPa  |                                                  |                                                                                                  |                                                                    |          |     | p.s.i. |
| BIG BANG                                       | F122     | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,58                                                                                             | 230                                                                | 7,6      | 50  |        |
|                                                | F124     | 7                                                                   | 1.85                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,58                                                                                             | 240                                                                | 7        | 50  |        |
|                                                | X161     | 8                                                                   | 2.11                                                    | 135                | 13,5        | 1900                                   | 65             | 6,5 | 940  | 1700                                             | 1,40                                                                                             | 100                                                                | 15       | 60  |        |
|                                                | X230     | 8                                                                   | 2.11                                                    | 145                | 14,5        | 2000                                   | 70             | 7   | 1000 | 1700                                             | 1,68                                                                                             | 230                                                                | 7,8      | 60  |        |
|                                                | X117 S   | 8                                                                   | 2.11                                                    | 145                | 14,5        | 2000                                   | 70             | 7   | 1000 | 1700                                             | 1,53                                                                                             | 115                                                                | 12       | 60  |        |
|                                                | X220 S   | 8                                                                   | 2.11                                                    | 145                | 14,5        | 2000                                   | 70             | 7   | 1000 | 2800                                             | 1,58                                                                                             | 230                                                                | 7,6      | 50  |        |
|                                                | X240 S   | 8                                                                   | 2.11                                                    | 145                | 14,5        | 2000                                   | 70             | 7   | 1000 | 2800                                             | 1,58                                                                                             | 240                                                                | 7        | 50  |        |
| BOX JET                                        | 8/70     | 8                                                                   | 2.11                                                    | 145                | 14,5        | 2000                                   | 70             | 7   | 1000 | 2800                                             | 1,68/1,64                                                                                        | 230-1/240-1                                                        | 8,2/8    | 50  |        |
|                                                | 11/50    | 11                                                                  | 2.9                                                     | 100                | 10          | 1500                                   | 50             | 5   | 725  | 2800                                             | 1,68/1,64                                                                                        | 230-1/240-1                                                        | 8,2/8    | 50  |        |
|                                                | 8/90     | 8                                                                   | 2.11                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 1,86                                                                                             | 230-1/240-1                                                        | 8,6/8,4  | 50  |        |
|                                                | TURBO 15 | 8                                                                   | 2.11                                                    | 120                | 12          | 1750                                   | 55             | 5,5 | 800  | 2800                                             | 1,36                                                                                             | 100                                                                | 15       | 50  |        |
|                                                | TURBO19  | 8                                                                   | 2.11                                                    | 130                | 13          | 1850                                   | 60             | 6   | 870  | 1700                                             | 1,40                                                                                             | 100                                                                | 15       | 60  |        |
|                                                | TURBO 21 | 8                                                                   | 2.11                                                    | 145                | 14,5        | 2000                                   | 70             | 7   | 1000 | 1700                                             | 1,58                                                                                             | 115                                                                | 15       | 60  |        |
| QUIKY                                          | 11/70    | 11                                                                  | 2.9                                                     | 145                | 14,5        | 2000                                   | 70             | 7   | 1000 | 2800                                             | 2,20                                                                                             | 230-1/240-1                                                        | 10,5/9,5 | 50  |        |
|                                                | 8/90     | 8                                                                   | 2.11                                                    | 160                | 16          | 2300                                   | 90             | 9   | 1300 | 2800                                             | 2,20                                                                                             | 230-1/240-1                                                        | 10,5/9,5 | 50  |        |
|                                                | 10/100   | 10                                                                  | 2.64                                                    | 170                | 17          | 2450                                   | 100            | 10  | 1450 | 2800                                             | 2,65                                                                                             | 230-1/240-1                                                        | 12/11,5  | 50  |        |

E.W. bar/MPa/p.s.i. = EQUIVALENT WASHING impact in bar/MPa/p.s.i.



# Professional cleaners

PROFESSIONAL HIGH PRESSURE CLEANERS  
NETTOYEURS PROFESSIONNELS  
PROFESSIONELLE HOCHDRUCKREINIGER  
HIDROLIMPIADORAS PROFESIONALES  
IDROPULTRICI PROFESSIONALI

WITHOUT TOTAL STOP  
SANS STOP TOTAL  
OHNE TOTAL STOP  
SIN STOP TOTAL  
SENZA TOTAL STOP



Optional:  
HOSE REEL  
ENROULEUR DE TUYAU  
SCHLAUCHTROMMEL  
ENROLLADOR DE MANGUERA  
AVVOLGITUBO



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello |          | PUMP DATA - DONNÉES POMPE<br>PUMPENDATEN - DATOS BOMBA - DATI POMPA                             |      |                                                         |      |      |                                      |      |      | MOTOR DATA - DONNÉES MOTEUR<br>MOTORENDATEN - DATOS MOTOR - DATI MOTORE |                                                                                                            |                                                                    |           |     |                                                             |          |     |
|------------------------------------------------|----------|-------------------------------------------------------------------------------------------------|------|---------------------------------------------------------|------|------|--------------------------------------|------|------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------|-----|-------------------------------------------------------------|----------|-----|
|                                                |          | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br><br>l/min.      G.P.M.<br>(U.S.A.) |      | Max. Pressure - Pression<br>Druck - Presion - Pressione |      |      |                                      |      |      | r.p.m.<br>tr./min.<br>u.p.m.<br>r/min.<br>g/min.                        | input power<br>puissance absorbée<br>aufnahmeleistung<br>potencia absorbida<br>potenza assorbita<br><br>kW | singlephase<br>monophase<br>wechselstrom<br>monofásico<br>monofase |           |     | threephase<br>triphase<br>drehstrom<br>trifásico<br>trifase |          |     |
|                                                |          |                                                                                                 |      | with/avec/mit/con<br>ROTATING NOZZLE                    |      |      | with/avec/mit/con<br>STANDARD NOZZLE |      |      |                                                                         |                                                                                                            | V.                                                                 | A.        | Hz. | V.                                                          | A.       | Hz. |
|                                                |          |                                                                                                 |      |                                                         |      |      |                                      |      |      |                                                                         |                                                                                                            |                                                                    |           |     |                                                             |          |     |
| T SERIES                                       | T8•90    | 8                                                                                               | 2.11 | 160                                                     | 16   | 2300 | 90                                   | 9    | 1300 | 2800                                                                    | 2,20                                                                                                       | 230-1/240-1                                                        | 10,5/9,5  | 50  | -                                                           | -        | -   |
|                                                | T10•100  | 10                                                                                              | 2.64 | 170                                                     | 17   | 2450 | 100                                  | 10   | 1450 | 2800                                                                    | 2,65                                                                                                       | 230-1/240-1                                                        | 12/11,5   | 50  | -                                                           | -        | -   |
|                                                | T11•120  | 11                                                                                              | 2.9  | 210                                                     | 21   | 2950 | 120                                  | 12   | 1740 | 2800                                                                    | 2,90                                                                                                       | -                                                                  | -         | -   | 230-3/400-3                                                 | 8,9/5,2  | 50  |
| TX SERIES                                      | TX10•130 | 9,5                                                                                             | 2.5  | 230                                                     | 23   | 3200 | 130                                  | 13   | 1885 | 1400                                                                    | 3,20                                                                                                       | 230-1/240-1                                                        | 14,7/13,6 | 50  | -                                                           | -        | -   |
|                                                | TX12•100 | 12                                                                                              | 3.17 | 170                                                     | 17   | 2450 | 100                                  | 10   | 1450 | 1400                                                                    | 3,20                                                                                                       | 230-1/240-1                                                        | 14,7/13,6 | 50  | -                                                           | -        | -   |
|                                                | TX12•140 | 12                                                                                              | 3.17 | 245                                                     | 24,5 | 3450 | 140                                  | 14   | 2030 | 1400                                                                    | 3,80                                                                                                       | -                                                                  | -         | -   | 230-3/400-3                                                 | 12,5/7,2 | 50  |
|                                                | TX14•120 | 14                                                                                              | 3.69 | 210                                                     | 21   | 2950 | 120                                  | 12   | 1740 | 1400                                                                    | 3,80                                                                                                       | -                                                                  | -         | -   | 230-3/400-3                                                 | 12,5/7,2 | 50  |
|                                                | TX13•180 | 13                                                                                              | 3.43 | 310                                                     | 31   | 4400 | 180                                  | 18   | 2610 | 2800                                                                    | 5,00                                                                                                       | -                                                                  | -         | -   | 230-3                                                       | 15,8     | 50  |
|                                                | TX15•150 | 15                                                                                              | 3.96 | 260                                                     | 26   | 3700 | 150                                  | 15   | 2175 | 2800                                                                    | 5,00                                                                                                       | -                                                                  | -         | -   | 400-3                                                       | 9,2      | 50  |
|                                                | TX17•130 | 17                                                                                              | 4.5  | 230                                                     | 23   | 3200 | 130                                  | 13   | 1885 | 2800                                                                    | 5,00                                                                                                       | -                                                                  | -         | -   | 240-3                                                       | 14,5     | 50  |
|                                                | TX951    | 11,5                                                                                            | 3.04 | 170                                                     | 17   | 2450 | 103                                  | 10,3 | 1500 | 1700                                                                    | 3,20                                                                                                       | 220-1                                                              | 15,5      | 60  | -                                                           | -        | -   |
|                                                | TX954    | 13,6                                                                                            | 3.6  | 160                                                     | 16   | 2300 | 90                                   | 9    | 1300 | 1700                                                                    | 3,20                                                                                                       | 220-1                                                              | 15,5      | 60  | -                                                           | -        | -   |
|                                                | TX956    | 13                                                                                              | 3.43 | 250                                                     | 25   | 3550 | 145                                  | 14,5 | 2100 | 1700                                                                    | 4,60                                                                                                       | -                                                                  | -         | -   | 220-3                                                       | 16,5     | 60  |
|                                                | TX957    | 15,9                                                                                            | 4.2  | 145                                                     | 14,5 | 2100 | 76                                   | 7,6  | 1100 | 1700                                                                    | 3,20                                                                                                       | 220-1                                                              | 15,5      | 60  | -                                                           | -        | -   |
|                                                | TX961    | 15                                                                                              | 3.96 | 260                                                     | 26   | 3700 | 150                                  | 15   | 2175 | 3400                                                                    | 5,00                                                                                                       | -                                                                  | -         | -   | 220-3/380-3                                                 | 15,8/9,2 | 60  |

E.W. bar/MPa/p.s.i. = EQUIVALENT WASHING impact in bar/MPa/p.s.i.



Optionals:

- TOTAL STOP
- HOSE REEL  
ENROULEUR DE TUYAU  
SCHLAUCHTROMMEL  
ENROLLADOR DE MANGUERA  
AVVOLGITUBO



| Model<br>Modèle<br>Modell<br>Modelo<br>Modello |           | PUMP DATA - DONNÉES POMPE<br>PUMPENDATEN - DATOS BOMBA - DATI POMPA                           |      |                                                         |             |                |                                            |      |        | MOTOR DATA - DONNÉES MOTEUR<br>MOTORENDATEN - DATOS MOTOR - DATI MOTORE |                                                                                                            |                                                                                           |      |    |                                                                                    |          |    |  |
|------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------|------|---------------------------------------------------------|-------------|----------------|--------------------------------------------|------|--------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------|----|------------------------------------------------------------------------------------|----------|----|--|
|                                                |           | Flow rate<br>Débit<br>Förderleistung<br>Caudal<br>Portata<br><br>l/min.    G.P.M.<br>(U.S.A.) |      | Max. Pressure - Pression<br>Druck - Presion - Pressione |             |                |                                            |      |        | r.p.m.<br>tr./min.<br>u.p.m.<br>r/min.<br>g/min.                        | input power<br>puissance absorbée<br>aufnahmeleistung<br>potencia absorbida<br>potenza assorbita<br><br>kW | singlephase<br>monophase<br>wechselstrom<br>monofásico<br>monofase<br><br>V.    A.    Hz. |      |    | threephase<br>triphase<br>drehstrom<br>trifásico<br>trifase<br><br>V.    A.    Hz. |          |    |  |
|                                                |           |                                                                                               |      | with/avec<br>mit/con<br>ROTATING<br>NOZZLE              |             |                | with/avec<br>mit/con<br>STANDARD<br>NOZZLE |      |        |                                                                         |                                                                                                            |                                                                                           |      |    |                                                                                    |          |    |  |
|                                                |           |                                                                                               |      | E.W.<br>bar                                             | E.W.<br>MPa | E.W.<br>p.s.i. | bar                                        | MPa  | p.s.i. |                                                                         |                                                                                                            |                                                                                           |      |    |                                                                                    |          |    |  |
| TSX SERIES                                     | TSX10•130 | 9,5                                                                                           | 2.5  | 230                                                     | 23          | 3200           | 130                                        | 13   | 1885   | 1400                                                                    | 3,2                                                                                                        | 230-1                                                                                     | 14,7 | 50 | -                                                                                  | -        | -  |  |
|                                                | TSX12•100 | 12                                                                                            | 3.17 | 170                                                     | 17          | 2450           | 100                                        | 10   | 1450   | 1400                                                                    | 3,2                                                                                                        | 240-1                                                                                     | 13,6 | 50 | -                                                                                  | -        | -  |  |
|                                                | TSX12•140 | 12                                                                                            | 3.17 | 245                                                     | 24,5        | 3450           | 140                                        | 14   | 2030   | 1400                                                                    | 3,8                                                                                                        | -                                                                                         | -    | -  | 230-3                                                                              | 12,5     | 50 |  |
|                                                | TSX14•120 | 14                                                                                            | 3.69 | 210                                                     | 21          | 2950           | 120                                        | 12   | 1740   | 1400                                                                    | 3,8                                                                                                        | -                                                                                         | -    | -  | 400-3                                                                              | 7,2      | 50 |  |
|                                                | TSX13•180 | 13                                                                                            | 3.43 | 310                                                     | 31          | 4400           | 180                                        | 18   | 2610   | 2800                                                                    | 5                                                                                                          | -                                                                                         | -    | -  | 230-3                                                                              | 15,8     | 50 |  |
|                                                | TSX15•150 | 15                                                                                            | 3.96 | 260                                                     | 26          | 3700           | 150                                        | 15   | 2175   | 2800                                                                    | 5                                                                                                          | -                                                                                         | -    | -  | 400-3                                                                              | 9,2      | 50 |  |
|                                                | TSX17•130 | 17                                                                                            | 4.5  | 230                                                     | 23          | 3200           | 130                                        | 13   | 1885   | 2800                                                                    | 5                                                                                                          | -                                                                                         | -    | -  | 240-3                                                                              | 14,5     | 50 |  |
|                                                |           |                                                                                               |      |                                                         |             |                |                                            |      |        |                                                                         |                                                                                                            |                                                                                           |      |    | 415-3                                                                              | 8,5      | 50 |  |
|                                                | TSX951    | 11,5                                                                                          | 3.04 | 170                                                     | 17          | 2450           | 103                                        | 10,3 | 1500   | 1700                                                                    | 3,2                                                                                                        | 220-1                                                                                     | 15,5 | 60 | -                                                                                  | -        | -  |  |
|                                                | TSX954    | 13,6                                                                                          | 3.6  | 160                                                     | 16          | 2300           | 90                                         | 9    | 1300   | 1700                                                                    | 3,2                                                                                                        | 220-1                                                                                     | 15,5 | 60 | -                                                                                  | -        | -  |  |
|                                                | TSX956    | 13                                                                                            | 3.43 | 250                                                     | 25          | 3550           | 145                                        | 14,5 | 2100   | 1700                                                                    | 4,6                                                                                                        | -                                                                                         | -    | -  | 220-3                                                                              | 16,5     | 60 |  |
|                                                | TSX957    | 15,9                                                                                          | 4.2  | 145                                                     | 14,5        | 2100           | 76                                         | 7,6  | 1100   | 1700                                                                    | 3,2                                                                                                        | 220-1                                                                                     | 15,5 | 60 | -                                                                                  | -        | -  |  |
|                                                | TSX961    | 15                                                                                            | 3.96 | 260                                                     | 26          | 3700           | 150                                        | 15   | 2175   | 3400                                                                    | 5                                                                                                          | -                                                                                         | -    | -  | 220-3/380-3                                                                        | 15,8/9,2 | 60 |  |

E.W. bar/MPa/p.s.i. = EQUIVALENT WASHING impact in bar/MPa/p.s.i.





## A collection of various industrial hoses and connectors. The image shows several black braided hoses of different lengths and configurations. One hose has a white plastic component attached to its end. Another hose has a red connector. A third hose has a brass fitting. A fourth hose has a red connector. A fifth hose has a brass fitting. A sixth hose has a red connector. A seventh hose has a brass fitting. A eighth hose has a red connector. A ninth hose has a brass fitting. A tenth hose has a red connector. A eleventh hose has a brass fitting. A twelfth hose has a red connector. A thirteenth hose has a brass fitting. A fourteenth hose has a red connector. A fifteenth hose has a brass fitting. A sixteenth hose has a red connector. A seventeenth hose has a brass fitting. An eighteenth hose has a red connector. A nineteenth hose has a brass fitting. A twentieth hose has a red connector. A twenty-first hose has a brass fitting. A twenty-second hose has a red connector. A twenty-third hose has a brass fitting. A twenty-fourth hose has a red connector. A twenty-fifth hose has a brass fitting. A twenty-sixth hose has a red connector. A twenty-seventh hose has a brass fitting. A twenty-eighth hose has a red connector. A twenty-ninth hose has a brass fitting. A thirtieth hose has a red connector. A thirty-first hose has a brass fitting. A thirty-second hose has a red connector. A thirty-third hose has a brass fitting. A thirty-fourth hose has a red connector. A thirty-fifth hose has a brass fitting. A thirty-sixth hose has a red connector. A thirty-seventh hose has a brass fitting. A thirty-eighth hose has a red connector. A thirty-ninth hose has a brass fitting. A fortieth hose has a red connector. A forty-first hose has a brass fitting. A forty-second hose has a red connector. A forty-third hose has a brass fitting. A forty-fourth hose has a red connector. A forty-fifth hose has a brass fitting. A forty-sixth hose has a red connector. A forty-seventh hose has a brass fitting. A forty-eighth hose has a red connector. A forty-ninth hose has a brass fitting. A fiftieth hose has a red connector. A fifty-first hose has a brass fitting. A fifty-second hose has a red connector. A fifty-third hose has a brass fitting. A fifty-fourth hose has a red connector. A fifty-fifth hose has a brass fitting. A fifty-sixth hose has a red connector. A fifty-seventh hose has a brass fitting. A fifty-eighth hose has a red connector. A fifty-ninth hose has a brass fitting. A sixtieth hose has a red connector. A sixty-first hose has a brass fitting. A sixty-second hose has a red connector. A sixty-third hose has a brass fitting. A sixty-fourth hose has a red connector. A sixty-fifth hose has a brass fitting. A sixty-sixth hose has a red connector. A sixty-seventh hose has a brass fitting. A sixty-eighth hose has a red connector. A sixty-ninth hose has a brass fitting. A seventieth hose has a red connector. A seventy-first hose has a brass fitting. A seventy-second hose has a red connector. A seventy-third hose has a brass fitting. A seventy-fourth hose has a red connector. A seventy-fifth hose has a brass fitting. A seventy-sixth hose has a red connector. A seventy-seventh hose has a brass fitting. A seventy-eighth hose has a red connector. A seventy-ninth hose has a brass fitting. An eightieth hose has a red connector. An eighty-first hose has a brass fitting. An eighty-second hose has a red connector. An eighty-third hose has a brass fitting. An eighty-fourth hose has a red connector. An eighty-fifth hose has a brass fitting. An eighty-sixth hose has a red connector. An eighty-seventh hose has a brass fitting. An eighty-eighth hose has a red connector. An eighty-ninth hose has a brass fitting. A ninetieth hose has a red connector. A ninety-first hose has a brass fitting. A ninety-second hose has a red connector. A ninety-third hose has a brass fitting. A ninety-fourth hose has a red connector. A ninety-fifth hose has a brass fitting. A ninety-sixth hose has a red connector. A ninety-seventh hose has a brass fitting. A ninety-eighth hose has a red connector. A ninety-ninth hose has a brass fitting. A hundredth hose has a red connector.

# INTERPUMP GROUP



## Accessories in Kit

**Accessoires en Kit**  
**Zubehör in Kit**  
**Accesorios en Kit**  
**Accessori in Kit**

|                                            | <b>pag.</b> |
|--------------------------------------------|-------------|
| <b>Accessories in Kit for models:</b>      |             |
| <b>Blue Time - Clean Matic - Green Jet</b> | <b>122</b>  |
| <b>Big Bang - Box Jet - Quiky</b>          |             |
| <b>Accessories in Kit for models:</b>      |             |
| <b>T - TX - TSX - TX300</b>                | <b>123</b>  |
| <b>Lance Kits for Interpump Cleaners</b>   | <b>124</b>  |



# Accessories in Kit

**ACCESSOIRES EN KIT**  
**ZUBEHÖR IN KIT**  
**ACCESORIOS EN KIT**  
**ACCESSORI IN KIT**

For models / Pour modèles / Für model / Para modelos / Per modelli

**BLUE TIME - CLEAN Matic GREEN JET**  
**BIG BANG - BOX JET - QUIKY**

## ZSANDKIT



**SANDBLASTING KIT**  
**KIT DE SABLAGE**  
**SANDSTRAHLKIT**  
**KIT ARENACION**  
**KIT PER SABBIARE**

## ZFOAMKIT



**FOAMER**  
**LANCE A MOUSSE**  
**SCHAUMLANZE**  
**LANZA ESPUMA**  
**LANCIA SCHIUMA**

## ZDRAINKIT



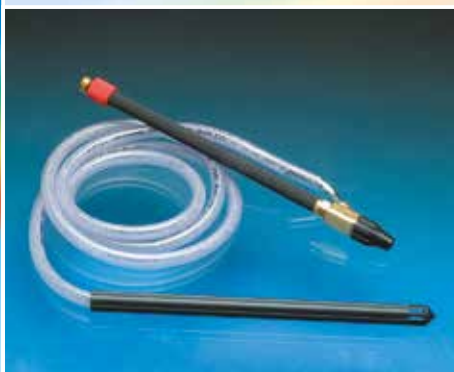
**DRAIN CLEANING KIT**  
**KIT DÉBOUCHEUR**  
**ROHRREINIGUNGSKIT**  
**KIT LIMPIEZA TUBERIAS**  
**KIT PULIZIA TUBAZIONI**



For models / Pour modèles / Für modell  
Para modelos / Per modelli

## T - TX - TSX

### ZTXSAND



SANDBLASTING KIT  
KIT DE SABLAGE  
SANDSTRAHLKIT  
KIT ARENADOR  
TESTINA SABBIANTE

### ZTXDRAIN



DRAIN CLEANING KIT  
KIT DÉBOUCHEUR  
SANDSTRAHLKIT  
KIT LIMPIEZA TUBERIAS  
KIT PULIZIA TUBAZIONI

### ZTXFOAM



FOAMER  
LANCE A MOUSSE  
SCHAUMLANZE  
LANZA PARA ESPUMA  
LANCIA SCHIUMA

### ZTXAVV (T•TX•TSX)



HOSE REEL  
ENROULEUR DE TUYAU  
SCHLAUCHTROMMEL  
ENROLLADOR DE MANGUERA  
AVVOLGITUBO

# Lance Kits for Interpump cleaners

**KITS DE LANCES POUR NETTOYEURS INTERPUMP**  
**STRAHLROHR-SÄTZE FÜR INTERPUMP-HOCHDRUCKREINIGER**  
**KITS DE LANZAS PARA HIDROLIMPIADORAS INTERPUMP**  
**KIT LANCE PER IDROPULTRICI INTERPUMP**

**MULTIFUNCTION NOZZLE HOLDERS KIT - PORTE-BUSES MULTIFONCTION KIT**  
**MULTIFUNKTIONSDÜSENHALTER KIT - PORTABOQUILLAS KIT - PORTA UGELLI KIT**



**MULTIREG KIT • ZHREG (BOX JET - QUIKY) • ZTXREG (T-TX-TSX-TX300-SERIES) • ZTX5REG (TX300 SERIES)**  
**VARIOJET KIT • ZVARIOK (BLUE TIME - CLEAN MATIC - GREEN JET - BIG BANG )**

**ROTATING NOZZLE KIT - BUSES ROTATIVES KIT**  
**ROTIERENDE DÜSEN KIT - BOQUILLAS ROTATIVAS KIT - UGELLI ROTANTI KIT**



**ROTOTEK KIT • ZHROK (BOX JET - QUIKY) • ZTXROK (T-TX-TSX-TX300 SERIES) • ZTX5ROK (TX300 SERIES)**  
**ROTOCLEAN KIT • ZROTINK (BLUE TIME - CLEAN MATIC - GREEN JET - BIG BANG )**

# Lance Kits for Interpump cleaners

LANCES COMPLETE WITH MULTIREG - LANCES COMPLETES AVEC MULTIREG - LANZEN KOMPLETT MIT MULTIREG  
LANZAS COMPLETAS DE MULTIREG - LANCE COMPLETE CON MULTIREG



ZSETLANC (BOX JET - QUIKY) • ZTLANCM (T SERIES)  
ZTXLANCM (TX - TSX - TX300 SERIES)

LANCES COMPLETE WITH ROTOTEK - LANCES COMPLETES AVEC ROTOTEK - LANZEN KOMPLETT MIT ROTOTEK  
LANZAS COMPLETAS DE ROTOTEK - LANCE COMPLETE CON ROTOTEK



ZHLANCR (BOX JET - QUIKY) • ZTLANCR (T SERIES)  
ZTXLANCR (TX - TSX - TX300 SERIES)

## STAINLESS STEEL NOZZLES UGELLI INOX

NOZZLE CHART - TABLEAU DES BUSES - DÜSENTABELLE  
TABLA DE BOQUILLAS - TABELLA UGELLI

 = PRESS. bar (MPa)

 = VOLUME L/min.

| MEG Type | 10<br>(1) | 20<br>(2) | 30<br>(3) | 40<br>(4) | 50<br>(5) | 60<br>(6) | 70<br>(7) | 80<br>(8) | 90<br>(9) | 100<br>(10) | 110<br>(11) | 120<br>(12) | 130<br>(13) | 140<br>(14) | 150<br>(15) | 160<br>(16) | 170<br>(17) | 180<br>(18) | 190<br>(19) | 200<br>(20) | 225<br>(22,5) | 250<br>(25) | 275<br>(27,5) |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|---------------|
| 015      | 1,1       | 1,5       | 1,9       | 2,2       | 2,4       | 2,7       | 2,9       | 3,1       | 3,2       | 3,4         | 3,6         | 3,8         | 3,9         | 4,1         | 4,2         | 4,3         | 4,5         | 4,6         | 4,7         | 4,8         | 5,1           | 5,4         | 5,7           |
| 020      | 1,4       | 2,0       | 2,5       | 2,9       | 3,2       | 3,5       | 3,8       | 4,1       | 4,3       | 4,6         | 4,8         | 5,0         | 5,2         | 5,4         | 5,6         | 5,8         | 6,0         | 6,1         | 6,3         | 6,5         | 6,8           | 7,2         | 7,6           |
| 025      | 1,8       | 2,6       | 3,1       | 3,6       | 4,0       | 4,4       | 4,8       | 5,1       | 5,4       | 5,7         | 6,0         | 6,3         | 6,5         | 6,8         | 7,0         | 7,2         | 7,4         | 7,7         | 7,9         | 8,1         | 8,6           | 9,0         | 9,5           |
| 030      | 2,2       | 3,1       | 3,8       | 4,3       | 4,8       | 5,3       | 5,7       | 6,1       | 6,5       | 6,8         | 7,2         | 7,5         | 7,8         | 8,1         | 8,4         | 8,7         | 8,9         | 9,2         | 9,4         | 9,7         | 10,3          | 10,8        | 11,4          |
| 035      | 2,5       | 3,6       | 4,4       | 5,1       | 5,6       | 6,2       | 6,7       | 7,1       | 7,6       | 8,0         | 8,4         | 8,8         | 9,1         | 9,5         | 9,8         | 10,1        | 10,4        | 10,7        | 11,0        | 11,3        | 12,0          | 12,6        | 13,2          |
| 040      | 2,9       | 4,1       | 5,0       | 5,8       | 6,5       | 7,1       | 7,6       | 8,2       | 8,7       | 9,1         | 9,6         | 10,0        | 10,4        | 10,8        | 11,2        | 11,5        | 11,9        | 12,2        | 12,6        | 12,9        | 13,7          | 14,4        | 15,1          |
| 045      | 3,2       | 4,6       | 5,6       | 6,5       | 7,3       | 8,0       | 8,6       | 9,2       | 9,7       | 10,3        | 10,8        | 11,3        | 11,7        | 12,2        | 12,6        | 13,0        | 13,4        | 13,8        | 14,2        | 14,5        | 15,4          | 16,2        | 17,0          |
| 050      | 3,6       | 5,1       | 6,3       | 7,2       | 8,1       | 8,8       | 9,5       | 10,2      | 10,8      | 11,4        | 12,0        | 12,5        | 13,0        | 13,5        | 14,0        | 14,4        | 14,9        | 15,3        | 15,7        | 16,1        | 17,1          | 18,0        | 18,9          |
| 055      | 4,0       | 5,6       | 6,9       | 7,9       | 8,9       | 9,7       | 10,5      | 11,2      | 11,9      | 12,6        | 13,2        | 13,8        | 14,3        | 14,9        | 15,4        | 15,9        | 16,4        | 16,8        | 17,3        | 17,8        | 18,8          | 19,8        | 20,8          |
| 060      | 4,3       | 6,1       | 7,5       | 8,7       | 9,7       | 10,6      | 11,5      | 12,2      | 13,0      | 13,7        | 14,4        | 15,0        | 15,6        | 16,2        | 16,8        | 17,3        | 17,9        | 18,4        | 18,9        | 19,4        | 20,5          | 21,7        | 22,7          |
| 065      | 4,7       | 6,6       | 8,1       | 9,4       | 10,5      | 11,5      | 12,4      | 13,3      | 14,1      | 14,8        | 15,6        | 16,3        | 16,9        | 17,6        | 18,2        | 18,8        | 19,3        | 19,9        | 20,5        | 21,0        | 22,3          | 23,5        | 24,6          |
| 070      | 5,1       | 7,1       | 8,8       | 10,1      | 11,3      | 12,4      | 13,4      | 14,3      | 15,2      | 16,0        | 16,8        | 17,5        | 18,2        | 18,9        | 19,6        | 20,2        | 20,8        | 21,4        | 22,0        | 22,6        | 24,0          | 25,3        | 26,5          |
| 075      | 5,4       | 7,7       | 9,4       | 10,8      | 12,1      | 13,3      | 14,3      | 15,3      | 16,2      | 17,1        | 18,0        | 18,8        | 19,5        | 20,3        | 21,0        | 21,7        | 22,3        | 23,0        | 23,6        | 24,2        | 25,7          | 27,1        | 28,4          |
| 080      | 5,8       | 8,2       | 10,0      | 11,5      | 12,9      | 14,1      | 15,3      | 16,3      | 17,3      | 18,3        | 19,2        | 20,0        | 20,8        | 21,6        | 22,4        | 23,1        | 23,8        | 24,5        | 25,2        | 25,8        | 27,4          | 28,9        | 30,3          |
| 085      | 6,1       | 8,7       | 10,6      | 12,3      | 13,7      | 15,0      | 16,2      | 17,4      | 18,4      | 19,4        | 20,3        | 21,3        | 22,1        | 23,0        | 23,8        | 24,5        | 25,3        | 26,0        | 26,7        | 27,4        | 29,1          | 30,7        | 32,2          |
| 090      | 6,5       | 9,2       | 11,3      | 13,0      | 14,5      | 15,9      | 17,2      | 18,4      | 19,5      | 20,5        | 21,5        | 22,5        | 23,4        | 24,3        | 25,2        | 26,0        | 26,8        | 27,6        | 28,3        | 29,1        | 30,8          | 32,5        | 34,1          |
| 10       | 7,2       | 10,2      | 12,5      | 14,4      | 16,1      | 17,7      | 19,1      | 20,4      | 21,7      | 22,8        | 23,9        | 25,0        | 26,0        | 27,0        | 28,0        | 28,9        | 29,8        | 30,6        | 31,5        | 32,3        | 34,2          | 36,1        | 37,9          |
| 11       | 7,9       | 11,2      | 13,8      | 15,9      | 17,8      | 19,4      | 21,0      | 22,5      | 23,8      | 25,1        | 26,3        | 27,5        | 28,6        | 29,7        | 30,8        | 31,8        | 32,7        | 33,7        | 34,6        | 35,5        | 37,7          | 39,7        | 41,6          |
| 12       | 8,7       | 12,2      | 15,0      | 17,3      | 19,4      | 21,2      | 22,9      | 24,5      | 26,0      | 27,4        | 28,7        | 30,0        | 31,2        | 32,4        | 33,5        | 34,6        | 35,7        | 36,7        | 37,8        | 38,7        | 41,1          | 43,3        | 45,4          |
| 13       | 9,4       | 13,3      | 16,3      | 18,8      | 21,0      | 23,0      | 24,8      | 26,5      | 28,2      | 29,7        | 31,1        | 32,5        | 33,8        | 35,1        | 36,3        | 37,5        | 38,7        | 39,8        | 40,9        | 42,0        | 44,5          | 46,9        | 49,2          |
| 15       | 10,8      | 15,3      | 18,8      | 21,7      | 24,2      | 26,5      | 28,6      | 30,6      | 32,5      | 34,2        | 35,9        | 37,5        | 39,0        | 40,5        | 41,9        | 43,3        | 44,6        | 45,9        | 47,2        | 48,4        | 51,4          | 54,1        | 56,8          |
| 20       | 14,4      | 20,4      | 25,0      | 28,9      | 32,3      | 35,4      | 38,2      | 40,8      | 43,3      | 45,7        | 47,9        | 50,0        | 52,0        | 54,0        | 55,9        | 57,7        | 59,5        | 61,2        | 62,9        | 64,6        | 68,5          | 72,2        | 75,7          |
| 25       | 18,0      | 25,5      | 31,3      | 36,1      | 40,4      | 44,2      | 47,7      | 51,0      | 54,1      | 57,1        | 59,8        | 62,5        | 65,1        | 67,5        | 69,9        | 72,2        | 74,4        | 76,6        | 78,7        | 80,7        | 85,6          | 90,2        | 94,6          |
| 30       | 21,7      | 30,6      | 37,5      | 43,3      | 48,4      | 53,0      | 57,3      | 61,2      | 65,0      | 68,5        | 71,8        | 75,0        | 78,1        | 81,0        | 83,9        | 86,6        | 89,3        | 91,9        | 94,4        | 96,8        | 102,7         | 108,3       | 113,6         |
| 35       | 25,3      | 35,7      | 43,8      | 50,5      | 56,5      | 61,9      | 66,8      | 71,5      | 75,8      | 79,9        | 83,8        | 87,5        | 91,1        | 94,5        | 97,8        | 101,1       | 104,2       | 107,2       | 110,1       | 113,0       | 119,8         | 126,3       | 132,5         |
| 40       | 28,9      | 40,8      | 50,0      | 57,7      | 64,6      | 70,7      | 76,4      | 81,7      | 86,6      | 91,3        | 95,8        | 100,0       | 104,1       | 108,0       | 111,8       | 115,5       | 119,0       | 122,5       | 125,9       | 129,1       | 137,0         | 144,4       | 151,4         |
| 50       | 36,1      | 51,0      | 62,5      | 72,2      | 80,7      | 88,4      | 95,5      | 102,1     | 108,3     | 114,1       | 119,7       | 125,0       | 130,1       | 135,0       | 139,8       | 144,4       | 148,8       | 153,1       | 157,3       | 161,4       | 171,2         | 180,5       | 189,3         |
| 60       | 43,3      | 61,2      | 75,0      | 86,6      | 96,8      | 106,1     | 114,6     | 122,5     | 129,9     | 137,0       | 143,6       | 150,0       | 156,1       | 162,0       | 167,7       | 173,2       | 178,6       | 183,7       | 188,8       | 193,7       | 205,4         | 216,5       | 227,1         |

The delivery of nozzles must not exceed 95% of the pump delivery - Le débit des buses ne doit pas dépasser 95% du débit de la pompe  
Die Förderleistung der Düsen darf nicht 95% der Förderleistung der Pumpe überschreiten - El caudal de las boquillas no debe sobrepasar 95% del caudal de la bomba - La portata degli ugelli non deve superare il 95% della portata della pompa

# High Pressure Hoses

Pressure loss (bar) for each meter of flexible hose, without fittings (Values for water at 20°C)  
 Perdita di pressione (bar) per ogni metro di tubo flessibile, senza raccordi (Valori per acqua a 20°C)

| (inch.)                        | 3/16"  | 1/4"   | 5/16"  | 3/8"   | 1/2"   | 5/8"   | 3/4"   | 1"     | 1"1/4  | 1"1/2  | 2"     | 3"     |
|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| DN (mm)                        | 5      | 6      | 8      | 10     | 12     | 16     | 20     | 25     | 32     | 38     | 50     | 80     |
| Flow rate<br>Portata<br>l/min. |        |        |        |        |        |        |        |        |        |        |        |        |
| 1                              | 0,0358 | 0,0091 | 0,0032 |        |        |        |        |        |        |        |        |        |
| 2                              | 0,1203 | 0,0307 | 0,0106 | 0,0045 | 0,0011 |        |        |        |        |        |        |        |
| 4                              | 0,4048 | 0,1032 | 0,0358 | 0,0150 | 0,0038 | 0,0013 |        |        |        |        |        |        |
| 8                              | 1,3615 | 0,3472 | 0,1203 | 0,0506 | 0,0129 | 0,0045 | 0,0019 |        |        |        |        |        |
| 10                             | 2,0120 | 0,5131 | 0,1778 | 0,0748 | 0,0191 | 0,0066 | 0,0028 |        |        |        |        |        |
| 15                             | 4,0906 | 1,0431 | 0,3614 | 0,1520 | 0,0388 | 0,0134 | 0,0056 | 0,0014 |        |        |        |        |
| 20                             |        | 1,7257 | 0,5979 | 0,2515 | 0,0641 | 0,0222 | 0,0093 | 0,0024 |        |        |        |        |
| 30                             |        | 3,5086 | 1,2156 | 0,5113 | 0,1304 | 0,0452 | 0,0190 | 0,0048 | 0,0017 |        |        |        |
| 40                             |        |        | 2,0112 | 0,8459 | 0,2157 | 0,0747 | 0,0314 | 0,0080 | 0,0028 | 0,0012 |        |        |
| 50                             |        |        | 2,9720 | 1,2501 | 0,3188 | 0,1104 | 0,0465 | 0,0118 | 0,0041 | 0,0017 |        |        |
| 60                             |        |        | 4,0889 | 1,7199 | 0,4386 | 0,1520 | 0,0639 | 0,0163 | 0,0056 | 0,0024 |        |        |
| 70                             |        |        |        | 2,2524 | 0,5744 | 0,1990 | 0,0837 | 0,0213 | 0,0074 | 0,0031 |        |        |
| 80                             |        |        |        | 2,8454 | 0,7256 | 0,2514 | 0,1057 | 0,0270 | 0,0093 | 0,0039 |        |        |
| 90                             |        |        |        | 3,4967 | 0,8917 | 0,3089 | 0,1299 | 0,0331 | 0,0115 | 0,0048 |        |        |
| 100                            |        |        |        | 4,2047 | 1,0722 | 0,3715 | 0,1563 | 0,0398 | 0,0138 | 0,0058 | 0,0015 |        |
| 125                            |        |        |        |        | 1,5844 | 0,5490 | 0,2309 | 0,0589 | 0,0204 | 0,0086 | 0,0022 |        |
| 150                            |        |        |        |        | 2,1799 | 0,7553 | 0,3177 | 0,0810 | 0,0281 | 0,0118 | 0,0030 |        |
| 175                            |        |        |        |        | 2,8549 | 0,9892 | 0,4161 | 0,1061 | 0,0368 | 0,0155 | 0,0039 |        |
| 200                            |        |        |        |        | 3,6064 | 1,2496 | 0,5256 | 0,1340 | 0,0464 | 0,0195 | 0,0050 |        |
| 250                            |        |        |        |        |        | 1,8465 | 0,7767 | 0,1981 | 0,0686 | 0,0289 | 0,0074 | 0,0011 |
| 300                            |        |        |        |        |        | 2,5405 | 1,0686 | 0,2725 | 0,0944 | 0,0397 | 0,0101 | 0,0015 |
| 400                            |        |        |        |        |        | 4,2030 | 1,7679 | 0,4508 | 0,1562 | 0,0657 | 0,0168 | 0,0024 |
| 500                            |        |        |        |        |        |        | 2,614  | 0,6662 | 0,2308 | 0,0971 | 0,0248 | 0,0036 |
| 600                            |        |        |        |        |        |        | 3,5942 | 0,9165 | 0,3176 | 0,1336 | 0,0341 | 0,0050 |
| 700                            |        |        |        |        |        |        | 4,7072 | 1,2003 | 0,4159 | 0,1749 | 0,0446 | 0,0065 |
| 800                            |        |        |        |        |        |        |        | 1,5163 | 0,5254 | 0,2210 | 0,0564 | 0,0082 |
| 900                            |        |        |        |        |        |        |        | 1,8634 | 0,6456 | 0,2716 | 0,0692 | 0,0101 |
| 1000                           |        |        |        |        |        |        |        | 2,2407 | 0,7764 | 0,3265 | 0,0833 | 0,0121 |

## Formulas

Calculation of power required at pump shaft  
 Calcolo potenza richiesta all'albero pompa

$$HP = \frac{l/min \times bar}{385} \quad kW = \frac{l/min \times bar}{525}$$

Power Conversion  
 Conversione Potenza

$$HP = kW \times 1,36$$

Calculation of torque required at pump shaft  
 Calcolo coppia richiesta all'albero pompa

$$Kgm = 716,2 \times \frac{HP}{rpm} \quad Nm = 9555 \times \frac{kW}{rpm}$$

Torque Conversion  
 Conversione di Coppia

$$Nm = Kgm \times 9,81$$

## General Conditions of Sale of Interpump Group S.p.A. (hereinafter referred to as "Interpump")

### Art. 1 (scope)

These General Conditions of Sale form an integral part of any offer, purchase order, and order confirmation. Any agreement on different terms must be approved in writing by Interpump.

1.2. The Products are sold with retention of title. Transfer of ownership shall occur only after the full payment of the purchase price.

### Art. 2 (prices)

2.1. The prices of Products are expressed in Euro and are shown in the Price List. Prices are intended ex works (EXW) net of packaging, taxes, and any insurance.

### Art. 3 (product specifications)

3.1. The technical specifications of Products are indicative and may be changed without notice. The Customer shall be responsible for choosing the Products ordered and determining the suitability of the product to their requirements. Interpump reserves the right to make changes to Products at any time and is under no obligation to notify the Customer of such changes.

### Art. 4 (delivery methods and terms)

4.1. Products will be delivered at Interpump's warehouse directly to the Customer or to the appointed carrier or forwarding agent.

4.2. Delivery dates are approximate and not binding for Interpump. The delivery date refers to the day of departure from Interpump's warehouse. Any delay in delivery or partial fulfilment of the order does not give the customer the right to cancel or claim compensation for direct or indirect losses, or to delay the payment of deliveries already made with respect to the agreed deadlines.

### Art. 5 (suspension of delivery)

5.1. Failure to pay, even in part, of any delivery, shall give Interpump the right to suspend the deliveries underway even if they refer to products whose payment terms have not yet expired or for items already paid.

### Art. 6 (solve et repete)

6.1. Customers may not take legal action or file claims for Product flaws, discrepancies or otherwise, unless the agreed payment terms have fully been complied with.

### Art. 7 (warranty for defects, exemption from liability)

7.1. Interpump products are warranted to be free from defects in workmanship for a period of 12 months from the date of shipping. The warranty is limited to the repair or replacement of those parts, at our sole discretion, which prove to be clearly defective, with the exception of parts subject to wear. The Products under warranty must be sent on freight prepaid basis to Interpump Group S.p.A., via E. Fermi n. 25, 42049 S. Ilario D'Enza (RE), where they will be examined and repaired or replaced if necessary. The warranty expressly excludes any damage, loss, service, shipping or return shipping costs, generated by wilful misconduct, negligence, improper use, tampering, freezing, atmospheric or natural events, damage during transport, failure to comply with installation and maintenance rules, the use of non-genuine spare parts.

7.2. The original warranty period will not be extended under any circumstances by repairs made under warranty.

7.3. The warranty terms as described in these General Conditions of Sale shall be the only warranty terms applied, thereby excluding any further or different statutory warranty.

### Art. 8 (returns)

8.1. Interpump does not accept customer returns for repairs or other reasons unless they have been agreed with and authorised by Interpump in advance.

### Art. 9 (payment)

9.1. Payments shall be made according to the terms and conditions agreed and specified in the invoice. In case of non-payment, Interpump reserves the right to charge default interest and the expenses incurred, pursuant to Legislative Decree 231/2002. Interpump shall have the right to suspend the processing of any orders due to failure to comply with the payment terms and conditions. In case of late payments, Interpump shall use any credit notes issued up to the limit of the credit to offset against amount due.

### Art. 10 (Interpump Code of Ethics)

10.1. Violation by the Customer of the provisions of the Code of Ethics shall constitute a serious breach pursuant to Article 1453 of the Italian Civil Code and may result in termination of contract and compensation for the resulting damages.

### Art. 11 (competent court)

11.1. Any disputes related to the contract of sale and the application of these General Conditions of Sale shall be submitted to the exclusive jurisdiction of the Court of Reggio Emilia.

## Conditions générales de vente de Interpump Group S.p.A. (ci-après "Interpump"):

### Art. 1 (champ d'application)

1.1. Les présentes Conditions Générales de vente font partie intégrante de toute offre, commande et confirmation de commande. Tout autre accord devra être approuvé par écrit par Interpump.

1.2. Les Produits sont vendus sous réserve de propriété. La propriété est transférée uniquement après paiement intégral du prix d'achat.

### Art. 2 (prix)

2.1. Les prix des Produits sont exprimés en Euros et sont indiqués dans le Tarif. Les prix sont départ usine (EXW) hors emballage, taxes et éventuelle assurance.

### Art. 3 (caractéristiques des Produits)

3.1. Les données techniques des Produits sont indicatives et peuvent être modifiées sans préavis. Le Client est responsable du choix des produits commandés et qu'ils correspondent à ses propres exigences. Interpump se réserve le droit d'apporter à n'importe quel moment des modifications aux Produits, sans obligation de communication au Client.

### Art. 4 (termes et modalité de livraison)

4.1. La livraison est effectuée à l'entrepôt d'Interpump directement au Client ou au transporteur chargé de la livraison.

4.2. La date de livraison est indicative et non contraignante et se réfère à la date de départ de l'entrepôt d'Interpump. Le retard éventuel de la livraison ou la livraison partielle ne donne au Client ni le droit de résiliation ni de prétendre un dédommagement pour préjudices directs ou indirects, ni de retarder le paiement des fournitures déjà effectuées par rapport aux échéances convenues.

### Art. 5 (suspension de la livraison)

5.1. Le non-paiement, même partiel, de n'importe quelle fourniture, donne droit à Interpump de suspendre les livraisons en cours même si elles se réfèrent à des Produits dont le paiement n'est pas encore arrivé à échéance ou à des lots déjà payés.

### Art. 6 (solve et repete)

6.1. En cas de dispute, le Client ne pourra faire valoir les défauts, les difformités des Produits ou autres, que s'il respecte les délais de paiement convenus.

### Art. 7 (garantie des vices, décharge de responsabilité)

7.1. Les Produits Interpump sont garantis sans défaut de fabrication pendant 12 mois à compter de l'expédition. La garantie est limitée à la réparation ou remplacement des pièces qui, à notre seul jugement, s'avèreraient manifestement défectueuses, à l'exception des pièces d'usure. Les Produits sous garantie devront être envoyés en port payé à Interpump Group S.p.A., via E. Fermi n. 25, 42049 S. Ilario D'Enza (RE), pour être examinés, réparés ou éventuellement remplacés. De la garantie sont expressément exclus les dommages, pertes, coûts d'intervention, expédition, réexpédition éventuels, défauts générés intentionnellement, négligence, usage impropre, détérioration, gel, événements atmosphériques et naturels, dommages lors du transport, inobservance des normes d'installation, emploi de pièces non originales.

7.2. L'intervention sous garantie ne prolongera d'aucune façon la durée de la garantie en question.

7.3. La garantie décrite dans les présentes conditions sera la seule reconnue par Interpump, à l'exclusion de toute autre garantie légale.

### Art. 8 (retours de produits)

8.1. Interpump n'accepte pas de retours de produits des clients pour réparation ou autres raisons, sauf si cela est préalablement convenu avec et autorisé par Interpump.

### Art. 9 (paiements)

9.1. Les paiements devront être effectués aux conditions convenues et indiquées dans la facture. En cas de non-paiement, Interpump se réserve de facturer les intérêts et les frais encourus, comme prévu par le Décret Législatif 231/2002. L'inobservance des délais de paiement donne faculté à Interpump d'interrompre la livraison des commandes suivantes. En cas de retard dans les paiements, Interpump compensera les notes de crédit éventuelles jusqu'à concurrence de ses propres créances.

### Art. 10 (Code éthique d'Interpump)

10.1. La violation de la part du Client, des normes du Code Éthique, constitue un manquement grave aux termes de l'art. 1453 c.c. Et pourra comporter la résolution du contrat et le dédommagement des préjudices subis.

### Art. 11 (tribunal compétent)

11.1. Pour tout différend relatif au contrat de vente et à l'application des présentes conditions seul le tribunal de Reggio Emilia sera compétent.

## Allgemeine Verkaufsbedingungen der Interpump Group S.p.A. (nachstehend "Interpump")

### Art. 1 (Anwendungsbereich)

1.1. Die vorliegenden allgemeinen Verkaufsbedingungen sind einen wesentlichen Teil aller Angebote, Bestellungen und Auftragsbestätigungen. Alle abweichende Vereinbarungen müssen schriftlich von Interpump genehmigt werden.

1.2. Die Produkte werden unter Eigentumsvorbehalt verkauft. Das Eigentum geht erst nach vollständiger Bezahlung des Kaufpreises über.

### Art. 2 (Preise)

2.1. Die Preise der Produkte werden in Euro in der Preisliste aufgeführt. Die Preise verstehen sich ab Werk (EXW) zzgl. Verpackung, Steuern und eventuelle Versicherungen.

### Art. 3 (Eigenschaften der Produkte)

3.1. Die technischen Daten der Produkte sind Richtwerte und können ohne vorherige Ankündigung geändert werden. Der Kunde ist für die Wahl der bestellten Produkte und deren Übereinstimmung mit seinen Erfordernissen verantwortlich. Interpump behält sich vor, jederzeit Veränderungen an den Produkten vorzunehmen, ohne dass dabei die Pflicht zur Mitteilung an den Kunden besteht.

### Art. 4 (Fristen und Formen der Lieferung)

4.1. Die Lieferung erfolgt ab dem Lager von Interpump direkt an den Kunden, an den Transporteur oder an die beauftragte Spedition.

4.2 Das Lieferdatum ist ein unverbindlicher Richtwert und bezieht sich auf das Abgangsdatum aus dem Lager von Interpump. Eine eventuelle Verspätung bei der Lieferung oder eine Teillieferung gibt dem Kunden weder ein Recht zur Kündigung, zur Forderung einer Entschädigung für direkte oder indirekte Schäden, noch zur Verspätung der Bezahlung der bereits ausgeführten Lieferungen hinsichtlich der vereinbarten Termine.

### Art. 5 (Einstellung der Lieferung)

5.1. Die auch nur teilweise Nichtbezahlung einer beliebigen Lieferung begründet das Recht für Interpump, die laufenden Lieferungen einzustellen, auch wenn diese sich auf Produkte beziehen, deren Zahlungsfristen noch nicht abgelaufen sind, bzw. auf bereits beglichene Partien.

### Art. 6 (Klausel "Solve et Repete")

6.1. Der Kunde kann in Form einer Klage oder eines Einwandes keine Mängel bzw. Abweichungen der Produkte oder anderes geltend machen, wenn die Zahlungsfristen nicht eingehalten werden.

### Art. 7 (Gewährleistung für Mängel, Haftungsbefreiung)

7.1. Die Produkte von Interpump sind über eine Dauer von 12 Monaten nach Auslieferungsdatum frei von Herstellungsmängeln garantiert. Die Garantie ist auf die Reparatur oder den Austausch jener Teile beschränkt, die ausgenommen der Verschleißteile nach unserem ausschließlichen Ermessen, offensichtlich defekt sind. Die unter Garantie stehenden Produkte müssen frei Werk an Interpump Group S.p.A., Via E. Fermi Nr. 25, 42049 S. Ilario D'Enza (RE) zur ihrer Prüfung und eventuellen Reparatur oder Ersetzung eingeschickt werden. Von der Garantie sind ausdrücklich eventuelle Schäden, Verluste, Kosten für Eingriffe, Versand oder Rücksendung, durch Vorsatz, Nachlässigkeit, unsachgemäßen Gebrauch, Veränderung, Frost, Wetter- und Naturereignisse, Transport, Nichtbeachtung der Installations- und Wartungsvorschriften bzw. durch Einsatz von nicht-originalen Ersatzteilen hervorgerufenen Defekte ausgeschlossen.

7.2. Maßnahmen im Garantiezeitraum verlängern keinesfalls die Dauer dieser Garantie.

7.3. Die in den vorliegenden allgemeinen Verkaufsbedingungen beschriebene Garantie ist die einzige, die von Interpump anerkannt wird, wobei jede weitere oder andere gesetzliche Garantie ausgeschlossen wird.

### Art. 8 (Rücklieferungen)

8.1. Interpump nimmt keine Rücklieferungen von Kunden zur Reparatur oder aus anderen Gründen an, wenn diese nicht zuvor vereinbart und von Interpump genehmigt wurden.

### Art. 9 (Zahlungen)

9.1. Die Zahlungen müssen unter den vereinbarten und in der Rechnung angegebenen Bedingungen ausgeführt werden. Bei Nichtbezahlung behält sich Interpump vor, Verzugszinsen und aufgewandte Kosten in Rechnung zu stellen, wie in der Gesetzesverordnung 231/2002 vorgesehen ist. Die Nichteinhaltung der Zahlungsbedingungen stellt es Interpump frei, die Auslieferung weiterer Bestellungen zu unterbrechen. Bei Verzögerungen der Zahlungen verrechnet Interpump eventuell ausgestellte Gutschriften bis zur Höhe ihrer Forderung.

### Art. 10 (Ethischer Code von Interpump)

10.1. Die Verletzung der Bestimmungen des ethischen Kodex durch den Kunden stellt eine schwere Nichterfüllung gemäß Art. 1453 ital. ZGB dar und kann auch die Kündigung des Vertrages sowie den Ersatz der daraus folgenden Schäden nach sich ziehen.

### Art. 11 (Gerichtsstand)

11.1. Für alle Streitfälle in Bezug auf den Verkaufsvertrag und die Anwendung der vorliegenden allgemeinen Verkaufsbedingungen ist ausschließlich der Gerichtsstand von Reggio Emilia zuständig.

## Condiciones generales de Venta de Interpump Group S.p.A. (a continuación "Interpump"):

### Art. 1 (ámbito de aplicación)

1.1. Las condiciones generales constituyen parte integrante de cualquier oferta, solicitud de compra y confirmación de pedido. Todo otro acuerdo en contrario deberá ser aprobado por escrito por la firma Interpump.

1.2. Los Productos se venden con pacto de dominio reservado. La propiedad se transfiere sólo tras el pago total del precio de compra.

### Art. 2 (precios)

2.1. Los precios de los Productos están expresados en Euros y están indicados en la Lista de Precios. Los precios son franco fábrica (EXW) netos de los gastos de embalaje, impuestos y seguros.

### Art. 3 (características de los Productos)

3.1. Los datos técnicos de los Productos son indicativos y pueden modificarse sin previo aviso. El cliente es responsable de la elección de los Productos solicitados y de su correspondencia con sus exigencias. Interpump se reserva la facultad de aportar en cualquier momento modificaciones a los Productos, sin obligación de comunicación al Cliente.

### Art. 4 (términos y modalidades de entrega)

4.1. La entrega se realiza en el almacén de Interpump, directamente al Cliente o al vector o al transportista encargado.

4.2 La fecha de entrega se entiende indicativa y no vinculante, y se refiere a la fecha de salida desde el almacén de Interpump. La posible demora en la entrega o el despacho parcial del pedido no otorga derecho al cliente de anulación ni pretender indemnizaciones por daños directos o indirectos, ni retardar, respecto a los vencimientos pactados, el pago de los suministros ya realizados.

### Art. 5 (suspensión de la entrega)

5.1. La falta de pago, incluso parcial, de cualquier suministro, otorga a Interpump el derecho a suspender las entregas en curso también si se refieren a Productos cuyos términos de pago aún no han vencido o con partidas ya pagadas.

### Art. 6 (solve et repete) paga y reclama

6.1. El Cliente no podrá hacer valer, en vía de acción o excepción, defectos, deformidades de los Productos u otros, si no respeta los términos de pago acordados.

### Art. 7 (garantía por vicios, exención de responsabilidad)

7.1. Los Productos Interpump están garantizados contra los defectos de fabricación durante el plazo de 12 meses desde la fecha de expedición. La garantía se limita a la reparación o sustitución de aquellas piezas que, según nuestro juicio exclusivo, demostraran defectos evidentes, con exclusión de las piezas de desgaste. Los Productos bajo garantía deberán enviarse con flete prepagado a Interpump Group S.p.A, vía E. Fermi n. 25, 42049 S. Ilario D'Enza (RE), para ser examinados y eventualmente reparados o sustituidos. De la garantía se excluyen expresamente los posibles daños, pérdidas, gastos de intervención, expedición o reenvío, defectos generados por dolo, negligencia, uso inapropiado, alteración, hielo, eventos atmosféricos y naturales, daños en el transporte, inobservancia de las normas de instalación y mantenimiento, empleo de piezas no originales.

7.2. La intervención en garantía no prolongará, en ningún caso, el período de validez de la garantía.

7.3. La garantía descrita en las presentes condiciones será la única válida, con exclusión de toda otra diferente garantía de ley.

### Art.8 (devoluciones)

8.1. Interpump no acepta devoluciones de los clientes por reparación u otra causa, si no ha sido previamente acordado y autorizado por Interpump.

### Art.9 (pagos)

9.1. Los pagos deberán realizarse a las condiciones acordadas e indicadas en la factura. En caso de falta de pago, Interpump se reserva el derecho de cobrar los intereses por mora y los gastos incurridos, como ha sido previsto por el D.Leg. 231/2002. La inobservancia de los términos de pago otorga a Interpump el derecho de suspender el despacho de pedidos posteriores. En caso de mora en los pagos, Interpump compensará posibles notas de crédito emitidas, hasta el importe de su crédito.

### Art. 10 (Código ético de Interpump)

10.1. La violación, por parte del Cliente, de las normas del Código Ético, constituye incumplimiento grave ex art. 1453 del c.c. y podrá comportar también la rescisión del contrato y el resarcimiento de los daños consecuentes.

### Art. 11 (Tribunal competente)

11.1. En caso de controversias referidas al contrato de venta y a la aplicación de las presentes condiciones será competente en vía exclusiva el Tribunal de Reggio Emilia.

## Condizioni Generali di Vendita di Interpump Group S.p.A. (di seguito "Interpump"):

### Art. 1 (ambito di applicazione)

1.1. Le Condizioni Generali costituiscono parte integrante di qualsiasi offerta, ordine di acquisto e conferma d'ordine. Ogni diverso accordo dovrà essere approvato per iscritto da Interpump.

1.2. I Prodotti sono venduti con patto di riservato dominio. La proprietà viene trasferita solo a seguito del pagamento integrale del prezzo di acquisto.

### Art. 2 (prezzi)

2.1. I prezzi dei Prodotti sono in euro e sono indicati nel Listino Prezzi. I prezzi si intendono franco fabbrica (EXW) al netto dell'imballo, delle imposte e di eventuali assicurazioni.

### Art. 3 (caratteristiche dei Prodotti)

3.1. I dati tecnici dei Prodotti sono indicativi e possono essere modificati senza preavviso. Il Cliente è responsabile della scelta dei Prodotti ordinati e della loro rispondenza alle proprie esigenze. Interpump si riserva di apportare in qualsiasi momento modifiche ai Prodotti, senza obbligo di comunicazione al Cliente.

### Art. 4 (termini e modalità di consegna)

4.1. La consegna viene effettuata, presso il magazzino di Interpump, direttamente al Cliente oppure al vettore o allo spedizioniere incaricato.  
4.2. La data di consegna si intende indicativa e non vincolante, ed è riferita alla data di partenza dal magazzino di Interpump. L'eventuale ritardo nella consegna o l'evasione parziale dell'ordine non dà diritto al cliente di disdetta né di pretendere risarcimenti per danni diretti o indiretti, né di ritardare, rispetto alle scadenze convenute, il pagamento delle forniture già effettuate.

### Art. 5 (sospensione della consegna)

5.1. Il mancato pagamento, anche parziale, di qualsiasi fornitura, dà diritto a Interpump di sospendere le consegne in corso anche se riferite a Prodotti i cui termini di pagamento non sono ancora scaduti o a partite già saldate.

### Art. 6 (solve et repete)

6.1. Il Cliente non potrà far valere, in via di azione o eccezione, difetti, difformità dei Prodotti o altro, se non rispettando i termini di pagamento concordati.

### Art. 7 (garanzia per vizi, esonero di responsabilità)

7.1. I Prodotti Interpump sono garantiti esenti da difetti di fabbricazione per la durata di 12 mesi dalla data di spedizione. La garanzia è limitata alla riparazione o sostituzione di quelle parti che, a ns. esclusivo giudizio, risultassero manifestamente difettose, escluso le parti di usura. I Prodotti soggetti alla garanzia dovranno essere inviati franco stabilimento di Interpump via E. Fermi n. 25, 42049 S. Ilario D'Enza (RE), per il loro esame ed eventuale riparazione o sostituzione. Dalla garanzia sono espressamente esclusi gli eventuali danni, perdite, costi di intervento, spedizione o rispeditura, difetti generati da dolo, negligenza, uso improprio, manomissione, gelo, eventi atmosferici e naturali, danneggiamenti nel trasporto, inosservanza delle norme di installazione e manutenzione, impiego di parti non originali.

7.2. L'intervento in garanzia non prolungherà in alcun caso il periodo di durata della garanzia stessa.

7.3. La garanzia descritta nelle presenti condizioni sarà l'unica operante, con esclusione di qualsiasi ulteriore o diversa garanzia di legge.

### Art. 8 (resi)

8.1. Interpump non accetta resi da clienti per riparazione o altra causale, se non preventivamente concordati e autorizzati da Interpump stessa.

### Art. 9 (pagamenti)

9.1. I pagamenti dovranno essere effettuati alle condizioni concordate e indicate in fattura. In caso di mancato pagamento, Interpump si riserva di addebitare gli interessi di mora e le spese sostenute, come previsto dal D.Lgs 231/2002. L'inosservanza dei termini di pagamento dà facoltà a Interpump di sospendere l'evasione di ulteriori ordini. In caso di ritardo nei pagamenti, Interpump compenserà eventuali note di credito emesse, fino alla concorrenza del proprio credito.

### Art. 10 (Codice etico di Interpump)

10.1. La violazione, da parte del Cliente, delle norme del Codice Etico, costituisce inadempimento grave ex art. 1453 c.c. e potrà comportare anche la risoluzione del contratto e il risarcimento dei danni conseguenti.

### Art. 11 (foro competente)

11.1. Per ogni controversia relativa al contratto di vendita ed all'applicazione delle presenti condizioni sarà competente in via esclusiva il Foro di Reggio Emilia.