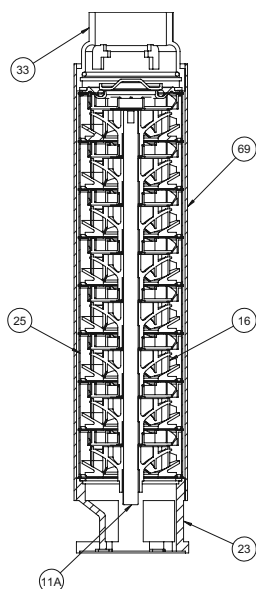




NOMENCLATURA PARTI DI RICAMBIO
SPARE PARTS LIST
NOMENCLATURE PIECES DE RECHANGE
NOMENCLATURA REPUESTOS



- 11A** Albero pompa – Pump shaft
Arbre pompe – Eje de la bomba
- 16** Girante – Impeller
Turbine – Impulsor
- 23** Corpo flangia aspirante – Suction flange body
Corp bride aspirant – Cuerpo brida entrega
- 25** Diffusore – Diffuser
Diffuseur – Difusor
- 33** Flangia mandata – Outlet flange
Bride envoyée – brida entrega
- 69** Camicia – Cover
Chemise – Camisa



POMPE SOMMERSE DA 4" IN ACCIAIO INOX

Le pompe sommerse da 4" della serie "ST" sono state progettate per essere installate in pozzi di almeno da Ø 4" (100mm) e per pompare acque pulite o con leggera presenza di sabbia (180 g/m² max.), senza corpi solidi in sospensione, non esplosivi o aggressivi per i materiali della pompa.

Temperatura max. del liquido fino a 35 °C per uso domestico (CEI EN 60335-2-41) o 40 °C per altri usi.

Grazie alle innovative giranti flottanti, oltre a ridurre i problemi di bloccaggio determinato dalla presenza di sabbia, riducono notevolmente la spinta assiale, dando quindi maggior durata al motore, esse poi sono protette da una particolare costruzione della valvola di non ritorno che essendo integrata nella testata preserva i giranti ed i diffusori dal peso della colonna d'acqua e da eventuali colpi d'ariete.

CARATTERISTICHE COSTRUTTIVE

- Testata pompa: in microfusione di acciaio inox Aisi 304
- Flangia di aspirazione: in microfusione di acciaio inox Aisi 304
- Valvola di non ritorno: in acciaio inox Aisi 304
- Albero pompa: in acciaio inox Aisi 304
- Camicia esterna e filtro: in acciaio inox Aisi 304
- Diffusori: Tecnopolimero
- Giranti: Tecnopolimero

POMPES IMMERGÉES DE 4" EN ACIER INOX

Les pompes immergées de 4" de la série "ST" ont été conçues pour être installées dans des puits d'au moins de Ø 4" (100mm) et pour pomper des eaux propres ou avec une légère présence de sable (180 g/m² max.), sans corps liquides en suspension, non explosifs ou agressifs pour les matériaux de la pompe.

Température max. du liquide jusqu'à 35 °C pour utilisation domestique (CEI EN 60335-2-41) ou 40 °C pour d'autres utilisations.

Grâce aux innovantes roues flottantes, en plus de réduire les problèmes de blocage déterminés par la présence de sable, elles réduisent notablement la poussée axiale, donnant ainsi une plus grande durée au moteur, elles sont ensuite protégées par une construction particulière du clapet de non-retour qui étant intégré dans la tête préserve les roues et les diffuseurs du poids de la colonne d'eau et d'éventuels coups de bélier.

CARACTERISTIQUES DE CONSTRUCTION

- Tête de pompe: moulage de précision d'acier inox Aisi 304
- bride d'accouplement: moulage de précision d'acier inox Aisi 304
- Clapet anti-retour: acier inox Aisi 304
- Abre de pompe: acier inox Aisi 304
- Chemise extérieures et le filtre: acier inox Aisi 304
- Diffuseurs: Tecnopolimère
- Turbine: Tecnopolimère

SUBMERSIBLE PUMPS FOR 4" WELLS IN STAINLESS STEEL

The 4" submersible pumps of the series "ST" have been designed to be installed in 4" wells (100mm) and to pump clean water or water with the slight presence of sand (180 g/m² max.), without suspended solids.

Temperatures not higher than 35 °C for domestic use (CEI EN 60335-2-41) or 40 °C for other use.

Thanks to the innovative floating impellers, besides that the blockage problems caused by the presence of sand are reduced, also the axial thrust is remarkably reduced granting a longer life to the motor. Further the particular construction of the non-return valve integrated in the upper head protects the impellers and diffusers from the weight of the column and eventual water hammers.

TECHNICAL FEATURES

- Upper head of the pump: in precision-cast stainless steel Aisi 304
- Suction flange: in precision-cast stainless steel Aisi 304
- Check valve: in stainless steel Aisi 304
- Pump shaft: in stainless steel Aisi 304
- Outside sleeve: in stainless steel Aisi 304
- Diffusers: Techno-polymer
- Impellers: Techno-polymer

BOMBAS SUMERGIDAS DE 4" EN ACERO INOX

Las bombas sumergidas de 4" de la serie "ST" han sido proyectadas para su instalación en pozos de al menos Ø 4" (100mm) y para el bombeo de aguas limpias o con ligera presencia de arena (180 g/m² max.), sin cuerpos sólidos en suspensión, que no sean explosivos ni agresivos para los materiales de la bomba.

Temperatura max. del líquido hasta 35 °C para uso doméstico (CEI EN 60335-2-41) o 40 °C para otros usos.

Gracias a los innovadores impulsores flotantes, además de reducir los problemas de bloqueo causado por la presencia de arena, moderan notablemente el empuje axial, dando por tanto una mayor duración al motor; estos además están protegidos por una construcción especial de la válvula de anti-retorno que al estar integrada en el cabezal preserva los impulsores y los difusores del peso de la columna de agua y de eventuales golpes de ariete.

CARACTERISTICAS DE CONSTRUCCIÓN

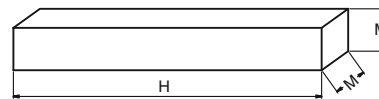
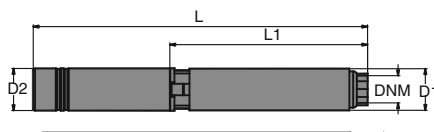
- Cabeza de la bomba: fundición en acero inoxidable AISI 304
- Brida de conexión: de fundición de acero inoxidable Aisi 304
- Válvula de retención: De acero Inox AISI 304
- Eje de la bomba: de acero Inox AISI304
- Camisa y filtro de aspiración: En acero Inox AISI 304
- Difusores: De tecnopolimero
- Rodetes: De tecnopolimero

50 HZ

| TIPO TYPE | Potenza nominale Nominal power | | Portata - Capacity | | | | | | | | | | | | | | | | | |
|--------------|---|------|---|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|------|
| | a | kW | HP | Q [m ³ /h] | 0 | 1,2 | 1,8 | 2,4 | 3 | 5,4 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 13,2 | 15,6 | 16,8 | 18 | 20,4 |
| | | | Q [l/1'] | 0 | 20 | 30 | 40 | 50 | 90 | 100 | 120 | 140 | 160 | 180 | 220 | 260 | 280 | 300 | 340 | |
| | | | Prevalenza (m C.A.) Total head (m W.C.) | | | | | | | | | | | | | | | | | |
| ST 50 - 05 | 0,37 | 0,5 | | 47 | 42 | 36 | 29 | 19 | | | | | | | | | | | | |
| ST 50 - 08 | 0,55 | 0,75 | | 67 | 60 | 52 | 41 | 27 | | | | | | | | | | | | |
| ST 50 - 10 | 0,74 | 1 | | 93 | 83 | 73 | 57 | 37 | | | | | | | | | | | | |
| ST 50 - 15 | 1,1 | 1,5 | | 133 | 119 | 104 | 82 | 53 | | | | | | | | | | | | |
| ST 50 - 20 | 1,47 | 2 | | 187 | 167 | 146 | 115 | 74 | | | | | | | | | | | | |
| ST 70 - 08 | 0,55 | 0,75 | | 54 | 51 | 49 | 43 | 38 | | | | | | | | | | | | |
| ST 70 - 10 | 0,74 | 1 | | 72 | 68 | 64 | 58 | 49 | | | | | | | | | | | | |
| ST 70 - 15 | 1,1 | 1,5 | | 106 | 101 | 95 | 83 | 70 | | | | | | | | | | | | |
| ST 70 - 20 | 1,47 | 2 | | 142 | 135 | 127 | 115 | 100 | | | | | | | | | | | | |
| ST 70 - 30 | 2,2 | 3 | | 206 | 200 | 187 | 165 | 138 | | | | | | | | | | | | |
| ST 100 - 08 | 0,55 | 0,75 | | 46 | | 42 | 40 | 31 | 13 | | | | | | | | | | | |
| ST 100 - 10 | 0,74 | 1 | | 59 | | 54 | 51 | 41 | 20 | | | | | | | | | | | |
| ST 100 - 15 | 1,1 | 1,5 | | 93 | | 86 | 81 | 66 | 33 | | | | | | | | | | | |
| ST 100 - 20 | 1,47 | 2 | | 120 | | 111 | 105 | 85 | 42 | | | | | | | | | | | |
| ST 100 - 30 | 2,2 | 3 | | 175 | | 161 | 152 | 123 | 61 | | | | | | | | | | | |
| ST 100 - 40 | 3 | 4 | | 231 | | 212 | 202 | 166 | 87 | | | | | | | | | | | |
| ST 100 - 55 | 4 | 5,5 | | 285 | | 280 | 248 | 198 | 100 | | | | | | | | | | | |
| ST 140 - 10 | 0,74 | 1 | H [m] | 42 | | | | 36 | 28 | 25 | 19 | | | | | | | | | |
| ST 140 - 15 | 1,1 | 1,5 | | 62 | | | | 53 | 41 | 38 | 29 | | | | | | | | | |
| ST 140 - 20 | 1,47 | 2 | | 90 | | | | 77 | 63 | 59 | 46 | | | | | | | | | |
| ST 140 - 30 | 2,2 | 3 | | 126 | | | | 107 | 86 | 80 | 62 | | | | | | | | | |
| ST 140 - 40 | 3 | 4 | | 169 | | | | 145 | 115 | 107 | 84 | | | | | | | | | |
| ST 140 - 55 | 4 | 5,5 | | 208 | | | | 178 | 143 | 132 | 103 | | | | | | | | | |
| ST 140 - 75 | 5,5 | 7,5 | | 302 | | | | 257 | 209 | 193 | 151 | | | | | | | | | |
| ST 200 - 20 | 1,47 | 2 | | 52 | | | | | | 46 | 43 | 39 | 35 | 29 | | | | | | |
| ST 200 - 30 | 2,2 | 3 | | 82 | | | | | | 71 | 66 | 59 | 50 | 40 | | | | | | |
| ST 200 - 40 | 3 | 4 | | 108 | | | | | | 94 | 87 | 79 | 70 | 58 | | | | | | |
| ST 200 - 55 | 4 | 5,5 | | 132 | | | | | | 111 | 103 | 93 | 82 | 68 | | | | | | |
| ST 200 - 75 | 5,5 | 7,5 | | 148 | | | | | | 127 | 118 | 108 | 95 | 79 | | | | | | |
| ST 200 - 100 | 7,5 | 10 | | 202 | | | | | | 172 | 160 | 143 | 125 | 105 | | | | | | |
| ST 400 - 30 | 2,2 | 3 | | 51 | | | | | | | | | | | 33 | 29 | 27 | 24 | 20 | |
| ST 400 - 40 | 3 | 4 | | 70 | | | | | | | | | | | 47 | 41 | 38 | 34 | 28 | |
| ST 400 - 55 | 4 | 5,5 | | 81 | | | | | | | | | | | 55 | 48 | 45 | 41 | 34 | |
| ST 400 - 75 | 5,5 | 7,5 | | 97 | | | | | | | | | | | 66 | 58 | 54 | 50 | 41 | |
| ST 400 - 100 | 7,5 | 10 | | 125 | | | | | | | | | | | 84 | 74 | 70 | 65 | 54 | |

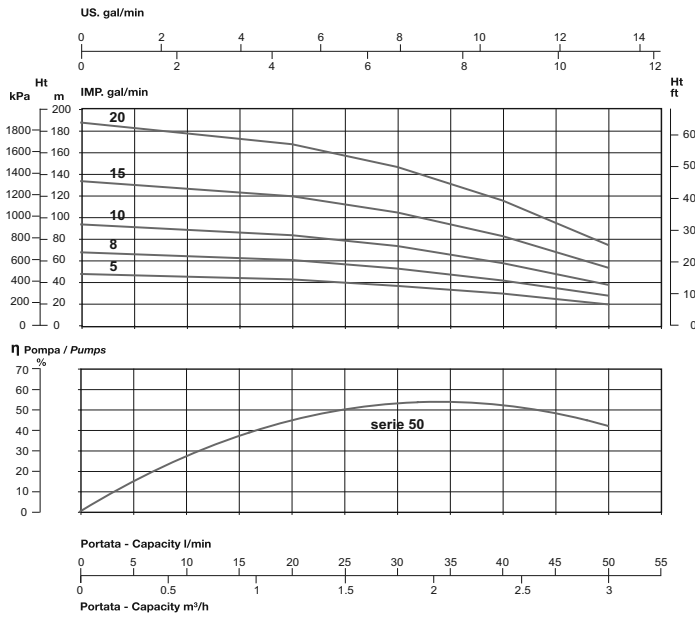
60 HZ

| TIPO TYPE | Potenza nominale Nominal power | | Portata - Capacity | | | | | | | | | | | | | | | | | |
|--------------|---|------|---|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|------|
| | a | kW | HP | Q [m ³ /h] | 0 | 1,5 | 1,8 | 2,4 | 3 | 3,6 | 4,8 | 5,4 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 15,6 | 18 | 20,4 |
| | | | Q [l/1'] | 0 | 25 | 30 | 40 | 50 | 60 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 260 | 300 | 340 | |
| | | | Prevalenza (m C.A.) Total head (m W.C.) | | | | | | | | | | | | | | | | | |
| ST 50 - 05 | 0,37 | 0,5 | | 67 | 58 | 55 | 49 | 39 | 27 | | | | | | | | | | | |
| ST 50 - 08 | 0,55 | 0,75 | | 96 | 85 | 81 | 71 | 58 | 40 | | | | | | | | | | | |
| ST 50 - 10 | 0,75 | 1 | | 115 | 102 | 98 | 85 | 68 | 47 | | | | | | | | | | | |
| ST 50 - 15 | 1,1 | 1,5 | | 168 | 152 | 147 | 128 | 102 | 70 | | | | | | | | | | | |
| ST 50 - 20 | 1,5 | 2 | | 195 | 177 | 168 | 146 | 118 | 82 | | | | | | | | | | | |
| ST 70 - 08 | 0,55 | 0,75 | | 67 | | 61 | 57 | 50 | 41 | | | | | | | | | | | |
| ST 70 - 10 | 0,75 | 1 | | 94 | | 85 | 78 | 69 | 58 | | | | | | | | | | | |
| ST 70 - 15 | 1,1 | 1,5 | | 116 | | 109 | 102 | 91 | 78 | | | | | | | | | | | |
| ST 70 - 20 | 1,5 | 2 | | 165 | | 154 | 143 | 128 | 109 | | | | | | | | | | | |
| ST 70 - 30 | 2,2 | 3 | | 204 | | 193 | 180 | 162 | 139 | | | | | | | | | | | |
| ST 100 - 08 | 0,55 | 0,75 | | 56 | | | | | 45 | 37 | 30 | 23 | | | | | | | | |
| ST 100 - 10 | 0,75 | 1 | | 75 | | | | | 61 | 49 | 41 | 32 | | | | | | | | |
| ST 100 - 15 | 1,1 | 1,5 | | 104 | | | | | 84 | 68 | 58 | 46 | | | | | | | | |
| ST 100 - 20 | 1,5 | 2 | | 133 | | | | | 108 | 88 | 75 | 61 | | | | | | | | |
| ST 100 - 30 | 2,2 | 3 | | 181 | | | | | 146 | 119 | 102 | 81 | | | | | | | | |
| ST 100 - 40 | 3 | 4 | | 238 | | | | | 192 | 158 | 136 | 110 | | | | | | | | |
| ST 140 - 10 | 0,74 | 1 | H [m] | 52 | | | | | 42 | 38 | 33 | 27 | 18 | | | | | | | |
| ST 140 - 15 | 1,1 | 1,5 | | 70 | | | | | 55 | 50 | 43 | 35 | 24 | | | | | | | |
| ST 140 - 20 | 1,47 | 2 | | 91 | | | | | 72 | 65 | 58 | 48 | 32 | | | | | | | |
| ST 140 - 30 | 2,2 | 3 | | 128 | | | | | 102 | 94 | 83 | 70 | 51 | | | | | | | |
| ST 140 - 40 | 3 | 4 | | 160 | | | | | 129 | 117 | 104 | 89 | 67 | | | | | | | |
| ST 140 - 55 | 4 | 5,5 | | 220 | | | | | 177 | 162 | 148 | 125 | 95 | | | | | | | |
| ST 140 - 75 | 5,5 | 7,5 | | 308 | | | | | 246 | 225 | 200 | 167 | 122 | | | | | | | |
| ST 200 - 20 | 1,47 | 2 | | 55 | | | | | | | | 45 | 42 | 38 | 35 | | | | | |
| ST 200 - 30 | 2,2 | 3 | | 74 | | | | | | | | 63 | 60 | 56 | 50 | | | | | |
| ST 200 - 40 | 3 | 4 | | 100 | | | | | | | | 83 | 78 | 73 | 66 | | | | | |
| ST 200 - 55 | 4 | 5,5 | | 139 | | | | | | | | 118 | 113 | 105 | 97 | | | | | |
| ST 200 - 75 | 5,5 | 7,5 | | 194 | | | | | | | | 162 | 154 | 145 | 134 | | | | | |
| ST 400 - 30 | 2,2 | 3 | | 45 | | | | | | | | | | | | | | 32 | 29 | 27 |
| ST 400 - 40 | 3 | 4 | | 61 | | | | | | | | | | | | | | 42 | 39 | 35 |
| ST 400 - 55 | 4 | 5,5 | | 88 | | | | | | | | | | | | | | 60 | 54 | 48 |
| ST 400 - 75 | 5,5 | 7,5 | | 126 | | | | | | | | | | | | | | 85 | 76 | 67 |

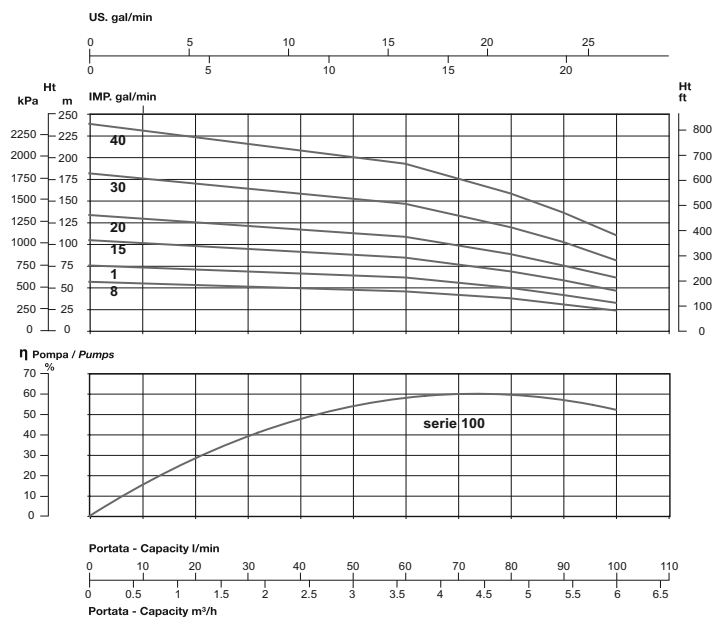
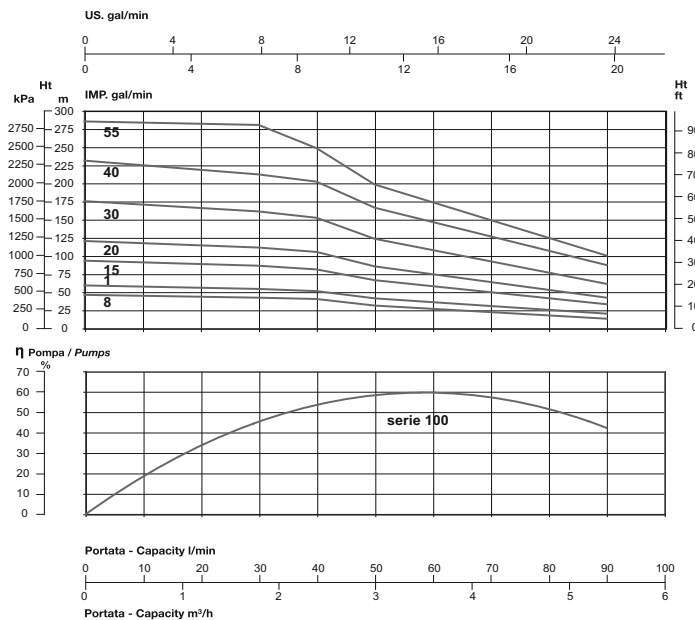
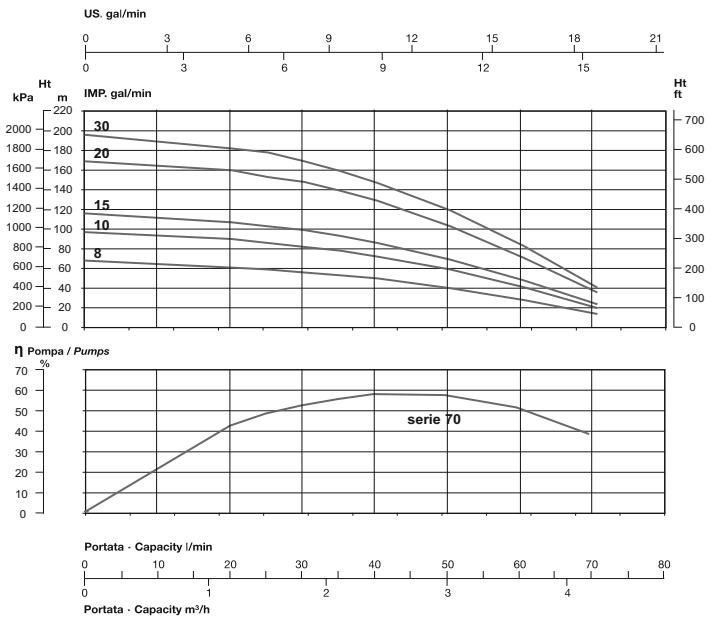
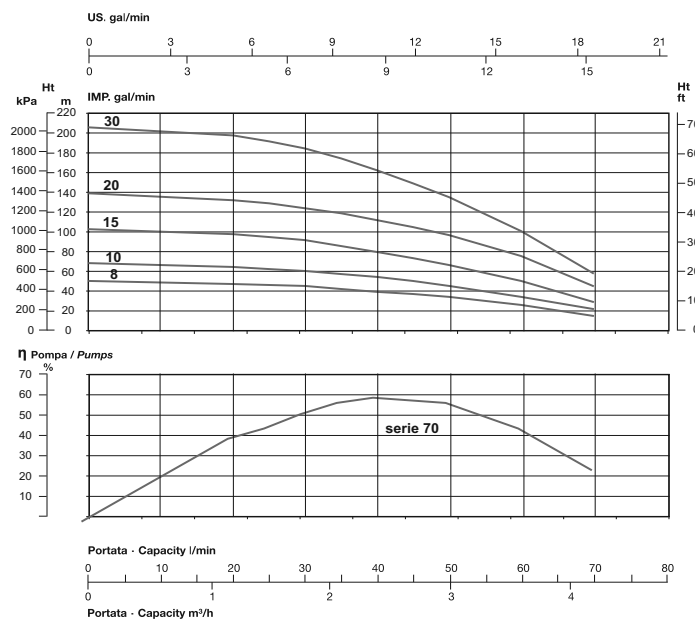
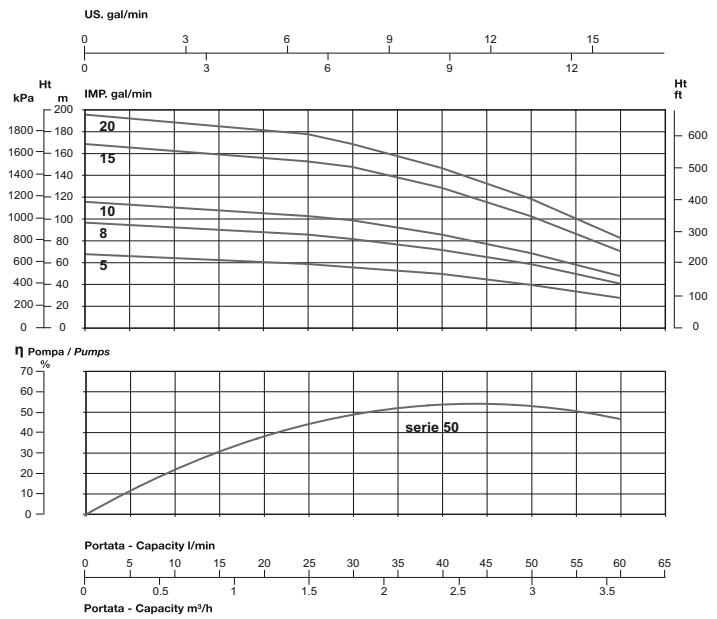


| TIPO TYPE | DIMENSIONI [mm] DIMENSIONS [mm] | | | | IMBALLO [mm] PACKING [mm] | | PESO [kg] WEIGHT [kg] | |
|--------------|------------------------------------|------|----|--------|------------------------------|-----|--------------------------|--------|
| | L1 | L | D1 | DNM | H | M | Pompa | Totale |
| ST 50 - 05 | 290 | 615 | 98 | 1" 1/4 | 665 | 160 | 2,9 | 9,9 |
| ST 50 - 08 | 332 | 657 | 98 | 1" 1/4 | 707 | 160 | 3,5 | 11,1 |
| ST 50 - 10 | 402 | 752 | 98 | 1" 1/4 | 802 | 160 | 4,2 | 12,9 |
| ST 50 - 15 | 507 | 902 | 98 | 1" 1/4 | 952 | 160 | 5,3 | 15,6 |
| ST 50 - 20 | 580 | 1000 | 98 | 1" 1/4 | 1050 | 160 | 7,1 | 19,1 |
| ST 70 - 08 | 283 | 608 | 98 | 1" 1/4 | 658 | 160 | 2,8 | 10,4 |
| ST 70 - 10 | 342 | 692 | 98 | 1" 1/4 | 742 | 160 | 3,4 | 12,1 |
| ST 70 - 15 | 430 | 825 | 98 | 1" 1/4 | 875 | 160 | 4,2 | 14,5 |
| ST 70 - 20 | 519 | 939 | 98 | 1" 1/4 | 989 | 160 | 5 | 17 |
| ST 70 - 30 | 749 | 1219 | 98 | 1" 1/4 | 1269 | 160 | 7,1 | 21,3 |
| ST 100 - 08 | 301 | 626 | 98 | 1" 1/4 | 676 | 160 | 3 | 10,6 |
| ST 100 - 10 | 344 | 694 | 98 | 1" 1/4 | 744 | 160 | 3,3 | 12 |
| ST 100 - 15 | 452 | 847 | 98 | 1" 1/4 | 897 | 160 | 4,1 | 14,4 |
| ST 100 - 20 | 538 | 958 | 98 | 1" 1/4 | 1008 | 160 | 4,7 | 16,7 |
| ST 100 - 30 | 757 | 1227 | 98 | 1" 1/4 | 1277 | 160 | 6,2 | 20,4 |
| ST 100 - 40 | 934 | 1478 | 98 | 1" 1/4 | 1528 | 160 | 7,9 | 23,4 |
| ST 100 - 55 | 1128 | 1702 | 98 | 1" 1/4 | 1752 | 160 | 9,3 | 24,8 |
| ST 140 - 10 | 390 | 740 | 98 | 2" | 790 | 160 | 3,7 | 12,4 |
| ST 140 - 15 | 483 | 878 | 98 | 2" | 928 | 160 | 4,6 | 14,9 |
| ST 140 - 20 | 607 | 1027 | 98 | 2" | 1077 | 160 | 5,7 | 17,7 |
| ST 140 - 30 | 831 | 1301 | 98 | 2" | 1351 | 160 | 7,5 | 21,7 |
| ST 140 - 40 | 1048 | 1592 | 98 | 2" | 1642 | 160 | 9,8 | 28,8 |
| ST 140 - 55 | 1318 | 1892 | 98 | 2" | 1942 | 160 | 12,2 | 32,2 |
| ST 140 - 75 | 1802 | 2446 | 98 | 2" | 2496 | 160 | 15,9 | 38,3 |
| ST 200 - 20 | 418 | 838 | 98 | 2" | 888 | 160 | 4 | 16 |
| ST 200 - 30 | 573 | 1043 | 98 | 2" | 1093 | 160 | 5,5 | 19,7 |
| ST 200 - 40 | 697 | 1241 | 98 | 2" | 1291 | 160 | 6,6 | 25,6 |
| ST 200 - 55 | 859 | 1433 | 98 | 2" | 1483 | 160 | 7,8 | 27,8 |
| ST 200 - 75 | 921 | 1565 | 98 | 2" | 1615 | 160 | 8,4 | 30,8 |
| ST 200 - 100 | 1236 | 2041 | 98 | 2" | 2091 | 160 | 11 | 38 |
| ST 400 - 30 | 675 | 1145 | 98 | 2" | 1195 | 160 | 6,3 | 20,5 |
| ST 400 - 40 | 880 | 1424 | 98 | 2" | 1474 | 160 | 8,1 | 27,1 |
| ST 400 - 55 | 1013 | 1587 | 98 | 2" | 1637 | 160 | 9,3 | 29,3 |
| ST 400 - 75 | 1149 | 1793 | 98 | 2" | 1843 | 160 | 10,6 | 33 |
| ST 400 - 100 | 1489 | 2294 | 98 | 2" | 2344 | 160 | 13,5 | 40,5 |

min⁻¹ ~ 2900

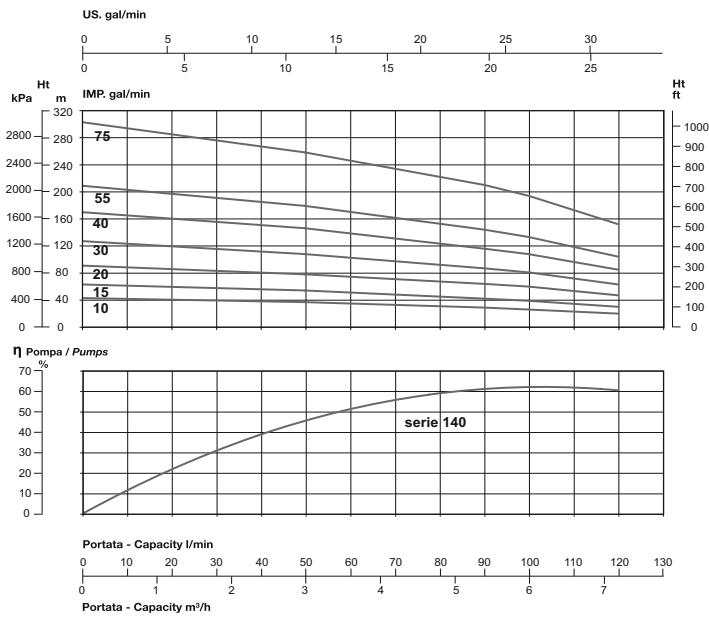


min⁻¹ ~ 3400





min⁻¹ ~ 2900



min⁻¹ ~ 3400

