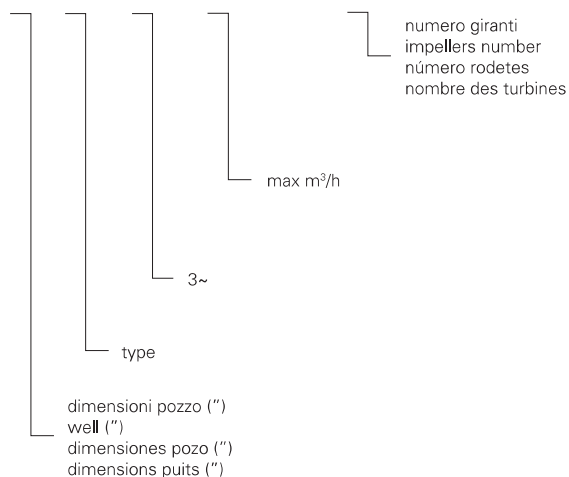


**CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES
 CARACTERÍSTICAS CONSTRUCTIVAS / CARACTÉRISTIQUES D'EXÉCUTION**

| | |
|--------------------------------------|---|
| Bocca di mandata | ottone o acciaio inox (AISI 304) |
| Delivery outlet | brass or stainless steel (AISI 304) |
| Boca de impulsión | latón o en acero inoxidable (AISI 304) |
| Bouche de refoulement | laiton ou en acier inoxydable (AISI 304) |
| Camicia esterna | acciaio inox |
| External jacket | stainless steel |
| Camisa exterior | acero inoxidable |
| Chemise extérieur | acier inoxydable |
| Giranti e diffusori | polycarbonato alimentare con anelli di rasamento in acciaio inox |
| Impellers and diffusers | foodstuff polycarbonate with wearing rings in stainless steel |
| Rodetes y difusores | polycarbonato alimentario con anillos de cota de acero inoxidable |
| Turbines et diffuseurs | polycarbonate alimentaire avec anneaux de raglage en acier inoxydable |
| Bronzina superiore | bronzo, a richiesta in gomma antisabbia |
| Upper bushings | bronze, on request in sand resistant rubber |
| Cojinete superior | bronze, o sobre pedido de goma antiarena |
| Coussinet de bague supérieur | bronze, ou sur demande en caoutchouc antisable |
| Albero corpo pompa | acciaio inox |
| Shaft pump side | stainless steel |
| Eje cuerpo bomba | acero inoxidable |
| Arbre pompe | acier inoxydable |
| Temperatura del liquido | |
| Liquid temperature | max 40 °C |
| Temperatura del liquido | |
| Température du liquide | |
| Quantità di sabbia nell'acqua | |
| Quantity of sand in the water | max 40 g/m ³ |
| Cantidad de arena en el agua | |
| Quantité de sable dans l'eau | |

MOTORE / MOTOR / MOTOR / MOTEUR

| | |
|-----------------------------|--|
| Asincrono 2 poli | incapsulato Franklin non riavvolgibile (cod.WF) o riavvolgibile in bagno d'olio (cod.OF) |
| Asynchronous 2 pole | encapsulated Franklin not rewound (cod.WF) or rewound in oil bath (cod.OF) |
| Asincrono 2 polos | encapsulado Franklin no bobinabile (cod.WF) o bobinabile en baño de aceite (cod.OF). |
| Asinchrone 2 pôles | encapsulé Franklin non re-enroulable (cod.WF) enroulable en bain d'huile (cod.OF) |
| Classe di isolamento | |
| Insulation class | B |
| Clase de aislamiento | |
| Classe d'isolation | |
| Grado di protezione | |
| Protection degree | IP58 |
| Grado de protección | |
| Protection | |

4 S (T) 24 - 7


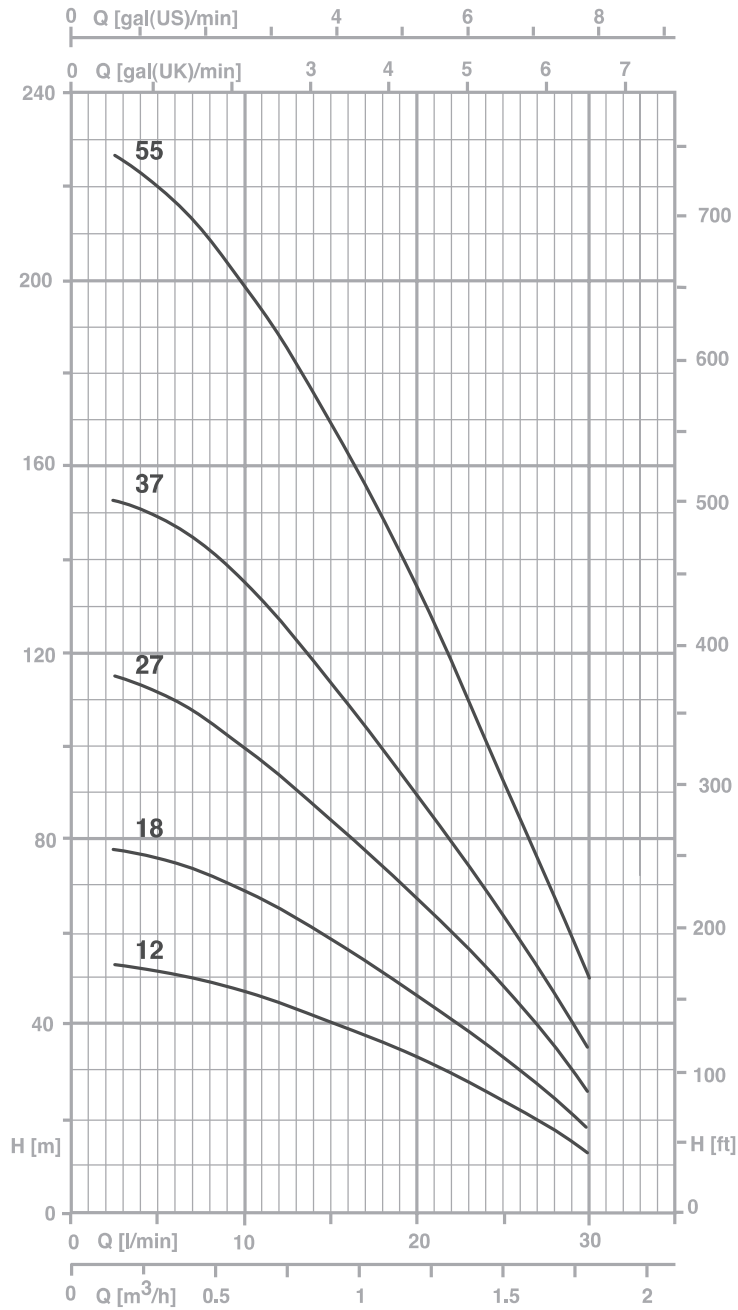
Pompe sommerse centrifughe multistadio per pozzi da 4". Valvola di ritegno incorporata nella bocca di mandata. Flangia di accoppiamento al motore predisposta secondo le normative NEMA. Applicazioni civili e agricole sono tra le più comuni.

Submersible multistage centrifugal pumps for 4" wells. Check valve built into the delivery outlet. Pump flange for coupling with motors are made according to NEMA standards. Most common applications are civil and agricultural.

Bombas sumergibles para pozos de 4". Válvula de retención incorporada en la boca de impulsión. Brida de conexión al motor según norma NEMA. Utilizadas en particular para aplicaciones civiles y agrícolas.

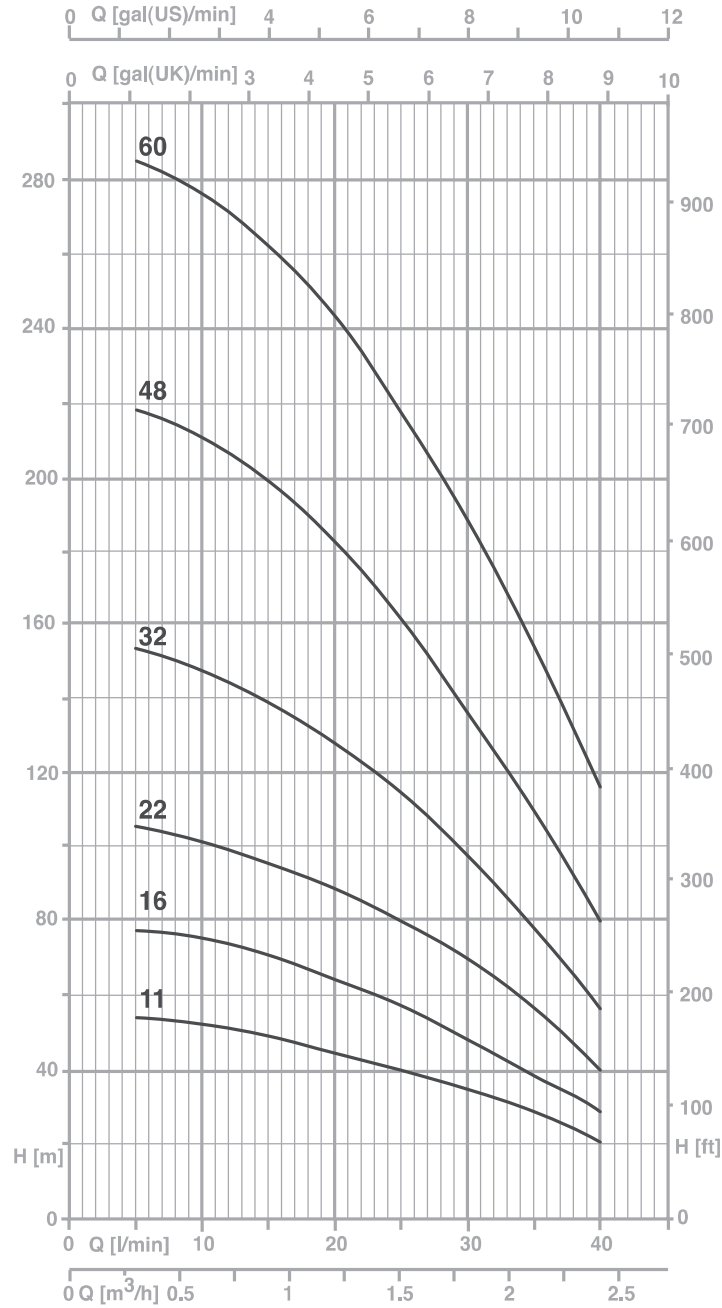
Pompes immergées centrifuges multietagées pour puits de 4". Clapet de retenue incorporé dans l'orifice de refoulement. Bride d'accouplement au moteur est exécutée selon normes NEMA. Les applications civiles et agricoles sont parmi les plus communes.

2



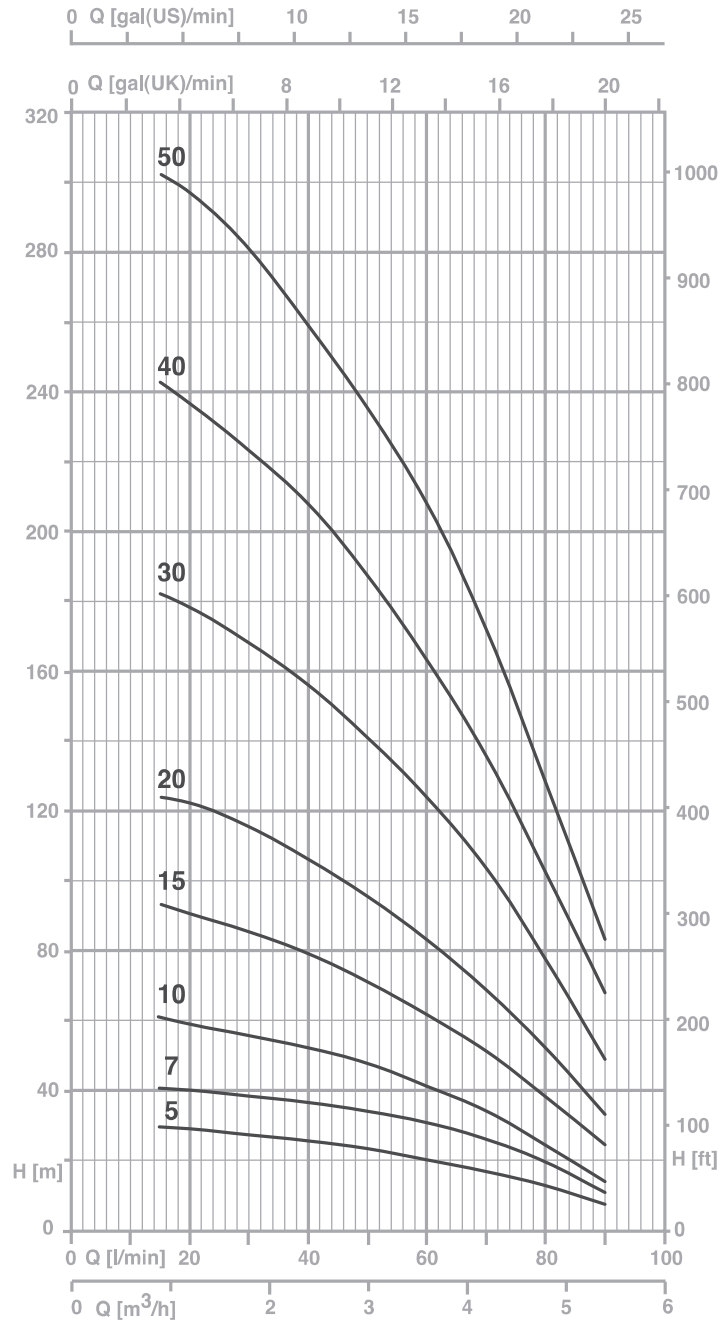
| TYPE | | P2 | | Q (m³/h - l/min) | | | | | | |
|--------|---------|------|------|------------------|-----|-----|-----|-----|-----|-----|
| 1~ | 3~ | | | 0,15 | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 |
| | | | | 2,5 | 5 | 10 | 15 | 20 | 25 | 30 |
| | | (HP) | (kW) | H (m) | | | | | | |
| 4S2-12 | - | 0,33 | 0,25 | 53 | 51 | 46 | 40 | 33 | 24 | 13 |
| 4S2-18 | 4ST2-18 | 0,5 | 0,37 | 78 | 75 | 67 | 57 | 46 | 33 | 18 |
| 4S2-27 | 4ST2-27 | 0,75 | 0,55 | 115 | 111 | 99 | 85 | 67 | 48 | 26 |
| 4S2-37 | 4ST2-37 | 1 | 0,74 | 153 | 149 | 133 | 114 | 90 | 63 | 35 |
| 4S2-55 | 4ST2-55 | 1,5 | 1,1 | 231 | 220 | 196 | 168 | 134 | 93 | 49 |

3



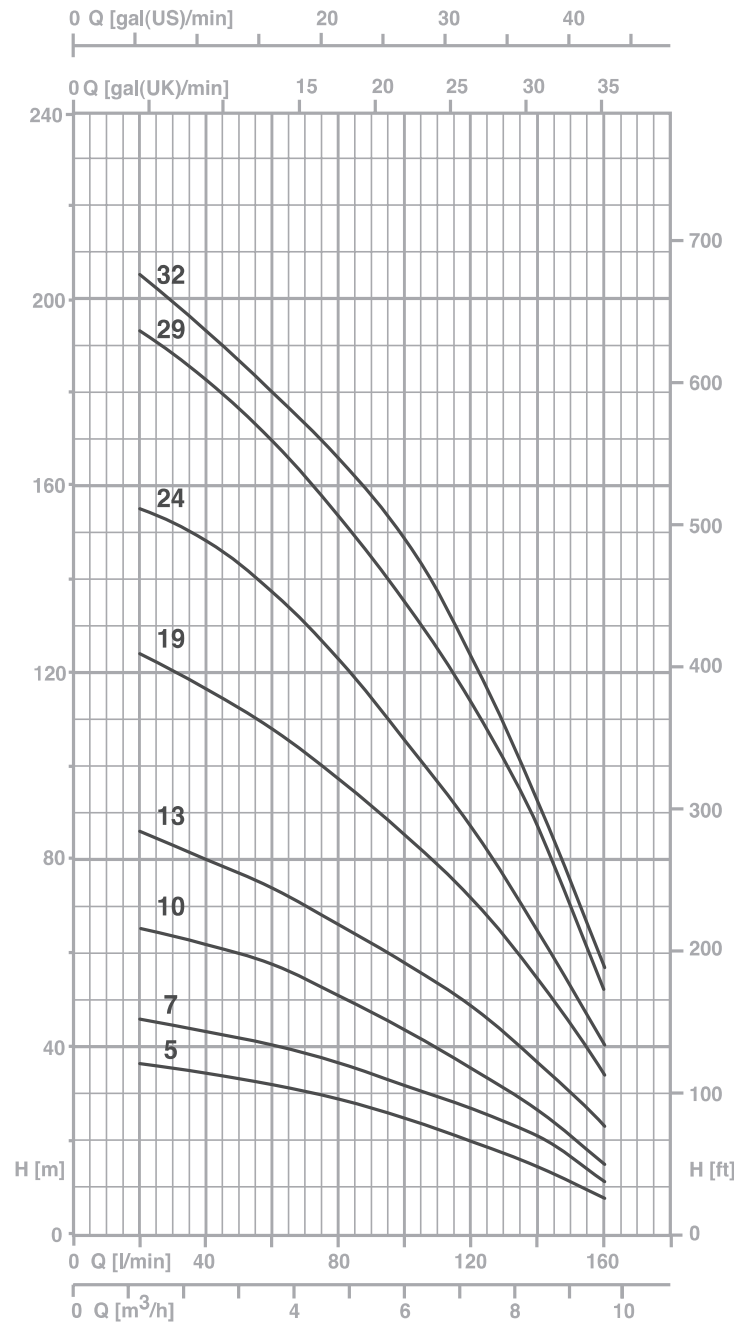
| TYPE | | P2 | | Q (m³/h - l/min) | | | | | | | |
|--------|---------|------|------|------------------|-----|-----|-----|-----|-----|-----|-----|
| 1~ | 3~ | | | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 |
| | | | | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 |
| | | (HP) | (kW) | H (m) | | | | | | | |
| 4S3-11 | 4ST3-11 | 0,5 | 0,37 | 54 | 51 | 48 | 44 | 40 | 34 | 28 | 20 |
| 4S3-16 | 4ST3-16 | 0,75 | 0,55 | 78 | 75 | 70 | 65 | 58 | 49 | 39 | 29 |
| 4S3-22 | 4ST3-22 | 1 | 0,74 | 106 | 102 | 96 | 89 | 80 | 69 | 57 | 40 |
| 4S3-32 | 4ST3-32 | 1,5 | 1,1 | 153 | 147 | 138 | 127 | 115 | 99 | 79 | 58 |
| 4S3-46 | 4ST3-46 | 2 | 1,5 | 218 | 210 | 198 | 183 | 162 | 137 | 110 | 80 |
| 4S3-60 | 4ST3-60 | 3 | 2,2 | 284 | 274 | 262 | 243 | 218 | 188 | 154 | 116 |

6



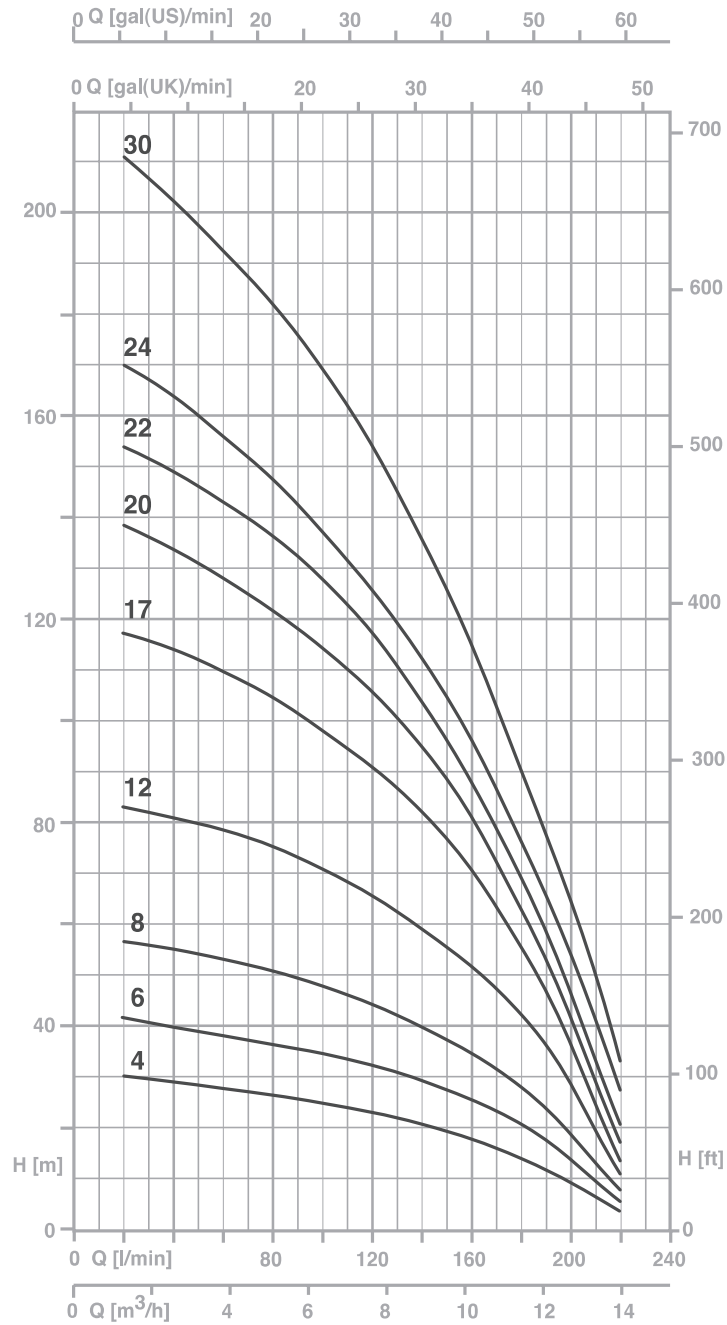
| TYPE | | P2 | | Q (m³/h - l/min) | | | | | | | | |
|--------|---------|------|------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1~ | 3~ | | | 0,9 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,2 | 4,8 | 5,4 |
| | | | | 15 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |
| | | | | H (m) | | | | | | | | |
| | | (HP) | (kW) | | | | | | | | | |
| 4S6-5 | 4ST6-5 | 0,5 | 0,37 | 30 | 29 | 27 | 25 | 23 | 21 | 17 | 13 | 9 |
| 4S6-7 | 4ST6-7 | 0,75 | 0,56 | 42 | 41 | 39 | 36 | 34 | 30 | 26 | 20 | 12 |
| 4S6-10 | 4ST6-10 | 1 | 0,74 | 62 | 58 | 54 | 50 | 47 | 42 | 35 | 26 | 16 |
| 4S6-15 | 4ST6-15 | 1,5 | 1,1 | 93 | 91 | 85 | 79 | 72 | 61 | 52 | 39 | 26 |
| 4S6-20 | 4ST6-20 | 2 | 1,5 | 124 | 122 | 115 | 105 | 96 | 84 | 69 | 52 | 34 |
| 4S6-30 | 4ST6-30 | 3 | 2,2 | 182 | 179 | 168 | 154 | 142 | 124 | 104 | 78 | 49 |
| - | 4ST6-40 | 4 | 3 | 242 | 236 | 223 | 207 | 187 | 163 | 136 | 102 | 68 |
| - | 4ST6-50 | 5,5 | 4 | 303 | 298 | 279 | 259 | 238 | 208 | 172 | 130 | 83 |

10



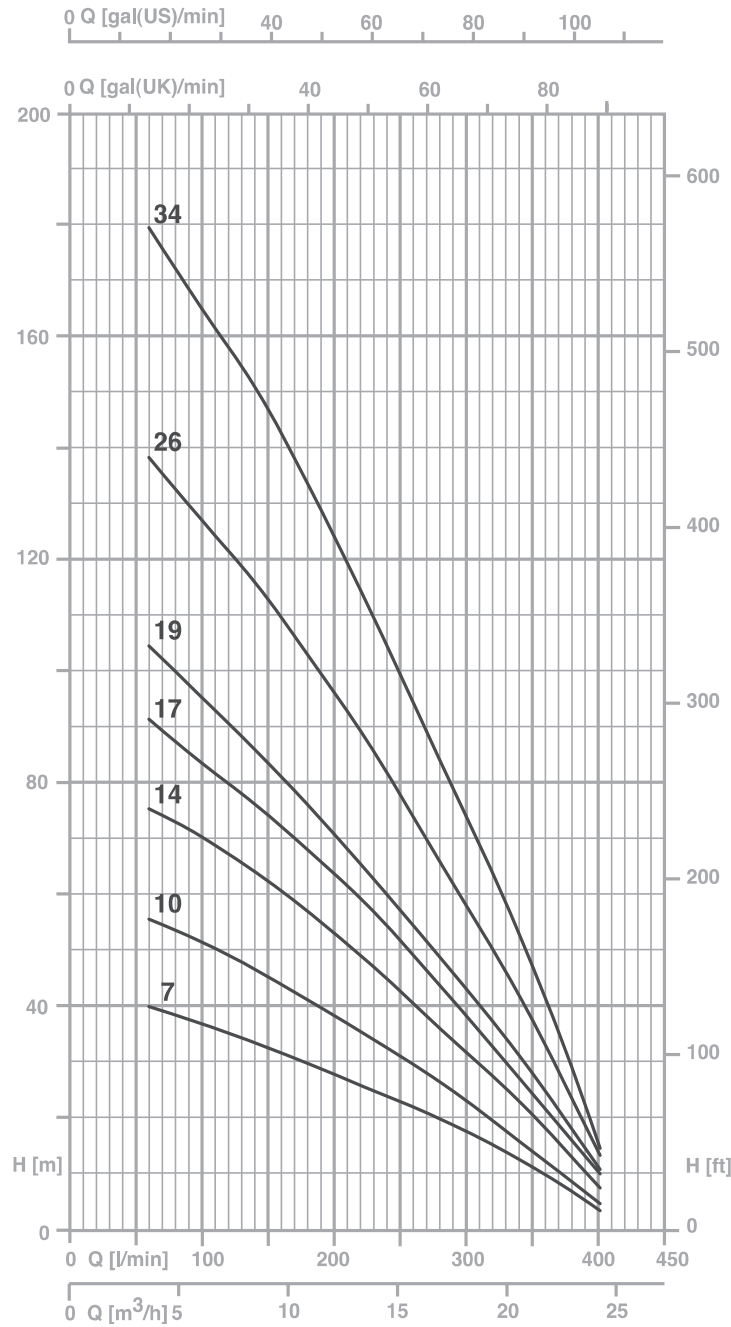
| TYPE | | P2 | | Q (m³/h - l/min) | | | | | | | |
|---------|----------|------|------|------------------|-----|-----|-----|-----|-----|-----|-----|
| 1~ | 3~ | | | 1,2 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 |
| | | | | H (m) | | | | | | | |
| | | (HP) | (kW) | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 |
| 4S10-5 | 4ST10-5 | 0,75 | 0,56 | 35 | 32 | 29 | 26 | 23 | 19 | 14 | 10 |
| 4S10-7 | 4ST10-7 | 1 | 0,74 | 46 | 44 | 40 | 36 | 31 | 26 | 21 | 12 |
| 4S10-10 | 4ST10-10 | 1,5 | 1,1 | 66 | 62 | 58 | 50 | 43 | 36 | 26 | 16 |
| 4S10-13 | 4ST10-13 | 2 | 1,5 | 85 | 80 | 74 | 66 | 58 | 48 | 36 | 22 |
| 4S10-19 | 4ST10-19 | 3 | 2,2 | 125 | 118 | 108 | 96 | 85 | 72 | 56 | 35 |
| - | 4ST10-24 | 4 | 3 | 156 | 148 | 138 | 124 | 106 | 86 | 64 | 40 |
| - | 4ST10-29 | 5 | 3,7 | 195 | 184 | 169 | 154 | 136 | 115 | 87 | 52 |
| - | 4ST10-32 | 5,5 | 4 | 205 | 194 | 180 | 166 | 148 | 122 | 93 | 57 |

14

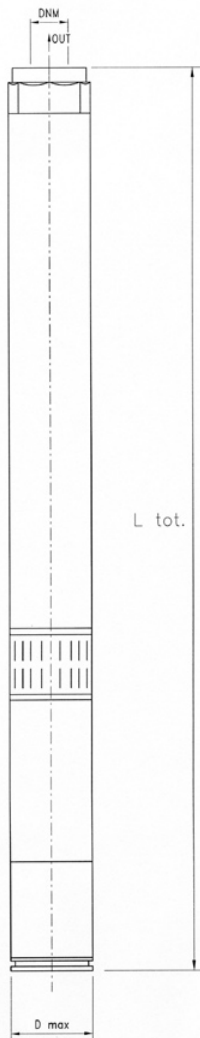


| TYPE | | P2 | | Q (m³/h - l/min) | | | | | | | |
|---------|----------|-------|------|------------------|-----|-----|-----|-----|-----|------|------|
| 1~ | 3~ | | | 1,2 | 2,4 | 3,6 | 4,8 | 6 | 8,4 | 10,8 | 13,2 |
| | | | | 20 | 40 | 60 | 80 | 100 | 140 | 180 | 220 |
| | | H (m) | | | | | | | | | |
| | | (HP) | (kW) | | | | | | | | |
| 4S14-4 | 4ST14-4 | 1 | 0,74 | 30 | 29 | 28 | 27 | 24 | 21 | 15 | 6 |
| 4S14-6 | 4ST14-6 | 1,5 | 1,1 | 42 | 40 | 39 | 37 | 34 | 29 | 21 | 9 |
| 4S14-8 | 4ST14-8 | 2 | 1,5 | 57 | 55 | 53 | 51 | 47 | 40 | 29 | 10 |
| 4S14-12 | 4ST14-12 | 3 | 2,2 | 83 | 81 | 79 | 74 | 70 | 59 | 43 | 12 |
| - | 4ST14-17 | 4 | 3 | 119 | 115 | 111 | 105 | 98 | 83 | 57 | 16 |
| - | 4ST14-20 | 5 | 3,7 | 139 | 133 | 128 | 122 | 113 | 95 | 65 | 19 |
| - | 4ST14-22 | 5,5 | 4 | 154 | 148 | 143 | 137 | 126 | 105 | 71 | 21 |
| - | 4ST14-24 | 5,5 | 4 | 169 | 163 | 154 | 146 | 135 | 115 | 77 | 27 |
| - | 4ST14-30 | 7,5 | 5,5 | 211 | 202 | 193 | 182 | 168 | 135 | 91 | 32 |

24



| TYPE | | P2 | | Q (m³/h - l/min) | | | | | | | |
|---------|----------|------|------|------------------|-----|-----|------|------|------|------|-----|
| 1~ | 3~ | | | 3,6 | 6 | 8,4 | 10,8 | 13,2 | 16,8 | 20,4 | 24 |
| | | | | 60 | 100 | 140 | 180 | 220 | 280 | 340 | 400 |
| | | (HP) | (kW) | H (m) | | | | | | | |
| 4S24-7 | 4ST24-7 | 2 | 1,5 | 40 | 37 | 34 | 30 | 26 | 20 | 13 | 5 |
| 4S24-10 | 4ST24-10 | 3 | 2,2 | 56 | 52 | 46 | 42 | 36 | 27 | 17 | 6 |
| - | 4ST24-14 | 4 | 3 | 76 | 71 | 65 | 57 | 49 | 37 | 23 | 7 |
| - | 4ST24-17 | 5 | 3,7 | 92 | 85 | 77 | 68 | 59 | 44 | 27 | 10 |
| - | 4ST24-19 | 5,5 | 4 | 105 | 96 | 86 | 77 | 66 | 49 | 31 | 11 |
| - | 4ST24-26 | 7,5 | 5,5 | 138 | 128 | 117 | 105 | 89 | 65 | 41 | 13 |
| - | 4ST24-34 | 10 | 7,5 | 180 | 166 | 151 | 133 | 116 | 85 | 52 | 15 |



| TYPE | DIMENSIONS (mm) | | | | Kg | |
|--------|-----------------|-----------|-----------|----------|------|------|
| | D max | L tot. 1~ | L tot. 3~ | DNM | 1~ | 3~ |
| 4S2-12 | 96 | 826 | - | 1" 1/4 G | 11.4 | - |
| 4S2-18 | 96 | 966 | 946 | 1" 1/4 G | 13 | 12.1 |
| 4S2-27 | 96 | 1171 | 1141 | 1" 1/4 G | 15.5 | 14.3 |
| 4S2-37 | 96 | 1401 | 1371 | 1" 1/4 G | 18.1 | 16.7 |
| 4S2-55 | 96 | 1836 | 1796 | 1" 1/4 G | 22.5 | 20.5 |

| | | | | | | |
|--------|----|------|------|----------|------|------|
| 4S3-11 | 96 | 826 | 806 | 1" 1/4 G | 12.2 | 11.3 |
| 4S3-16 | 96 | 956 | 926 | 1" 1/4 G | 14 | 12.8 |
| 4S3-22 | 96 | 1106 | 1076 | 1" 1/4 G | 16.1 | 14.7 |
| 4S3-32 | 96 | 1341 | 1301 | 1" 1/4 G | 19.2 | 17.2 |
| 4S3-46 | 96 | 1676 | 1616 | 1" 1/4 G | 23.9 | 20.9 |
| 4S3-60 | 96 | 1996 | 1996 | 1" 1/4 G | 26.2 | 25.8 |

| | | | | | | |
|--------|----|------|------|----------|------|------|
| 4S6-5 | 96 | 771 | 751 | 1" 1/4 G | 12 | 11.1 |
| 4S6-7 | 96 | 866 | 836 | 1" 1/4 G | 13.6 | 12.4 |
| 4S6-10 | 96 | 991 | 961 | 1" 1/4 G | 15.6 | 14.2 |
| 4S6-15 | 96 | 1191 | 1151 | 1" 1/4 G | 18.5 | 16.5 |
| 4S6-20 | 96 | 1416 | 1356 | 1" 1/4 G | 22.4 | 19.4 |
| 4S6-30 | 96 | 1736 | 1736 | 1" 1/4 G | 24.8 | 24.4 |
| 4S6-40 | 96 | - | 2263 | 1" 1/4 G | - | 35.7 |
| 4S6-50 | 96 | - | 2698 | 1" 1/4 G | - | 41.5 |

| | | | | | | |
|---------|----|------|------|------|------|------|
| 4S10-5 | 96 | 916 | 866 | 2" G | 13.8 | 12.6 |
| 4S10-7 | 96 | 1051 | 1121 | 2" G | 15.4 | 14 |
| 4S10-10 | 96 | 1251 | 1211 | 2" G | 18.5 | 16.5 |
| 4S10-13 | 96 | 1471 | 1411 | 2" G | 22.2 | 19.2 |
| 4S10-19 | 96 | 1766 | 1786 | 2" G | 24.3 | 23.9 |
| 4S10-24 | 96 | - | 2313 | 2" G | - | 35.2 |
| 4S10-29 | 96 | - | 2648 | 2" G | - | 39.7 |
| 4S10-32 | 96 | - | 2808 | 2" G | - | 40.6 |

| | | | | | | |
|---------|----|------|------|------|------|------|
| 4S14-4 | 96 | 896 | 866 | 2" G | 14.9 | 13.5 |
| 4S14-6 | 96 | 1041 | 1001 | 2" G | 17.3 | 15.3 |
| 4S14-8 | 96 | 1206 | 1146 | 2" G | 20.7 | 17.7 |
| 4S14-12 | 96 | 1416 | 1416 | 2" G | 22.1 | 21.7 |
| 4S14-17 | 96 | - | 1888 | 2" G | - | 32.4 |
| 4S14-20 | 96 | - | 2173 | 2" G | - | 37 |
| 4S14-22 | 96 | - | 2278 | 2" G | - | 37.7 |
| 4S14-24 | 96 | - | 2383 | 2" G | - | 38.2 |
| 4S14-30 | 96 | - | 2703 | 2" G | - | 40.5 |

| | | | | | | |
|---------|----|------|------|------|------|------|
| 4S24-7 | 96 | 1341 | 1281 | 2" G | 21.5 | 18.5 |
| 4S24-10 | 96 | 1576 | 1576 | 2" G | 23.1 | 21.7 |
| 4S24-14 | 96 | - | 2163 | 2" G | - | 34 |
| 4S24-17 | 96 | - | 2463 | 2" G | - | 38.5 |
| 4S24-19 | 96 | - | 2623 | 2" G | - | 39.5 |
| 4S24-26 | 96 | - | 3233 | 2" G | - | 42.6 |
| 4S24-34 | 96 | - | 4024 | 2" G | - | 53 |