

ELETTROPOMPE SOMMERSE 8" SEMIASSIALI

8" SEMI-AXIAL SUBMERSIBLE ELECTRIC PUMPS

ELECTROBOMBAS SUMERGIDAS SEMIAJIALES 8"



ITALIANO

IMPIEGHI

Idonea per il sollevamento, la pressurizzazione e distribuzione in impianti civili ed industriali, alimentazione di autoclavi e cisterne, impianti di lavaggio, sistemi di irrigazione, con prelievo da pozzi con diametro minimo 210 mm, vasche o bacini naturali.

CARATTERISTICHE COSTRUTTIVE

6S181: gruppo elettropompa completo con motore a bagno d'acqua 6" serie MS152 (fino a 37 kW) o con motore a bagno d'acqua 8" serie MS201 (a partire da 45 kW)
SP181: parte idraulica accoppiabile a motori sommersi 6" con attacco secondo NEMA MG1-18.401-18.413 o 8" con attacco secondo NEMA MG1-18.414-18.424
Giranti semiaiali.
Bocca di mandata completa di valvola di ritegno.
Controspinta: pompa dotata di anello di controspinta in resina anti-usura.
Bussole di guida in gomma anti-usura con camicia metallica.
Diffusore completo di anello di usura in gomma antiusura.
Componenti realizzati con materiali particolari che assicurano una forte resistenza all'usura.

MATERIALI - VERSIONI STANDARD

Giranti: ghisa EN-GJL-250 o acciaio G20Mn5 (1.6220 exFeG450).
Diffusori: ghisa EN-GJL-250 o acciaio G20Mn5 (1.6220 exFeG450).
Albero in acciaio inossidabile AISI431, a profilo scanalato.
Bocca di mandata: ghisa EN-GJL-250 o acciaio G20Mn5 (1.6220 exFeG450).
Supporto di aspirazione: ghisa EN-GJL-250 o acciaio G20Mn5 (1.6220 exFeG450).
Dimensioni e tipologia bocche di mandata:

| Tipologia bocche di mandata | 6S181 | 6SB181 | 6XS181/6XVS181 |
|-----------------------------|-------------|----------|----------------|
| Filettata 5" G | Standard | / | / |
| Filettata 6" G | / | Standard | Standard |
| Flangiata | A richiesta | / | / |
| Filettata 5" NPT | A richiesta | / | / |

DATI CARATTERISTICI

Fluido: chimicamente e meccanicamente non aggressivo, privo di corpi solidi o particelle abrasive.
Passaggio corpi solidi: max 3 mm. Granulometria max 50 g/m³
Temperatura del liquido pompato: min 0°C max 30°C (oltre, chiedere informazioni).
Pressione massima di esercizio: 43 bar.
Profondità massima di immersione: 300 m
Senso di rotazione: orario, osservando dalla bocca di mandata.
Prestazioni a 3600 1/min
6S181 A Qmax: 96 m³/h / Hmax: 390 m
6S181 B Qmax: 160 m³/h / Hmax: 432 m
6S181 C Qmax: 210 m³/h / Hmax: 360 m
6S181 D Qmax: 260 m³/h / Hmax: 264 m

TOLLERANZE PRESTAZIONI

Pompe: UNI EN ISO 9906 Appendice A, a richiesta Livello 1.
Motore: norme IEC 60034-1.

INSTALLAZIONE

Verticale / orizzontale in funzione della potenza.

VERSIONI SPECIALI

Serie 6XS e 6XVS interamente in acciaio inossidabile. Serie 6SB in bronzo marino (fino a max 25 bar)
Tensioni diverse

ACCESSORI A RICHIESTA

Quadro elettrico
Giunzione per cavo di alimentazione

ENGLISH

APPLICATION

Suitable for lifting, pressurising and distribution in civil and industrial installations, autoclave and cistern inlets, washing plants, irrigation systems. Draws from wells of min. diameter of 210 mm, tanks or natural basins.

CONSTRUCTION FEATURES

6S181: complete unit of pump with 6" water filled electric motor MS152 series (up to 37 kW) or 8" water filled electric motor MS201 series (from 45 kW).
SP181: hydraulic part to be connected with 6" submersible motors with coupling following NEMA MG1-18.401-18.413 or 8" submersible motors with coupling following NEMA MG1-18.414-18.424
Semiaxial impellers.
Outlet complete with non return valve.
Pump equipped with counter trust ring in anti-wear resin. Diffuser complete with wear ring in anti-wear rubber.
Driving bushings in anti-wear rubber with metallic shell.
Components realized with particular materials which assure an high wear resistance.

MATERIALS - STANDARD VERSION

Impellers: cast iron EN-GJL-250 or G20Mn5 (1.6220 exFeG450) steel.
Diffusers: cast iron EN-GJL-250 or G20Mn5 (1.6220 exFeG450) steel.
Shaft in AISI431 stainless steel, with grooved profile.
Outlet: cast iron EN-GJL-250 or G20Mn5 (1.6220 exFeG450) steel.
Suction support: cast iron EN-GJL-250 or G20Mn5 (1.6220 exFeG450) steel.
Dimensions and type of outlet:

| Outlet type | 6S181 | 6SB181 | 6XS181/6XVS181 |
|--------------------|--------------|----------|----------------|
| Threaded exit 5" G | Standard | / | / |
| Threaded exit 6" G | / | Standard | Standard |
| Flanged outlet | Upon request | / | / |
| Threaded 5" NPT | Upon request | / | / |

OPERATION DATA

Fluid: chemically and mechanically non-aggressive, without any solid substance or abrasive parts.
Passing of solids: max 3 mm, maximum solid substance content 50 g/m³.
Temperature of the pumped liquid: max 30°C (for higher temperature, please, verify).
Maximum working pressure: 43 bar.
Maximum immersion depth: 300 m under liquid level.
Direction of rotation: clockwise, looking by the outlet.
Performance at 3600 rpm
6S181 A Qmax: 96 m³/h / Hmax: 390 m
6S181 B Qmax: 160 m³/h / Hmax: 432 m
6S181 C Qmax: 210 m³/h / Hmax: 360 m
6S181 D Qmax: 260 m³/h / Hmax: 264 m

PERFORMANCE TOLERANCES

Pumps: UNI EN ISO 9906 Appendix A, Level 1 on request. Motor: norms IEC 60034-1.

INSTALLATION

Vertical / horizontal as a function of power.

SPECIAL VERSIONS

6XS and 6XVS Series entirely made of stainless steel 6SB series made of marine bronze (up to max 25 bar)
Different tensions

ACCESSORIES ON REQUEST

Control panel
Cable Joint

ESPAÑOL

APLICACIONES

Adecuada para la elevación, pressurización y distribución en instalaciones de tipo civil e industrial, distribución a autoclaves y cisternas, sistemas de lavado, sistemas de riego, con trasiego de pozos con diametro min 210 mm, tanques y cuencas.

CARACTERÍSTICAS DE CONSTRUCCION

6S181: grupo electrobomba completo con motor 6" en baño de agua serie MS152 (hasta 37 kW) o con motor 8" en baño de agua serie MS201 (a partir de 45 kW).
SP181: parte hidraulica para ensamble con motores sumergidos 6" con ataque segun NEMA MG1-18.401-18.413 o 8" con ataque segun NEMA MG1-18.414-18.424
Impulsores semiajiales.
Boca de descarga completa con valvola de retencion.
Bomba equipada con anillo de contra-empuje en resina antidesgaste.
Difusor completo con anillo de desgaste en goma anti-desgaste.
Casquillos pilotos en goma anti-desgaste con camisa metalica.
Componentes realizados con materiales especiales anti-desgaste.

MATERIALES - EJECUCIONES ESTANDAR

Impulsores: fundicion gris EN-GJL-250 o acero G20Mn5 (1.6220 exFeG450).
Difusores: fundicion gris EN-GJL-250 o acero G20Mn5 (1.6220 exFeG450).
Eje en acero inoxidable AISI431, con perfil en ranura.
Boca de descarga y soporte de aspiracion: fundicion gris EN-GJL-250 o acero G20Mn5 (1.6220 exFeG450).
Dimensiones y tipo bocas de descarga:

| Tipo bocas de descarga | 6S181 | 6SB181 | 6XS181/6XVS181 |
|------------------------|-------------|----------|----------------|
| Enroscada 5" G | Standard | / | / |
| Enroscada 6" G | / | Standard | Standard |
| Boca de salida | Bajo pedido | / | / |
| Enroscada 5" NPT | Bajo pedido | / | / |

DATOS DE FUNCIONAMIENTO

Fluido: quimicamente y mecanicamente no agresivo, sin cuerpos solidos o particulas abrasivas.
Pasaje cuerpos solidos: max 3 mm, contenido máximo de particulas solidas 50 g/m³
Temperatura del liquido bombeado: min 0°C max 30°C (para valores superiores consultar verificación).
Presion de funcionamiento maxima: 43 bar.
Profundidad de sumersion maxima: 300 m debajo del nivel del liquido.
Sentido de rotacion: orario, observando desde la boca de descarga.
Prestaciones en 3600 1/min
6S181 A Qmax: 96 m³/h / Hmax: 390 m
6S181 B Qmax: 160 m³/h / Hmax: 432 m
6S181 C Qmax: 210 m³/h / Hmax: 360 m
6S181 D Qmax: 260 m³/h / Hmax: 264 m

TOLERANCIAS PRESTACIONES

Bombas: UNI EN ISO 9906 PArrafa A, Nivel 1 bajo demanda.
Motor: normas IEC 60034-1.

INSTALACION

Vertical / horizontal segun potencia.

EJECUCIONES ESPECIALES

Serie 6XS y 6XVS completamente en acero inox Serie 6SB en bronce marino (hasta max 25 bar)
Varias tensiones.

ACCESORIOS BAJO DEMANDA

Quadro electrico
Empalme por cable



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ELETTROPOMPE

8"

COMPONENTI PRINCIPALI

MAIN COMPONENTS
COMPONENTES PRINCIPALES

6S-181

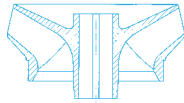
A-B-C-D

| COMPONENTE COMPONENT • COMPONENTE | VERSIONE VERSION • VERSIÓN | | | |
|--|---|--|---|---|
| | 6S-181 | 6SB-181 | 6XS-181 | 6XVS-181 |
| Albero e giunto Shaft and coupling Eje y manguito | Acciaio inox Stainless steel Acero inox AISI431 (1.4057) | | Acciaio inox Stainless steel Acero inox DUPLEX (1.4362) | |
| Girante Impeller Impulsor | Acciaio Steel Acero G20Mn5 (1.6220 exFeG450) | Ghisa Cast iron Fundicion gris EN-GJL-250 | Bronzo Bronze Bronze G-CuSn10 | Acciaio inox Stainless steel Acero inox AISI316 (1.4408) |
| Diffusore Diffuser Difusor | Acciaio Steel Acero G20Mn5 (1.6220 exFeG450) | Ghisa Cast iron Fundicion gris EN-GJL-250 | Bronzo Bronze Bronze G-CuSn10 | Acciaio inox Stainless steel Acero inox AISI316 (1.4408) |
| Supporto aspirazione Suction support Soporte de aspiración | Acciaio Steel Acero G20Mn5 (1.6220 exFeG450) | Ghisa Cast iron Fundicion gris EN-GJL-250 | Bronzo Bronze Bronze G-CuSn10 | Acciaio inox Stainless steel Acero inox AISI316 (1.4408) |
| Bocca di mandata Outlet Orificio de impulsión | Acciaio Steel Acero G20Mn5 (1.6220 exFeG450) | Ghisa Cast iron Fundicion gris EN-GJL-250 | Bronzo Bronze Bronze G-CuSn10 | Acciaio inox Stainless steel Acero inox AISI316 (1.4408) |
| Copricavo Cable cover Cubrecable | Acciaio inox Stainless steel Acero inox AISI304 (1.4301) | | Acciaio inox Stainless steel Acero inox AISI316 (1.4401) | |
| Parti in gomma Rubber components Partes en goma | Gomma Rubber Goma EPDM | | | Gomma Rubber Goma Viton |
| Valvola Valve Valvula | Acciaio inox Stainless steel Acero inox AISI304 (1.4301) | | Acciaio inox Stainless steel Acero inox AISI316 (1.4401) | |
| Motore Motor Motor | MS152 / MS201 | MSB152 / MSB201 | MSX152 / MSX201 | |

Elenco completo dei componenti a pag. 160-163 • Complete list of the components on page 160-163 • Lista completa de los componentes a la página 160-163



8"

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ELETTROPOMPE
6S-181
A-B-C-D

TABELLA DELLE CARATTERISTICHE IDRAULICHE
TABLE OF THE HYDRAULIC FEATURES
TABLA DE LAS CARACTERISTICAS HIDRAULICAS
3600 l/min

| Tipo Type | Motore Motor | | S.F. | I _{sf} (A) 3~ | | U.S.g.p.m. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|------|------|------------------------|------|-------------------|-----|-----|-----|------|-------|-------|-------|-------|------|------|------|----------|-------|------|-------|-------|-------|-----|-------|------|--|--|--|----|--|--|----|----|------|------|----|----|----|----|-----|
| | kW | HP | | 380V | 460V | Q | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | m ³ /h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | l/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 0 | 132 | 185 | 211 | 264 | 330 | 370 | 396 | 423 | 582 | 634 | 705 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 0 | 30 | 42 | 48 | 60 | 75 | 84 | 90 | 96 | 132 | 144 | 160 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 0 | 500 | 700 | 800 | 1000 | 1250 | 1400 | 1500 | 1600 | 2200 | 2400 | 2667 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 A/1B * | 5,5 | 7,5 | 1,15 | 14,6 | 12 | H (m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 A/1 * | 9,2 | 12,5 | 1,15 | 23,5 | 19,5 | | | | | | | | | | | | | 30,5 | 27 | 26 | 25,5 | 24 | 20,5 | 18 | 16 | 14 | | | | | | | | | | | | | | | |
| 6S-181 A/2B * | 11 | 15 | 1,15 | 27,5 | 22,8 | | | | | | | | | | | | | 39 | 34,5 | 32,5 | 32 | 30,5 | 27,5 | 26 | 24,5 | 22,5 | | | | | | | | | | | | | | | |
| 6S-181 A/2 * | 15 | 20 | 1,15 | 37 | 31 | | | | | | | | | | | | | 61 | 54 | 52 | 51 | 48 | 41 | 36 | 32 | 28 | | | | | | | | | | | | | | | |
| 6S-181 A/3A * | 18,5 | 25 | 1,15 | 45,4 | 37,5 | | | | | | | | | | | | | 78 | 69 | 65,5 | 64 | 61 | 55,5 | 52 | 48,5 | 45,5 | | | | | | | | | | | | | | | |
| 6S-181 A/3 * | 22 | 30 | 1,15 | 53 | 44 | | | | | | | | | | | | | 106,5 | 93 | 90 | 88 | 84 | 75,5 | 69 | 63,5 | 57 | | | | | | | | | | | | | | | |
| 6S-181 A/4A * | 26 | 35 | 1,15 | 59,7 | 49,3 | | | | | | | | | | | | | 117 | 103 | 98 | 96 | 91 | 83,5 | 78 | 73 | 68,5 | | | | | | | | | | | | | | | |
| 6S-181 A/4 * | 30 | 40 | 1,15 | 70 | 57,4 | | | | | | | | | | | | | 142 | 124 | 120 | 117,5 | 112 | 101 | 92 | 85 | 76 | | | | | | | | | | | | | | | |
| 6S-181 A/5A * | 30 | 40 | 1,15 | 70 | 57,4 | | | | | | | | | | | | | 156,5 | 137,5 | 131 | 128 | 121,5 | 111 | 104 | 97,5 | 91 | | | | | | | | | | | | | | | |
| 6S-181 A/6A * | 37 | 50 | 1,15 | 88 | 73 | | | | | | | | | | | | | 177,5 | 155 | 150 | 147 | 140 | 126 | 115 | 106 | 95 | | | | | | | | | | | | | | | |
| 6S-181 A/7A * | 45 | 60 | 1,15 | 108 | 89 | | | | | | | | | | | | | 213 | 186 | 180 | 176,5 | 168 | 151 | 138 | 127 | 114 | | | | | | | | | | | | | | | |
| 6S-181 A/8A | 52 | 70 | 1,15 | 120 | 99 | | | | | | | | | | | | | 248,5 | 217 | 210 | 206 | 196 | 176,5 | 161 | 148,5 | 133 | | | | | | | | | | | | | | | |
| 6S-181 A/11B | 55 | 75 | 1,15 | 126 | 104 | | | | | | | | | | | | | 284 | 248 | 240 | 235 | 224 | 201,5 | 184 | 169,5 | 152 | | | | | | | | | | | | | | | |
| 6S-181 A/12B | 60 | 80 | 1,15 | 139 | 115 | | | | | | | | | | | | | 335 | 297 | 288 | 282 | 264 | 226 | 198 | 176 | 154 | | | | | | | | | | | | | | | |
| 6S-181 A/11A | 67 | 90 | 1,15 | 160 | 132 | | | | | | | | | | | | | 366 | 324 | 314 | 307 | 288 | 247 | 216 | 192 | 168 | | | | | | | | | | | | | | | |
| Livello minimo di battente alla griglia di aspirazione (m) • <i>Min. hydrostatic head level to the suction grid (m)</i> • <i>Nivel de sumergencia min. de rejilla de aspiración (m)</i> | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| 6S-181 B/1B * | 7,5 | 10 | 1,15 | 19,5 | 16,1 | | | | | | | | | | | | | H (m) | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/1 * | 13 | 17,5 | 1,15 | 32,5 | 26,9 | | | | | | | | | | | | | | | | | | | | | | | | | 31 | | | 27 | 26 | 24 | 23 | 22 | 21 | 14 | 11 | 7,5 |
| 6S-181 B/2B * | 15 | 20 | 1,15 | 37 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | 39 | | | 35 | 34 | 32,5 | 31,5 | 31 | 30 | 25 | 22 | 18 |
| 6S-181 B/2A * | 18,5 | 25 | 1,15 | 45,4 | 37,5 | 62 | | | 54 | 52 | 48 | 46 | 44 | 42 | 28 | 22 | 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/3B * | 22 | 30 | 1,15 | 53 | 44 | 72 | | | 62 | 60 | 56 | 54 | 52,5 | 51 | 36 | 30 | 22 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/3A * | 26 | 35 | 1,15 | 59,7 | 49,3 | 93 | | | 81 | 78 | 72 | 69 | 66 | 63 | 42 | 33 | 22,5 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/4B * | 30 | 40 | 1,15 | 70 | 57,4 | 108 | | | 93 | 90 | 84 | 81 | 78,5 | 76,5 | 54 | 45 | 33 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/4A * | 37 | 50 | 1,15 | 88 | 73 | 124 | | | 108 | 104 | 96,5 | 92 | 88 | 84 | 56 | 44 | 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/5A * | 45 | 60 | 1,15 | 108 | 89 | 144 | | | 124 | 120 | 112,5 | 108 | 105 | 102 | 72 | 60 | 44 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/6A * | 52 | 70 | 1,15 | 120 | 99 | 180 | | | 155 | 150 | 140,5 | 135 | 131 | 127,5 | 90 | 75 | 55 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/7A * | 60 | 80 | 1,15 | 139 | 115 | 216 | | | 186 | 180 | 168,5 | 162 | 157,5 | 153 | 108 | 90 | 66 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/9B * | 67 | 90 | 1,15 | 160 | 132 | 252 | | | 217 | 210 | 197 | 189 | 183,5 | 178,5 | 126 | 105 | 77 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/8 | 92 | 125 | 1,15 | 208 | 172 | 279 | | | 243 | 234 | 217 | 207 | 198 | 189 | 126 | 99 | 67,5 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/11A | 92 | 125 | 1,15 | 208 | 172 | 312 | | | 280 | 272 | 261 | 252 | 246 | 240 | 200 | 176 | 144 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/9 | 110 | 150 | 1,15 | 260 | 215 | 396 | | | 341 | 330 | 309,5 | 297 | 288,5 | 280,5 | 198 | 165 | 121 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S-181 B/12A | 110 | 150 | 1,15 | 260 | 215 | 351 | | | 315 | 306 | 293,5 | 283,5 | 276,5 | 270 | 225 | 198 | 162 | | | | | | | | | | | | | | | | | | | | | | | | |
| Livello minimo di battente alla griglia di aspirazione (m) • <i>Min. hydrostatic head level to the suction grid (m)</i> • <i>Nivel de sumergencia min. de rejilla de aspiración (m)</i> | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | |

* Funzionamento in orizzontale possibile con pompa e motore della stessa taglia (8"). Si raccomanda la corretta posa dei supporti onde evitare che l'elettropompa lavori a sbalzo. • *Horizontal operation is possibile with pump and motor of the same size (8"). The motor shall be correctly installed with the relative supports in order to ensure the electric pump works properly.* • *El funcionamiento en posición horizontal es possibile con bomba y motor de la misma medida (8"). Se aconseja colocar correctamente los soportes oportunos para evitar que la electrobomba funcione en voladizo.*

• Potenza nominale motore • *Rated power of motor* • *Potencia nominal del motor*



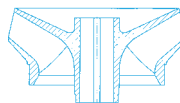
SAER®

ELETTROPOMPE

8"

TABELLA DELLE CARATTERISTICHE IDRAULICHE

TABLE OF THE HYDRAULIC FEATURES
TABLA DE LAS CARACTERISTICAS HIDRAULICAS



6S-181

A-B-C-D

3600 1/min

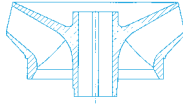
| Tipo Type | Motore Motor | | S.F. | I _{sc} (A) 3~ | | Q | U.S.g.p.m. | | | | | | | | | | | | | | | | | |
|---|-----------------|------|------|------------------------|------|----------|-------------------|------|-------|-------|-------|-------|-------|-------|------|------|------|--|--|--|--|--|--|--|
| | kW | HP | | 380V | 460V | | 0 | | | | | | | | | | | | | | | | | |
| | | | | | | | m ³ /h | | | | | | | | | | | | | | | | | |
| | | | | | | | l/min | | | | | | | | | | | | | | | | | |
| | | | | | | | 0 | 335 | 476 | 581 | 661 | 740 | 837 | 925 | 969 | 1057 | 1145 | | | | | | | |
| | | | | | | | 0 | 76 | 108 | 132 | 150 | 168 | 190 | 210 | 220 | 240 | 260 | | | | | | | |
| | | | | | | | 0 | 1267 | 1800 | 2200 | 2500 | 2800 | 3167 | 3500 | 3667 | 4000 | 4333 | | | | | | | |
| 6S-181 C/1 * | 13 | 17,5 | 1,15 | 32,5 | 26,9 | H (m) | 40 | 33 | 30 | 27,5 | 25 | 22,5 | 18,5 | 13 | | | | | | | | | | |
| 6S-181 C/2A * | 22 | 30 | 1,15 | 53 | 44 | | 72 | 58 | 53 | 48 | 43 | 38 | 30 | | | | | | | | | | | |
| 6S-181 C/3A * | 37 | 50 | 1,15 | 88 | 73 | | 108 | 87 | 79,5 | 72 | 64,5 | 57 | 45 | | | | | | | | | | | |
| 6S-181 C/3 * | 37 | 50 | 1,15 | 88 | 73 | | 120 | 99 | 90 | 82,5 | 75 | 67,5 | 55,5 | 39 | | | | | | | | | | |
| 6S-181 C/4A * | 45 | 60 | 1,15 | 108 | 89 | | 144 | 116 | 106 | 96 | 86 | 76 | 60 | | | | | | | | | | | |
| 6S-181 C/4 * | 52 | 70 | 1,15 | 120 | 99 | | 160 | 132 | 120 | 110 | 100 | 90 | 74 | 52 | | | | | | | | | | |
| 6S-181 C/5A * | 60 | 80 | 1,15 | 139 | 115 | | 180 | 145 | 132,5 | 120 | 107,5 | 95 | 75 | | | | | | | | | | | |
| 6S-181 C/5 * | 67 | 90 | 1,15 | 160 | 132 | | 200 | 165 | 150 | 137,5 | 125 | 112,5 | 92,5 | 65 | | | | | | | | | | |
| 6S-181 C/6A | 75 | 100 | 1,15 | 174 | 143 | | 216 | 174 | 159 | 144 | 129,5 | 114 | 90 | | | | | | | | | | | |
| 6S-181 C/6 | 75 | 100 | 1,15 | 174 | 143 | | 240 | 198 | 180 | 165 | 150 | 135 | 111 | 78 | | | | | | | | | | |
| 6S-181 C/7A | 83 | 113 | 1,15 | 194 | 160 | | 252 | 203 | 185,5 | 168 | 150,5 | 133 | 105 | | | | | | | | | | | |
| 6S-181 C/7 | 92 | 125 | 1,15 | 208 | 172 | | 280 | 231 | 210 | 192,5 | 175 | 157,5 | 129,5 | 91 | | | | | | | | | | |
| 6S-181 C/8 | 110 | 150 | 1,15 | 260 | 215 | | 320 | 264 | 240 | 220 | 200 | 180 | 148 | 104 | | | | | | | | | | |
| 6S-181 C/9 | 110 | 150 | 1,15 | 260 | 215 | | 360 | 297 | 270 | 247,5 | 225 | 202,5 | 166,5 | 117 | | | | | | | | | | |
| Livello minimo di battente alla griglia di aspirazione (m) • Min. hydrostatic head level to the suction grid (m) • Nivel de sumergencia min. de rejilla de aspiración (m) | | | | | | | | 2 | 2 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | |
| 6S181 D/1A * | 13 | 17,5 | 1,15 | 32,5 | 26,9 | H (m) | 33 | | 25,5 | 23,5 | 22 | 20 | 17 | 14,25 | 12,5 | 8,5 | | | | | | | | |
| 6S181 D/1 * | 18,5 | 25 | 1,15 | 45,4 | 37,5 | | 40 | | 32,5 | 30 | 28,5 | 26,5 | 23,5 | 21 | 19,5 | 16 | 11 | | | | | | | |
| 6S181 D/2A * | 22 | 30 | 1,15 | 53 | 44 | | 66 | | 51 | 47 | 43,5 | 40 | 34,5 | 28,5 | 25 | 17 | | | | | | | | |
| 6S181 D/2 * | 30 | 40 | 1,15 | 70 | 57,4 | | 80 | | 65 | 60,5 | 56,5 | 53 | 47,5 | 42 | 39 | 32 | 22 | | | | | | | |
| 6S181 D/3A * | 37 | 50 | 1,15 | 88 | 73 | | 99 | | 76,5 | 70,5 | 65,5 | 60 | 51,5 | 42,75 | 37,5 | 25,5 | | | | | | | | |
| 6S181 D/3 * | 52 | 70 | 1,15 | 120 | 99 | | 120 | | 97,5 | 91 | 85 | 79,5 | 71 | 63 | 58,5 | 48 | 33 | | | | | | | |
| 6S181 D/4A * | 45 | 60 | 1,15 | 108 | 89 | | 132 | | 102 | 94 | 87,5 | 80 | 69 | 57 | 50 | 34 | | | | | | | | |
| 6S181 D/4 * | 67 | 90 | 1,15 | 160 | 132 | | 160 | | 130 | 121 | 113,5 | 106 | 95 | 84 | 78 | 64 | 44 | | | | | | | |
| 6S181 D/6A | 75 | 100 | 1,15 | 174 | 143 | | 198 | | 153 | 141 | 131,5 | 120 | 103,5 | 85,5 | 75 | 51 | | | | | | | | |
| 6S181 D/7A | 83 | 113 | 1,15 | 194 | 160 | | 231 | | 178,5 | 164,5 | 153,5 | 140 | 120,5 | 99,75 | 87,5 | 59,5 | | | | | | | | |
| 6S181 D/6 | 92 | 150 | 1,15 | 260 | 215 | | 240 | | 195 | 182 | 170,5 | 159 | 142,5 | 126 | 117 | 96 | 66 | | | | | | | |
| 6S181 D/8A | 92 | 125 | 1,15 | 208 | 172 | | 264 | | 204 | 188 | 175,5 | 160 | 138 | 119 | 110 | 68 | | | | | | | | |
| Livello minimo di battente alla griglia di aspirazione (m) • Min. hydrostatic head level to the suction grid (m) • Nivel de sumergencia min. de rejilla de aspiración (m) | | | | | | | | | 2 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | | | | | | | |



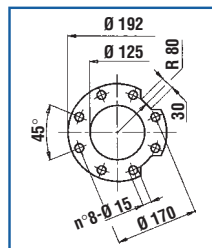
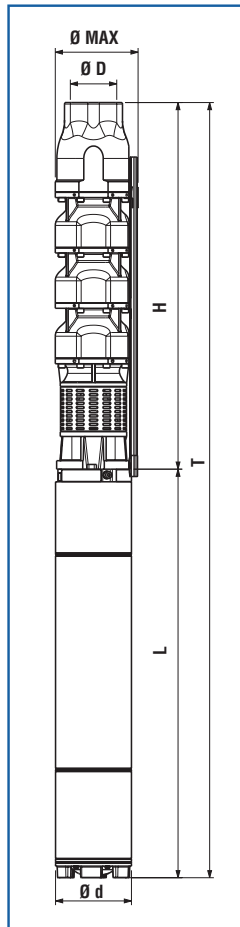
8"

SAER®
ELETTROPOMPE

6S-181A


 $\cong 3600 \text{ 1/min}$
CARATTERISTICHE IDRAULICHE
HYDRAULIC FEATURES / CARACTERISTICAS HIDRAULICAS

| Tipo Type | Motore Motor | | S.F. | I _{sf} (A) 3~ | | U.S.g.p.m. | | | | | | | | | | | | | |
|---|-----------------|------|------|------------------------|------|------------|-------|-------|------|-------|-------|-------|-------|-------|-----|-------|------|---|--|
| | kW | HP | | 380V 460V | | Q | | | | | | | | | | | | | |
| | | | | | | m³/h | | | | | | | | | | | | | |
| | | | | | | l/min | | | | | | | | | | | | | |
| 6S-181 A/1B * | 5,5 | 7,5 | 1,15 | 14,6 | 12 | 30,5 | 27 | 26,5 | 26 | 25,5 | 25 | 24 | 22,5 | 20,5 | 18 | 16 | 14 | | |
| 6S-181 A/1 * | 9,2 | 12,5 | 1,15 | 23,5 | 19,5 | 39 | 34,5 | 33,5 | 32,5 | 32 | 31 | 30,5 | 29,5 | 27,5 | 26 | 24,5 | 22,5 | | |
| 6S-181 A/2B * | 11 | 15 | 1,15 | 27,5 | 22,8 | 61 | 54 | 53 | 52 | 51 | 50 | 48 | 45,5 | 41 | 36 | 32 | 28 | | |
| 6S-181 A/2 * | 15 | 20 | 1,15 | 37 | 31 | 78 | 69 | 67 | 65,5 | 64 | 62 | 61 | 59 | 55,5 | 52 | 48,5 | 45,5 | | |
| 6S-181 A/3A * | 18,5 | 25 | 1,15 | 45,4 | 37,5 | 106,5 | 93 | 92 | 90 | 88 | 86 | 84 | 80,5 | 75,5 | 69 | 63,5 | 57 | | |
| 6S-181 A/3 * | 22 | 30 | 1,15 | 53 | 44 | 117 | 103 | 101 | 98 | 96 | 93,5 | 91 | 88 | 83,5 | 78 | 73 | 68,5 | | |
| 6S-181 A/4A * | 26 | 35 | 1,15 | 59,7 | 49,3 | 142 | 124 | 122,5 | 120 | 117,5 | 114,5 | 112 | 107 | 101 | 92 | 85 | 76 | | |
| 6S-181 A/4 * | 30 | 40 | 1,15 | 70 | 57,4 | 156,5 | 137,5 | 134,5 | 131 | 128 | 125 | 121,5 | 117,5 | 111 | 104 | 97,5 | 91 | | |
| 6S-181 A/5A * | 30 | 40 | 1,15 | 70 | 57,4 | 177,5 | 155 | 153 | 150 | 147 | 143 | 140 | 134 | 126 | 115 | 106 | 95 | | |
| 6S-181 A/6A * | 37 | 50 | 1,15 | 88 | 73 | 213 | 186 | 183,5 | 180 | 176,5 | 171,5 | 168 | 161 | 151 | 138 | 127 | 114 | | |
| 6S-181 A/7A * | 45 | 60 | 1,15 | 108 | 89 | 248,5 | 217 | 214 | 210 | 206 | 200 | 196 | 187 | 176,5 | 161 | 148,5 | 133 | | |
| 6S-181 A/8A | 52 | 70 | 1,15 | 120 | 99 | 284 | 248 | 245 | 240 | 235 | 229 | 224 | 214,5 | 201,5 | 184 | 169,5 | 152 | | |
| 6S-181 A/11B | 55 | 75 | 1,15 | 126 | 104 | 335 | 297 | 293 | 288 | 282 | 275 | 264 | 250 | 226 | 198 | 176 | 154 | | |
| 6S-181 A/12B | 60 | 80 | 1,15 | 139 | 115 | 366 | 324 | 319 | 314 | 307 | 300 | 288 | 273 | 247 | 216 | 192 | 168 | | |
| 6S-181 A/11A | 67 | 90 | 1,15 | 160 | 132 | 390,5 | 341 | 337 | 330 | 323 | 314,5 | 308 | 295 | 277 | 253 | 233 | 209 | | |
| Livello minimo di battente alla griglia di aspirazione (m) • Min. hydrostatic head level to the suction grid (m) • Nivel de sumergencia min. de rejilla de aspiración (m) | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |



* Funzionamento in orizzontale possibile con pompa e motore della stessa taglia (8"). Si raccomanda la corretta posa dei supporti onde evitare che l'elettropompa lavori a sbalzo. • Horizontal operation is possible with pump and motor of the same size (8"). The motor shall be correctly installed with the relative supports in order to ensure the electric pump works properly. • El funcionamiento en posición horizontal es posible con bomba y motor de la misma medida (8"). Se aconseja colocar correctamente los soportes oportunos para evitar que la electrobomba funcione en voladizo.

• Potenza nominale motore • Rated power of motor • Potencia nominal del motor.

DIMENSIONI E PESI
DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS

| Tipo / Type | | T (mm) | H (mm) | L (mm) | Ø Max (mm) | Ø D "G | Ø d (mm) | Motore Motor | NEMA | Peso Weight (Kg) | |
|--------------|--------------|-----------|-----------|-----------|---------------|-----------|-------------|-----------------|----------|---------------------|-------|
| T | H | | | | | | | | | H | T |
| 6S-181 A/1B | SP-181 A/1B | 1162 | 610 | 552 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 36,5 | 80,5 |
| 6S-181 A/1 | SP-181 A/1 | 1245 | 610 | 635 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 36,5 | 90,5 |
| 6S-181 A/2B | SP-181 A/2B | 1435 | 750 | 685 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 49 | 109 |
| 6S-181 A/2 | SP-181 A/2 | 1525 | 750 | 775 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 49 | 114 |
| 6S-181 A/3A | SP-181 A/3A | 1765 | 890 | 875 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 61,5 | 142,5 |
| 6S-181 A/3 | SP-181 A/3 | 1855 | 890 | 965 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 61,5 | 152,5 |
| 6S-181 A/4A | SP-181 A/4A | 2085 | 1030 | 1055 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 74 | 177 |
| 6S-181 A/4 | SP-181 A/4 | 2165 | 1030 | 1135 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 74 | 183 |
| 6S-181 A/5A | SP-181 A/5A | 2305 | 1170 | 1135 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 86,5 | 195,5 |
| 6S-181 A/6A | SP-181 A/6A | 2535 | 1310 | 1225 | 202 | 5" | 144 | 6"MS153 | 1.18.413 | 99 | 219 |
| 6S-181 A/7A | SP-181 A/7A | 2445 | 1450 | 995 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 111,5 | 267,5 |
| 6S-181 A/8A | SP-181 A/8A | 2655 | 1590 | 1065 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 124 | 294 |
| 6S-181 A/11B | SP-181 A/11B | 3075 | 2010 | 1065 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 161,5 | 331,5 |
| 6S-181 A/12B | SP-181 A/12B | 3285 | 2150 | 1135 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 174 | 358 |
| 6S-181 A/11A | SP-181 A/11A | 3245 | 2010 | 1235 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 161,5 | 365,5 |

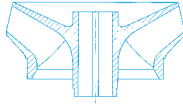


SAER®

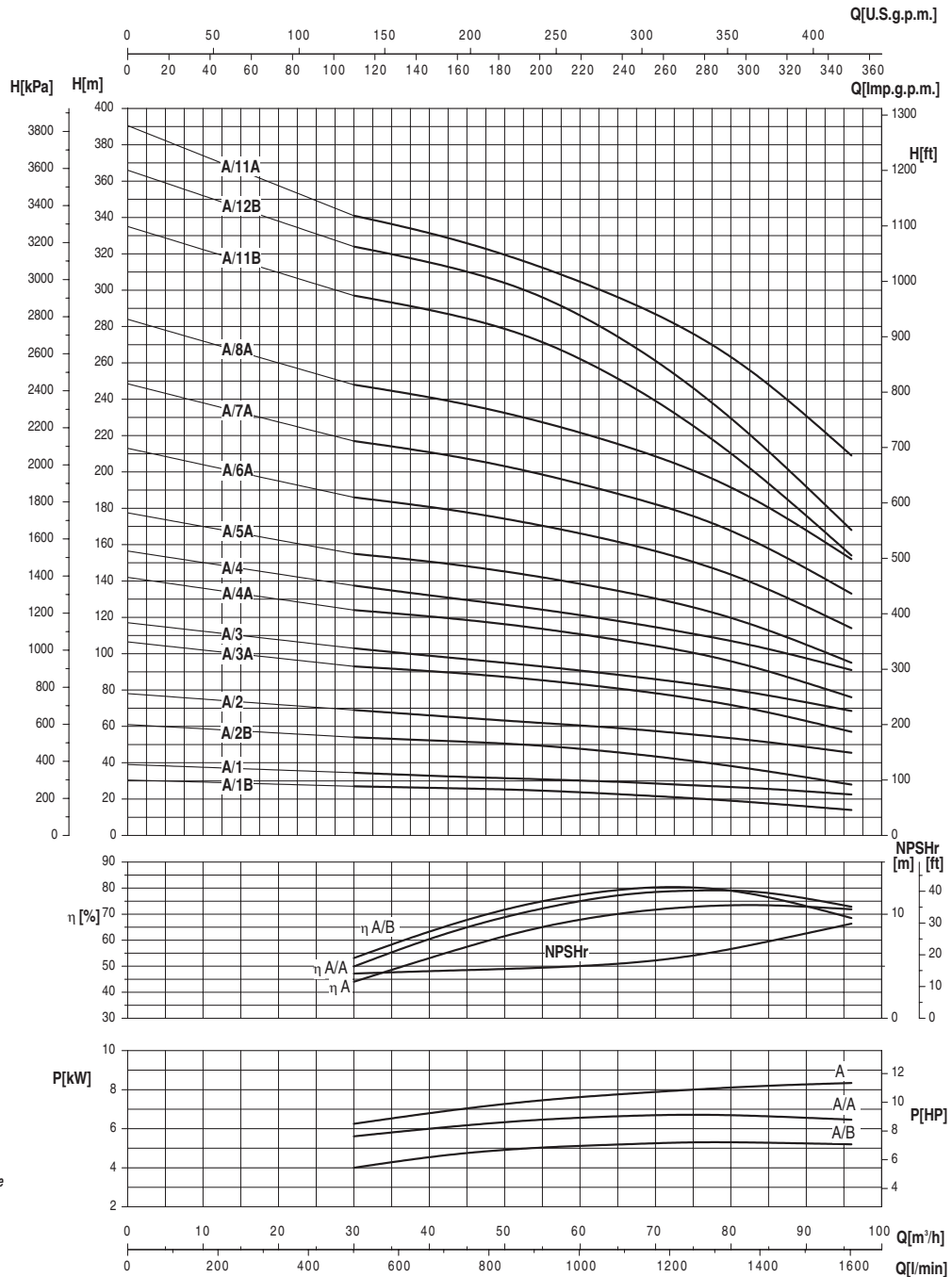
ELETTROPOMPE

8"

≅ 3600 l/min



6S-181A



Moltiplicare il rendimento per il coefficiente corrispondente al vostro numero di stadi.

Multiply efficiency by the coefficient corresponding to the number of stages.

Multiplicar el rendimiento por el coeficiente correspondiente a su número de etapas.

| Numero di stadi Number of stage Numero de etapas | <5 | 5-6 | 7-8 | >8 |
|--|------|------|------|----|
| Coefficienti Coefficient Coeficiente | 0,97 | 0,98 | 0,99 | 1 |

- Potenza assorbita per stadio
- Absorbed power for each single stage
- Potencia absorbida por cada etapa

Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A • Las curvas de rendimiento se refieren a valores de viscosidad cinemática = 1 mm²/s y densidad de 1000 Kg/m³. Tolerancia de las curvas de acuerdo con UNI EN ISO 9906 - Párrafo A.

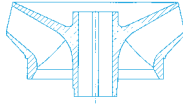
Dati validi anche per serie 6XS-6XVS • Data admits also for series 6XS-6XVS • Datos validos tambien para serie 6XS-6XVS.



8"

SAER®
ELETTROPOMPE

6S-181B

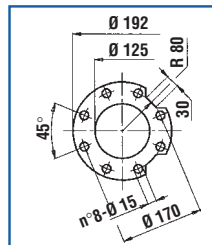
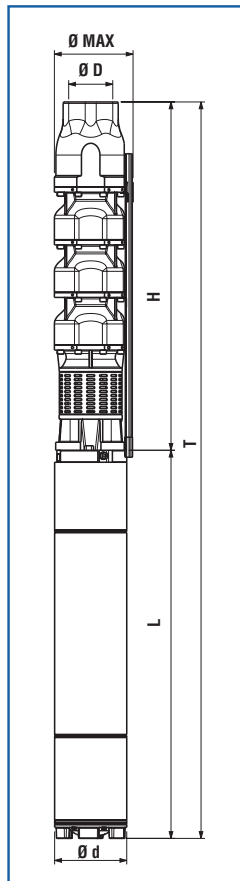

 $\cong 3600 \text{ l/min}$

CARATTERISTICHE IDRAULICHE

HYDRAULIC FEATURES / CARACTERISTICAS HIDRAULICAS

| Tipo Type | Motore Motor | | S.F. | I _{sf} (A) 3~ | | U.S.g.p.m. Q | Head (m) | | | | | | | | | | | | | | |
|--------------|-----------------|------|------|------------------------|-------|-----------------|----------|-----|-----|-------|-------|-------|-------|-----|-----|-----|------|--|--|--|--|
| | kW | HP | | 380V 460V | | | 0 | 211 | 264 | 317 | 370 | 423 | 476 | 529 | 582 | 634 | 705 | | | | |
| | | | | m ³ /h | l/min | | 0 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 | 160 | | | | |
| 6S-181 B/1B* | 7,5 | 10 | 1,15 | 19,5 | 16,1 | H (m) | 31 | 27 | 26 | 24,5 | 23 | 21 | 19 | 17 | 14 | 11 | 7,5 | | | | |
| 6S-181 B/1* | 13 | 17,5 | 1,15 | 32,5 | 26,9 | | 39 | 35 | 34 | 33 | 31,5 | 30 | 28,5 | 27 | 25 | 22 | 18 | | | | |
| 6S-181 B/2B* | 15 | 20 | 1,15 | 37 | 31 | | 62 | 54 | 52 | 49 | 46 | 42 | 38 | 34 | 28 | 22 | 15 | | | | |
| 6S-181 B/2A* | 18,5 | 25 | 1,15 | 45,4 | 37,5 | | 72 | 62 | 60 | 57 | 54 | 51 | 46 | 42 | 36 | 30 | 22 | | | | |
| 6S-181 B/3B* | 22 | 30 | 1,15 | 53 | 44 | | 93 | 81 | 78 | 73,5 | 69 | 63 | 57 | 51 | 42 | 33 | 22,5 | | | | |
| 6S-181 B/3A* | 26 | 35 | 1,15 | 59,7 | 49,3 | | 108 | 93 | 90 | 85,5 | 81 | 76,5 | 69 | 63 | 54 | 45 | 33 | | | | |
| 6S-181 B/4B* | 30 | 40 | 1,15 | 70 | 57,4 | | 124 | 108 | 104 | 98 | 92 | 84 | 76 | 68 | 56 | 44 | 30 | | | | |
| 6S-181 B/4A* | 37 | 50 | 1,15 | 88 | 73 | | 144 | 124 | 120 | 114 | 108 | 102 | 92 | 84 | 72 | 60 | 44 | | | | |
| 6S-181 B/5A* | 45 | 60 | 1,15 | 108 | 89 | | 180 | 155 | 150 | 142,5 | 135 | 127,5 | 115 | 105 | 90 | 75 | 55 | | | | |
| 6S-181 B/6A* | 52 | 70 | 1,15 | 120 | 99 | | 216 | 186 | 180 | 171 | 162 | 153 | 138 | 126 | 108 | 90 | 66 | | | | |
| 6S-181 B/7A* | 60 | 80 | 1,15 | 139 | 115 | | 252 | 217 | 210 | 199,5 | 189 | 178,5 | 161 | 147 | 126 | 105 | 77 | | | | |
| 6S-181 B/9B* | 67 | 90 | 1,15 | 160 | 132 | | 279 | 243 | 234 | 220,5 | 207 | 189 | 171 | 153 | 126 | 99 | 67,5 | | | | |
| 6S-181 B/8 | 92 | 125 | 1,15 | 208 | 172 | | 312 | 280 | 272 | 264 | 252 | 240 | 228 | 216 | 200 | 176 | 144 | | | | |
| 6S-181 B/11A | 92 | 125 | 1,15 | 208 | 172 | | 396 | 341 | 330 | 313,5 | 297 | 280,5 | 253 | 231 | 198 | 165 | 121 | | | | |
| 6S-181 B/9 | 110 | 150 | 1,15 | 260 | 215 | | 351 | 315 | 306 | 297 | 283,5 | 270 | 256,5 | 243 | 225 | 198 | 162 | | | | |
| 6S-181 B/12A | 110 | 150 | 1,15 | 260 | 215 | | 432 | 372 | 360 | 342 | 324 | 306 | 276 | 252 | 216 | 180 | 132 | | | | |

Livello minimo di battente alla griglia di aspirazione (m) • Min. hydrostatic head level to the suction grid (m) • Nivel de sumergencia min. de rejilla de aspiración (m)



* Funzionamento in orizzontale possibile con pompa e motore della stessa taglia (8"). Si raccomanda la corretta posa dei supporti onde evitare che l'elettropompa lavori a sbalzo. • Horizontal operation is possible with pump and motor of the same size (8"). The motor shall be correctly installed with the relative supports in order to ensure the electric pump works properly. • El funcionamiento en posición horizontal es posible con bomba y motor de la misma medida (8"). Se aconseja colocar correctamente los soportes oportunos para evitar que la electrobomba funcione en voladizo.

• Potenza nominale motore • Rated power of motor • Potencia nominal del motor.

DIMENSIONI E PESI

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS

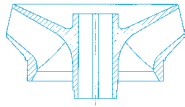
| Tipo / Type | | T | H | L | Ø Max | Ø D | Ø d | Motore Motor | NEMA | Peso Weight (Kg) | |
|--------------|--------------|------|------|------|-------|-----|------|-----------------|----------|---------------------|-------|
| T | H | (mm) | (mm) | (mm) | (mm) | "G | (mm) | | | H | T |
| 6S-181 B/1B | SP-181 B/1B | 1205 | 610 | 595 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 37 | 86 |
| 6S-181 B/1 | SP-181 B/1 | 1335 | 610 | 725 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 37 | 99 |
| 6S-181 B/2B | SP-181 B/2B | 1525 | 750 | 775 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 48,5 | 113,5 |
| 6S-181 B/2A | SP-181 B/2A | 1625 | 750 | 875 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 48,5 | 129,5 |
| 6S-181 B/3B | SP-181 B/3B | 1855 | 890 | 965 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 60 | 151 |
| 6S-181 B/3A | SP-181 B/3A | 1945 | 890 | 1055 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 60 | 163 |
| 6S-181 B/4B | SP-181 B/4B | 2165 | 1030 | 1135 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 71,5 | 180,5 |
| 6S-181 B/4A | SP-181 B/4A | 2255 | 1030 | 1225 | 202 | 5" | 144 | 6"MS153 | 1.18.413 | 71,5 | 191,5 |
| 6S-181 B/5A | SP-181 B/5A | 2165 | 1170 | 995 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 83 | 239 |
| 6S-181 B/6A | SP-181 B/6A | 2375 | 1310 | 1065 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 94,5 | 264,5 |
| 6S-181 B/7A | SP-181 B/7A | 2585 | 1450 | 1135 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 106 | 290 |
| 6S-181 B/9B | SP-181 B/9B | 2965 | 1730 | 1235 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 129 | 333 |
| 6S-181 B/8 | SP-181 B/8 | 3085 | 1590 | 1495 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 117,5 | 372,5 |
| 6S-181 B/11A | SP-181 B/11A | 3505 | 2010 | 1495 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 152 | 407 |
| 6S-181 B/9 | SP-181 B/9 | 3315 | 1730 | 1585 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 129 | 402 |
| 6S-181 B/12A | SP-181 B/12A | 3735 | 2150 | 1585 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 163,5 | 436,5 |



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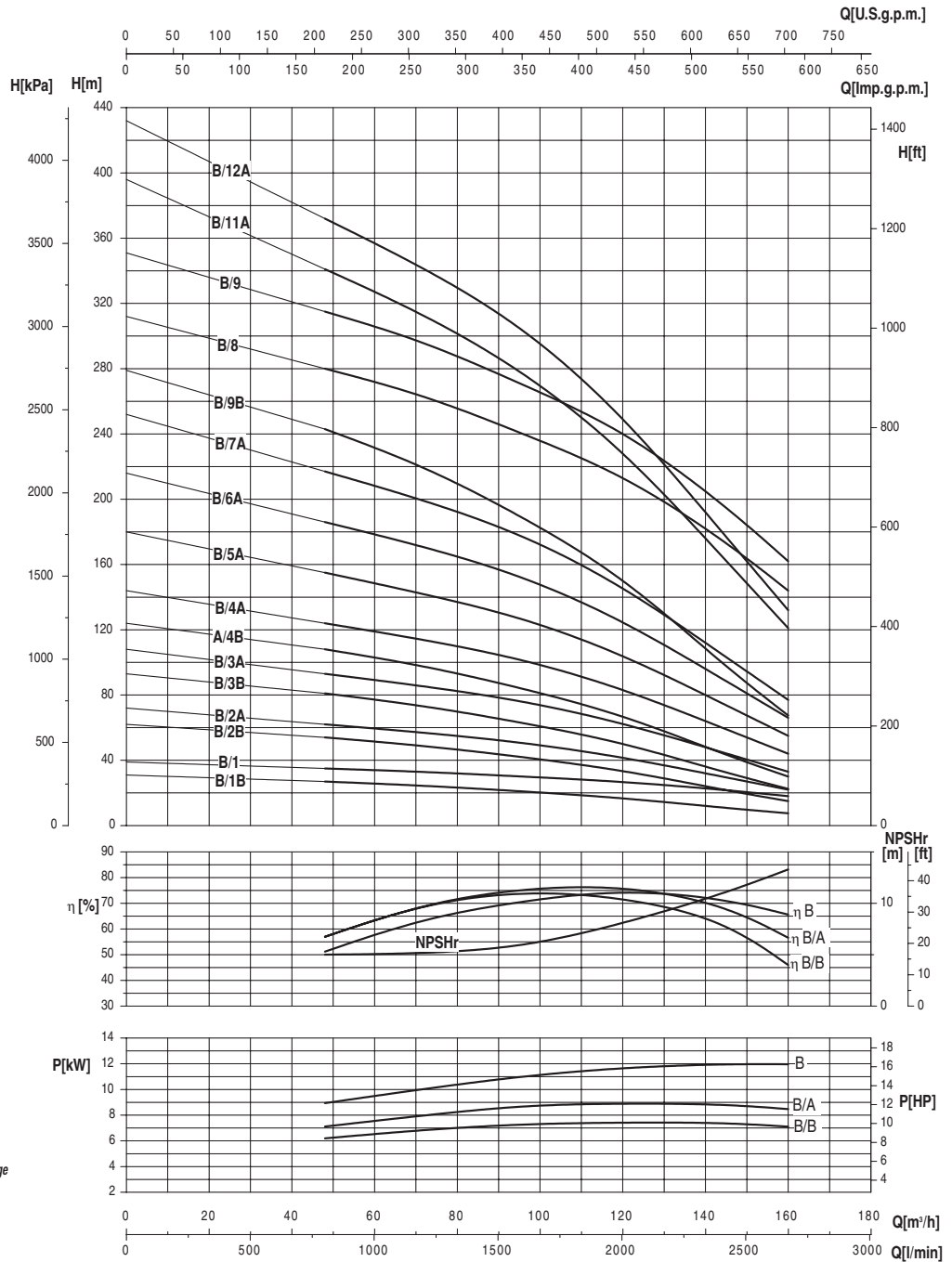
8"

ELETTROPOMPE



≅ 3600 l/min

6S-181B



Moltiplicare il rendimento per il coefficiente corrispondente al vostro numero di stadi.

Multiply efficiency by the coefficient corresponding to the number of stages.

Multiplicar el rendimiento por el coeficiente correspondiente a su número de etapas.

| | | | | |
|--|------|------|------|----|
| Numero di stadi Number of stage Numero de etapas | <5 | 5-6 | 7-8 | >8 |
| Coefficienti Coefficient Coeficiente | 0,97 | 0,98 | 0,99 | 1 |

- Potenza assorbita per stadio
- Absorbed power for each single stage
- Potencia absorbida por cada etapa

Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A • Las curvas de rendimiento se refieren a valores de viscosidad cinemática = 1 mm²/s y densidad de 1000 Kg/m³. Tolerancia de las curvas de acuerdo con UNI EN ISO 9906 - Párrafo A.

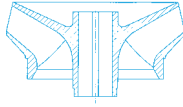
Dati validi anche per serie 6XS-6XVS • Data admits also for series 6XS-6XVS • Datos validos tambien para serie 6XS-6XVS.



8"

SAER®
ELETTROPOMPE

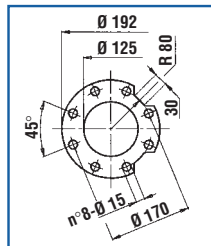
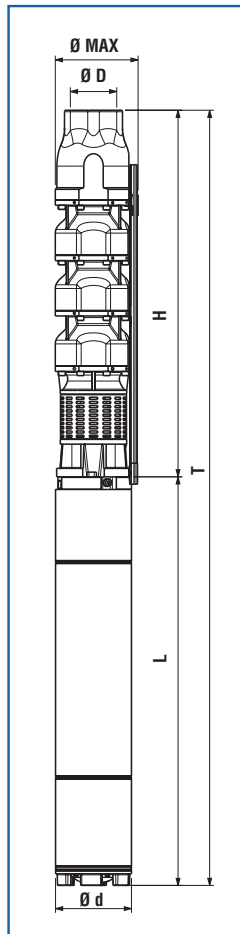
6S-181C


 $\cong 3600 \text{ l/min}$

CARATTERISTICHE IDRAULICHE

HYDRAULIC FEATURES / CARACTERISTICAS HIDRAULICAS

| Tipo Type | Motore Motor | | S.F. | I _{sf} (A) 3~ | | U.S.g.p.m. Q | 0 | 335 | 423 | 502 | 581 | 661 | 740 | 837 | 925 | |
|---|-----------------|------|------|------------------------|------|-----------------|-------------------|-----|-------|-------|-------|-------|-------|-------|------|------|
| | kW | HP | | 380V | 460V | | m ³ /h | 0 | 76 | 96 | 114 | 132 | 150 | 168 | 190 | 210 |
| | | | | | | | l/min | 0 | 1267 | 1600 | 1900 | 2200 | 2500 | 2800 | 3167 | 3500 |
| 6S-181 C/1 * | 13 | 17,5 | 1,15 | 32,5 | 26,9 | H (m) | 40 | 33 | 31 | 29,5 | 27,5 | 25 | 22,5 | 18,5 | 13 | |
| 6S-181 C/2A * | 22 | 30 | 1,15 | 53 | 44 | | 72 | 58 | 55 | 52 | 48 | 43 | 38 | 30 | | |
| 6S-181 C/3A * | 37 | 50 | 1,15 | 88 | 73 | | 108 | 87 | 82,5 | 78 | 72 | 64,5 | 57 | 45 | | |
| 6S-181 C/3 * | 37 | 50 | 1,15 | 88 | 73 | | 120 | 99 | 93 | 88,5 | 82,5 | 75 | 67,5 | 55,5 | 39 | |
| 6S-181 C/4A * | 45 | 60 | 1,15 | 108 | 89 | | 144 | 116 | 110 | 104 | 96 | 86 | 76 | 60 | | |
| 6S-181 C/4 * | 52 | 70 | 1,15 | 120 | 99 | | 160 | 132 | 124 | 118 | 110 | 100 | 90 | 74 | 52 | |
| 6S-181 C/5A * | 60 | 80 | 1,15 | 139 | 115 | | 180 | 145 | 137,5 | 130 | 120 | 107,5 | 95 | 75 | | |
| 6S-181 C/5 * | 67 | 90 | 1,15 | 160 | 132 | | 200 | 165 | 155 | 147,5 | 137,5 | 125 | 112,5 | 92,5 | 65 | |
| 6S-181 C/6A | 75 | 100 | 1,15 | 174 | 143 | | 216 | 174 | 165 | 156 | 144 | 129,5 | 114 | 90 | | |
| 6S-181 C/6 | 75 | 100 | 1,15 | 174 | 143 | | 240 | 198 | 186 | 177 | 165 | 150 | 135 | 111 | 78 | |
| 6S-181 C/7A | 83 | 113 | 1,15 | 194 | 160 | | 252 | 203 | 192,5 | 182 | 168 | 150,5 | 133 | 105 | | |
| 6S-181 C/7 | 92 | 125 | 1,15 | 208 | 172 | | 280 | 231 | 217 | 206,5 | 192,5 | 175 | 157,5 | 129,5 | 91 | |
| 6S-181 C/8 | 110 | 150 | 1,15 | 260 | 215 | | 320 | 264 | 248 | 236 | 220 | 200 | 180 | 148 | 104 | |
| 6S-181 C/9 | 110 | 150 | 1,15 | 260 | 215 | | 360 | 297 | 279 | 265,5 | 247,5 | 225 | 202,5 | 166,5 | 117 | |
| Livello minimo di battente alla griglia di aspirazione (m) • Min. hydrostatic head level to the suction grid (m) • Nivel de sumergencia min. de rejilla de aspiración (m) | | | | | | | 2 | 2 | 2 | 5 | 5 | 5 | 5 | 5 | | |



* Funzionamento in orizzontale possibile con pompa e motore della stessa taglia (8"). Si raccomanda la corretta posa dei supporti onde evitare che l'elettropompa lavori a sbalzo. • Horizontal operation is possible with pump and motor of the same size (8"). The motor shall be correctly installed with the relative supports in order to ensure the electric pump works properly. • El funcionamiento en posición horizontal es posible con bomba y motor de la misma medida (8"). Se aconseja colocar correctamente los soportes oportunos para evitar que la electrobomba funcione en voladizo.

• Potenza nominale motore • Rated power of motor • Potencia nominal del motor.

DIMENSIONI E PESI

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS

| Tipo / Type | | T (mm) | H (mm) | L (mm) | Ø Max (mm) | Ø D "G | Ø d (mm) | Motore Motor | NEMA | Peso Weight (Kg) | |
|-------------|-------------|-----------|-----------|-----------|---------------|-----------|-------------|-----------------|----------|---------------------|-------|
| T | H | | | | | | | | | H | T |
| 6S-181 C/1 | SP-181 C/1 | 1335 | 610 | 725 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 38,5 | 100,5 |
| 6S-181 C/2A | SP-181 C/2A | 1715 | 750 | 965 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 50 | 141 |
| 6S-181 C/3A | SP-181 C/3A | 2115 | 890 | 1225 | 202 | 5" | 144 | 6"MS153 | 1.18.413 | 61,5 | 181,5 |
| 6S-181 C/3 | SP-181 C/3 | 2115 | 890 | 1225 | 202 | 5" | 144 | 6"MS153 | 1.18.413 | 61,5 | 181,5 |
| 6S-181 C/4A | SP-181 C/4A | 2025 | 1030 | 995 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 73 | 229 |
| 6S-181 C/4 | SP-181 C/4 | 2095 | 1030 | 1065 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 73 | 243 |
| 6S-181 C/5A | SP-181 C/5A | 2305 | 1170 | 1135 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 84,5 | 268,5 |
| 6S-181 C/5 | SP-181 C/5 | 2405 | 1170 | 1235 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 84,5 | 288,5 |
| 6S-181 C/6A | SP-181 C/6A | 2645 | 1310 | 1335 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 96 | 319 |
| 6S-181 C/6 | SP-181 C/6 | 2645 | 1310 | 1335 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 96 | 319 |
| 6S-181 C/7A | SP-181 C/7A | 2865 | 1450 | 1415 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 107,5 | 346,5 |
| 6S-181 C/7 | SP-181 C/7 | 2945 | 1450 | 1495 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 107,5 | 362,5 |
| 6S-181 C/8 | SP-181 C/8 | 3175 | 1590 | 1585 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 119 | 392 |
| 6S-181 C/9 | SP-181 C/9 | 3315 | 1730 | 1585 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 130,5 | 403,5 |

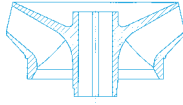


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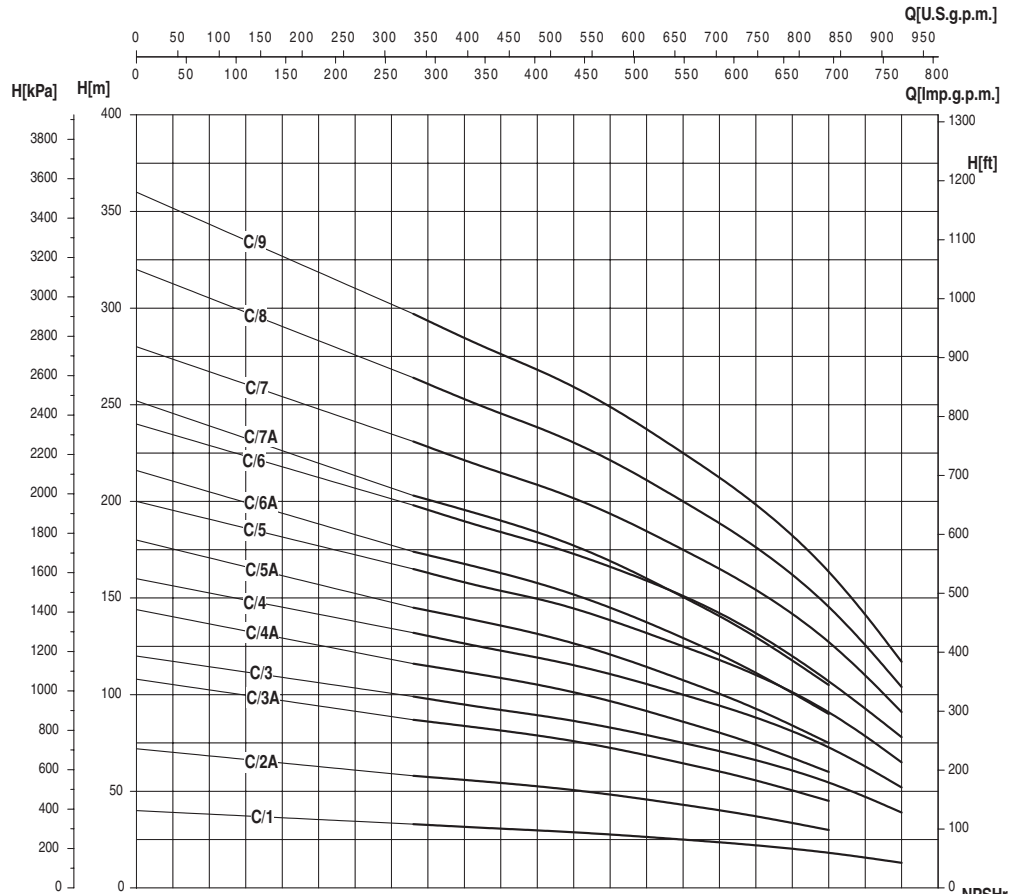
ELETTROPOMPE

8"

≅ 3600 l/min



6S-181C



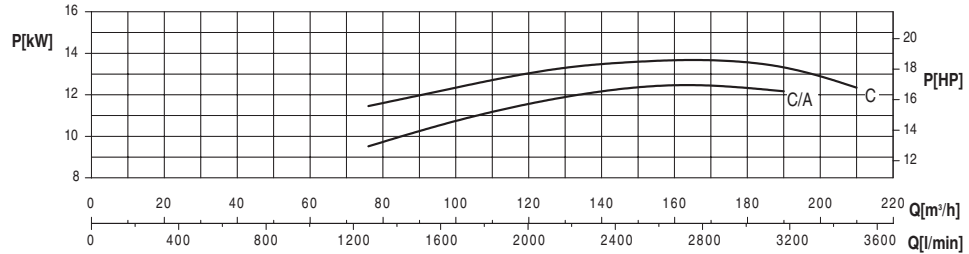
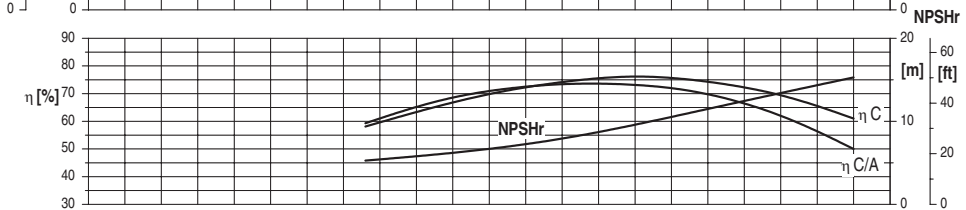
Moltiplicare il rendimento per il coefficiente corrispondente al vostro numero di stadi.

Multiply efficiency by the coefficient corresponding the number of stages.

Multiplicar el rendimiento por el coeficiente correspondiente a su numero de etapas.

| | | | | |
|--|------|------|------|----|
| Numero di stadi Number of stage Numero de etapas | <5 | 5-6 | 7-8 | >8 |
| Coefficienti Coefficient Coeficiente | 0,97 | 0,98 | 0,99 | 1 |

- Potenza assorbita per stadio
- Absorbed power for each single stage
- Potencia absorbida por cada etapa



Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A • Las curvas de rendimiento se refieren a valores de viscosidad cinemática = 1 mm²/s y densidad de 1000 Kg/m³. Tolerancia de las curvas de acuerdo con UNI EN ISO 9906 - Parrafo A.

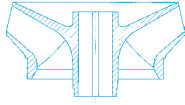
Dati validi anche per serie 6XS-6XVS • Data admits also for series 6XS-6XVS • Datos validos tambien para serie 6XS-6XVS.



8"

SAER[®]
ELETTROPOMPE

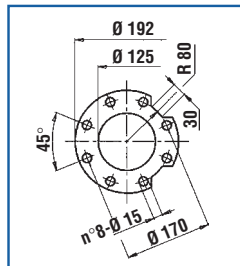
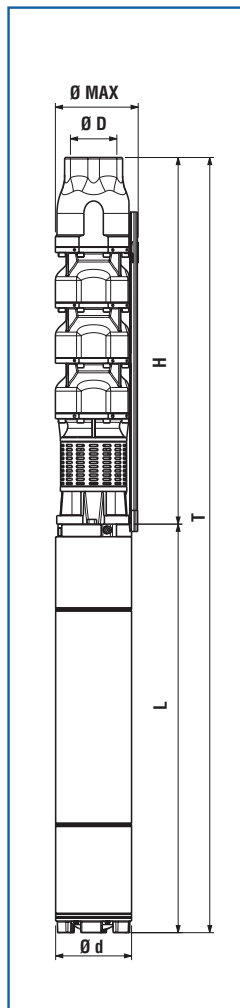
6S-181D


 \cong 3600 1/min

CARATTERISTICHE IDRAULICHE
HYDRAULIC FEATURES / CARACTERISTICAS HIDRAULICAS

| Tipo Type | Motore Motor | | S.F. | Isf (A) 3~ | | U.S.g.p.m. Q | Flow Rate | | | | | | | | | | | |
|---------------|-----------------|------|------|------------|------|-----------------|-------------------|-------|------|-------|------|-------|------|------|------|------|--|--|
| | kW | HP | | 380V | 460V | | m ³ /h | | | | | | | | | | | |
| | | | | | | | l/min | | | | | | | | | | | |
| 6S-181 D/1A * | 13 | 17,5 | 1,15 | 32,5 | 26,9 | H (m) | 0 | 476 | 555 | 634 | 705 | 793 | 881 | 969 | 1057 | 1145 | | |
| 6S-181 D/1 * | 18,5 | 25 | 1,15 | 45,4 | 37,5 | | 0 | 108 | 126 | 144 | 160 | 180 | 200 | 220 | 240 | 260 | | |
| 6S-181 D/2A * | 22 | 30 | 1,15 | 53 | 44 | | 0 | 1800 | 2100 | 2400 | 2667 | 3000 | 3333 | 3667 | 4000 | 4333 | | |
| 6S-181 D/2 * | 30 | 40 | 1,15 | 70 | 57,4 | | 33 | 25,5 | 24 | 22,5 | 21 | 18,5 | 16 | 12,5 | 8,5 | | | |
| 6S-181 D/3A * | 37 | 50 | 1,15 | 88 | 73 | | 40 | 32,5 | 31 | 29 | 27,5 | 25 | 22,5 | 19,5 | 16 | 11 | | |
| 6S-181 D/3 * | 52 | 70 | 1,15 | 120 | 99 | | 66 | 51 | 48 | 45 | 42 | 37 | 32 | 25 | 17 | | | |
| 6S-181 D/4A * | 45 | 60 | 1,15 | 108 | 89 | | 80 | 65 | 62 | 58 | 55 | 50 | 45 | 39 | 32 | 22 | | |
| 6S-181 D/4 * | 67 | 90 | 1,15 | 160 | 132 | | 99 | 76,5 | 72 | 67,5 | 63 | 55,5 | 48 | 37,5 | 25,5 | | | |
| 6S-181 D/6A | 75 | 100 | 1,15 | 174 | 143 | | 120 | 97,5 | 93 | 87 | 82,5 | 75 | 67,5 | 58,5 | 48 | 33 | | |
| 6S-181 D/7A | 83 | 113 | 1,15 | 194 | 160 | | 132 | 102 | 96 | 90 | 84 | 74 | 64 | 50 | 34 | | | |
| 6S-181 D/6 | 110 | 150 | 1,15 | 260 | 215 | | 160 | 130 | 124 | 116 | 110 | 100 | 90 | 78 | 64 | 44 | | |
| 6S-181 D/8A | 92 | 125 | 1,15 | 208 | 172 | | 198 | 153 | 144 | 135 | 126 | 111 | 96 | 75 | 51 | | | |
| | | | | | | | 231 | 178,5 | 168 | 157,5 | 147 | 129,5 | 112 | 87,5 | 59,5 | | | |
| | | | | | | | 240 | 195 | 186 | 174 | 165 | 150 | 135 | 117 | 96 | 66 | | |
| | | | | | | 264 | 204 | 192 | 180 | 168 | 148 | 128 | 110 | 68 | | | | |

Livello minimo di battente alla griglia di aspirazione (m) • Min. hydrostatic head level to the suction grid (m) • Nivel de sumergencia min. de rejilla de aspiración (m)



* Funzionamento in orizzontale possibile con pompa e motore della stessa taglia (8"). Si raccomanda la corretta posa dei supporti onde evitare che l'elettropompa lavori a sbalzo. • Horizontal operation is possible with pump and motor of the same size (8"). The motor shall be correctly installed with the relative supports in order to ensure the electric pump works properly. • El funcionamiento en posición horizontal es posible con bomba y motor de la misma medida (8"). Se aconseja colocar correctamente los soportes oportunos para evitar que la electrobomba funcione en voladizo.
 • Potenza nominale motore • Rated power of motor • Potencia nominal del motor.

DIMENSIONI E PESI
DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS

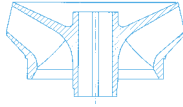
| Tipo / Type | | T (mm) | H (mm) | L (mm) | Ø Max (mm) | Ø D "G | Ø d (mm) | Motore Motor | NEMA | Peso Weight (Kg) | |
|-------------|------------|-----------|-----------|-----------|---------------|-----------|-------------|-----------------|----------|---------------------|-------|
| T | H | | | | | | | | | H | T |
| 6S181 D/1A | SP181 D/1A | 1335 | 610 | 725 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 39 | 101 |
| 6S181 D/1 | SP181 D/1 | 1485 | 610 | 875 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 39 | 120 |
| 6S181 D/2A | SP181 D/2A | 1715 | 750 | 965 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 50,5 | 141,5 |
| 6S181 D/2 | SP181 D/2 | 1885 | 750 | 1135 | 202 | 5" | 144 | 6"MS152 | 1.18.413 | 50,5 | 159,5 |
| 6S181 D/3A | SP181 D/3A | 2115 | 890 | 1225 | 202 | 5" | 144 | 6"MS153 | 1.18.413 | 62 | 182 |
| 6S181 D/3 | SP181 D/3 | 1955 | 890 | 1065 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 62 | 232 |
| 6S181 D/4A | SP181 D/4A | 2025 | 1030 | 995 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 73,5 | 229,5 |
| 6S181 D/4 | SP181 D/4 | 2265 | 1030 | 1235 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 73,5 | 277,5 |
| 6S181 D/6A | SP181 D/6A | 2645 | 1310 | 1335 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 96,5 | 319,5 |
| 6S181 D/7A | SP181 D/7A | 2865 | 1450 | 1415 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 108 | 347 |
| 6S181 D/6 | SP181 D/6 | 2895 | 1310 | 1585 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 96,5 | 369,5 |
| 6S181 D/8A | SP181 D/8A | 3085 | 1590 | 1495 | 202 | 5" | 192 | 8"MS201 | 1.18.424 | 119,5 | 374,5 |



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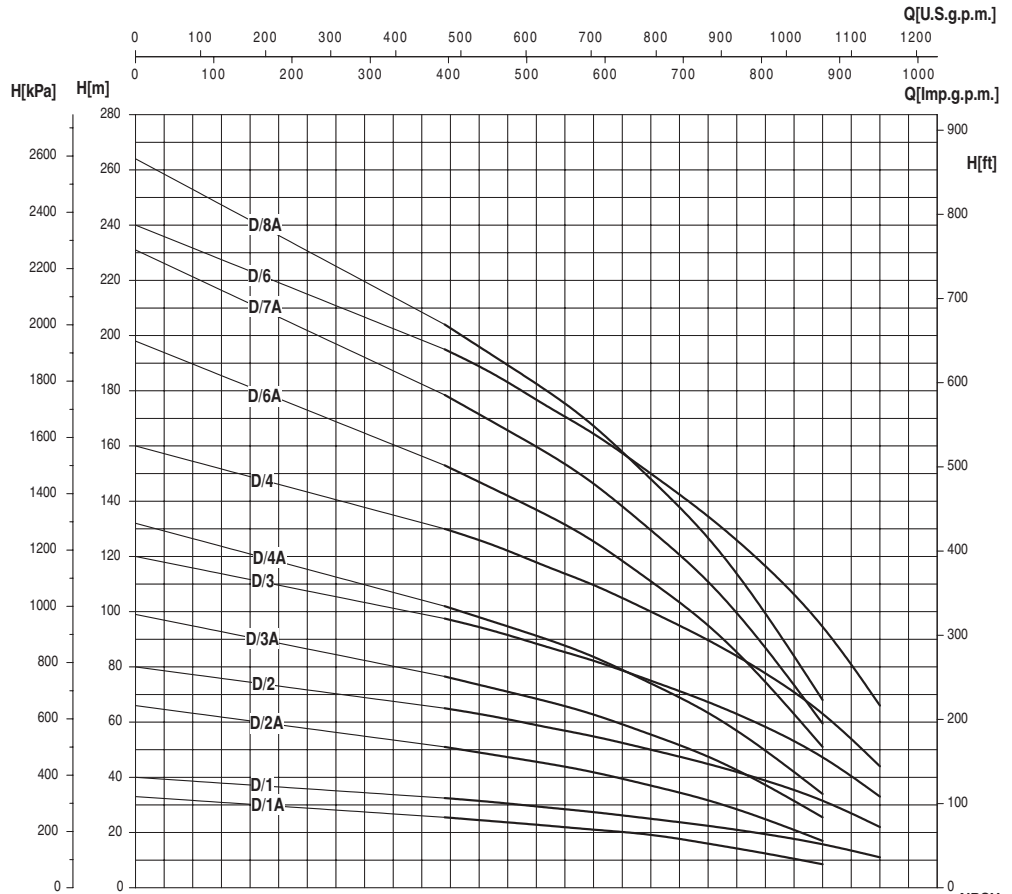
8"

ELETTROPOMPE



6S-181D

≈ 3600 l/min



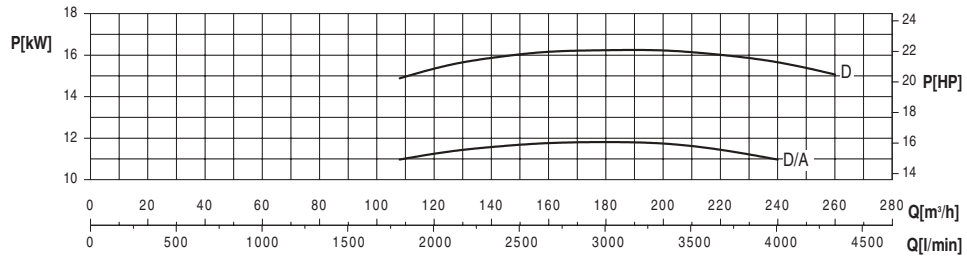
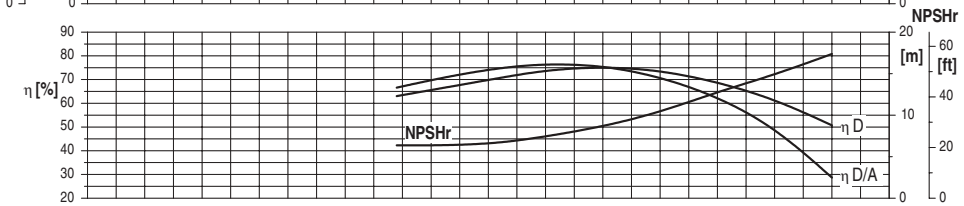
Moltiplicare il rendimento per il coefficiente corrispondente al vostro numero di stadi.

Multiply efficiency by the coefficient corresponding to the number of stages.

Multiplicar el rendimiento por el coeficiente correspondiente a su número de etapas.

| | | | | |
|--|------|------|------|----|
| Numero di stadi Number of stage Numero de etapas | <5 | 5-6 | 7-8 | >8 |
| Coefficienti Coefficient Coeficiente | 0,97 | 0,98 | 0,99 | 1 |

- Potenza assorbita per stadio
- Absorbed power for each single stage
- Potencia absorbida por cada etapa



Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A • Las curvas de rendimiento se refieren a valores de viscosidad cinemática = 1 mm²/s y densidad de 1000 Kg/m³. Tolerancia de las curvas de acuerdo con UNI EN ISO 9906 - Parrafo A.

Dati validi anche per serie 6XS-6XVS • Data admits also for series 6XS-6XVS • Datos validos tambien para serie 6XS-6XVS.

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