



10"

SAER®
ELETTROPOMPE
6S-252

ELETTROPOMPE SOMMERSE 10" SEMIASSIALI
10" SEMI-AXIAL SUBMERSIBLE ELECTRIC PUMPS
ELECTROBOMBAS SUMERGIDAS SEMIAJIALES 10"
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 264 mm, vasche o bacini naturali.

CARATTERISTICHE COSTRUTTIVE

6S-252: gruppo elettropompa completo con motore a bagno d'acqua 8" serie MS201 (fino a 92 kW) o con motore a bagno d'acqua 10" serie MS251 (a partire da 110 kW)

SP-252: idraulica accoppiabile a motori sommersi 8" con attacco secondo NEMA 18.414-18.424 o motori sommersi 10" (per l'accoppiamento, fare riferimento alla documentazione specifica per motori sommersi).

Giranti semiasiali.

Bocca di mandata completa di valvola di ritegno.

Contropinta: pompa dotata di anello di contropinta 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.

Diffusori: ghisa EN-GJL-250.

Albero in acciaio inossidabile AISI431, con bussola conica (albero a profilo scanalato per serie XS-XVS).

Bocca di mandata: ghisa EN-GJL-250

Supporto di aspirazione: ghisa EN-GJL-250

Dimensioni e tipologia bocche di mandata:

| Tipologia bocche di mandata | 6S-252 | 6SB-252 | 6XS-252/6XVS-252 |
|-----------------------------|-------------|----------|------------------|
| Filettata 6" G | Standard | Standard | Standard |
| Flangiata | A richiesta | / | / |
| Filettata 6" 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: 30 bar.

Profondità massima di immersione: 300 m

Senso di rotazione: orario, osservando dalla bocca di mandata.

Prestazioni a 3600 1/min

6S-252 A Qmax: 320 m³/h / Hmax: 276 m

6S-252 B Qmax: 450 m³/h / Hmax: 248 m

TOLLERANZE PRESTAZIONI

Pompe: UNI EN ISO 9906 Appendix 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 264 mm, tanks or natural basins.

CONSTRUCTION FEATURES

6S-252: complete unit of pump with 8" water filled electric motor MS201 series (up to 92 kW) or 10" water filled electric motor MS251 series (starting from 110 kW).

SP-252: hydraulic part to be connected with 8" submersible motors with coupling following NEMA 18.414-18.424 or 10" submersible motors (For coupling, please refer to the specific documentation for the submersible motors).

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.

Diffusers: cast iron EN-GJL-250.

Shaft in AISI431 stainless steel with conic bushing (6XS and 6XVS series: shaft with grooved profile).

Outlet: cast iron EN-GJL-250

Suction support: cast iron EN-GJL-250

Dimensions and type of outlet:

| Outlet type | 6S-252 | 6SB-252 | 6XS-252/6XVS-252 |
|--------------------|--------------|----------|------------------|
| Threaded exit 6" G | Standard | Standard | Standard |
| Flanged outlet | Upon request | / | / |
| Threaded 6" 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: 30 bar.

Maximum immersion depth: 300 m under liquid level.

Direction of rotation: clockwise, looking by the outlet.

Performance at 3600 rpm

6S-252 A Qmax: 320 m³/h / Hmax: 276 m

6S-252 B Qmax: 450 m³/h / Hmax: 248 m

PERFORMANCE TOLLERANCES

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 264 mm, tanques y cuencas.

CARACTERISTICAS DE CONSTRUCCION

6S-252: grupo electrobomba completo con motor en bano de agua 8" serie MS201 (asta 92 kW) o 10" serie MS251 (a partir de 110 kW).

SP-252: parte hidraulica para ensamblaje con motores sumergidos 8" con ataque segun NEMA MG1-18.414-18.424 o con motores sumergidos 10" (para el acoplamiento, hacer referencia a la documentación especifica para motores sumergidos).

Impulsores semiaxiales.

Boca de descarga completa con valvula de retencion.

Bomba equipada con anillo de contra-empuje en resina antidesgaste.

Diffusor 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.

Difusores: fundicion gris EN-GJL-250.

Eje en acero inoxidable AISI431 con casquillo conico (6XS and 6XVS: eje con perfil en ranura).

Boca de descarga y soporte de aspiracion: fundicion gris EN-GJL-250

Dimensiones y tipo bocas de descarga:

| Tipo bocas de descarga | 6S-252 | 6SB-252 | 6XS-252/6XVS-252 |
|------------------------|-------------|----------|------------------|
| Enroscada 6" G | Standard | Standard | Standard |
| Boca de salida | Bajo pedido | / | / |
| Enroscada 6" NPT | Bajo pedido | / | / |

DATOS DE FUNCIONAMIENTO

Fluido: quimicamente y mecanicamente no agresivo, sin cuerpos solidos o particulas abrasivas.

Passaje cuerpos solidos: max 3 mm, contenido máximo de particulas sólidas 50 g/m³.

Temperatura del liquido bombeado: min 0°C max 30°C (para valores superiores consultar verificación).

Presion de funcionamiento maxima: 30 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

6S-252 A Qmax: 320 m³/h / Hmax: 276 m

6S-252 B Qmax: 450 m³/h / Hmax: 248 m

TOLERANCIAS PRESTACIONES

Bombas: UNI EN ISO 9906 Parrfo 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



SAER®

ELETTROPOMPE

10"

COMPONENTI PRINCIPALI

MAIN COMPONENTS
COMPONENTES PRINCIPALES

6S-252

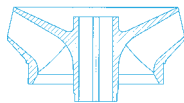
A-B

| COMPONENTE COMPONENT • COMPONENTE | VERSIONE VERSION • VERSIÓN | | | |
|--|---|---|---|----------------------------------|
| | 6S-252 | 6SB-252 | 6XS-252 | 6XVS-252 |
| 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 | Ghisa Cast iron Fundicion gris EN-GJL-250 | Bronzo Bronze Bronce G-CuSn10 | Acciaio inox Stainless steel Acero inox AISI316 (1.4408) | |
| Diffusore Diffuser Difusor | Ghisa Cast iron Fundicion gris EN-GJL-250 | Bronzo Bronze Bronce G-CuSn10 | Acciaio inox Stainless steel Acero inox AISI316 (1.4408) | |
| Supporto aspirazione Suction support Soporte de aspiración | Ghisa Cast iron Fundicion gris EN-GJL-250 | Bronzo Bronze Bronce G-CuSn10 | Acciaio inox Stainless steel Acero inox AISI316 (1.4408) | |
| Bocca di mandata Outlet Orificio de impulsión | Ghisa Cast iron Fundicion gris EN-GJL-250 | Bronzo Bronze Bronce 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 | MS201 / MS251 | MSB201 / MSB251 | MSX201 / MSX251 | |

Elenco completo dei componenti a pag. 166-169 • Complete list of the components on page 166-169 • Lista completa de los componentes a la página 166-169.



10"

SAER®
ELETTROPOMPE
6S-252
A-B

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. Q | Flow Rate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|-----|------|------------------------|------|-----------------|-----------|-------|-------|-------|-------|-------|-------|------|------|------|------|-----|-----|-----|-----|-------|-------|-------|------|------|-----|------|-------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|
| | kW | HP | | 380V | | | 460V | | m³/h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 380V | 460V | | l/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/1 * | 45 | 60 | 1,15 | 108 | 89 | H (m) | 0 | 528 | 793 | 881 | 1057 | 1145 | 1233 | 1321 | 1409 | 1761 | 1981 | 0 | 120 | 180 | 200 | 240 | 260 | 280 | 300 | 320 | 400 | 450 | 0 | 2000 | 3000 | 3333 | 4000 | 4333 | 4667 | 5000 | 5333 | 6667 | 7500 | | | | | |
| 6S252-A/2A * | 67 | 90 | 1,15 | 160 | 132 | | 69 | 58 | 54 | 53 | 49,5 | 47 | 44,5 | 41 | 36 | | | 115 | 96 | 84 | 81 | 74 | 69 | 64 | 58 | 50 | | | | | | | | | | | | | | | | | | |
| 6S252-A/2 * | 92 | 125 | 1,15 | 208 | 172 | | 138 | 116 | 108 | 106 | 99 | 94 | 89 | 82 | 72 | | | 172 | 144 | 126 | 121 | 111 | 103,5 | 96 | 87 | 75 | | | | | | | | | | | | | | | | | | |
| 6S252-A/3A * | 92 | 125 | 1,15 | 208 | 172 | | 190,5 | 160,5 | 145,5 | 141 | 130,5 | 123 | 114 | 105 | 93 | | | 207 | 174 | 162 | 159 | 148,5 | 141 | 133,5 | 123 | 108 | | | | | | | | | | | | | | | | | | |
| 6S252-A/3B * | 110 | 150 | 1,15 | 247 | 204 | | 276 | 232 | 216 | 212 | 198 | 188 | 178 | 164 | 144 | | | 254 | 214 | 194 | 188 | 174 | 164 | 152 | 140 | 124 | | | | | | | | | | | | | | | | | | |
| 6S252-A/3 * | 132 | 180 | 1,15 | 296 | 245 | | 287,5 | 240 | 210 | 202,5 | 185 | 172,5 | 160 | 145 | 125 | | | 276 | 232 | 216 | 212 | 198 | 188 | 178 | 164 | 144 | | | | | | | | | | | | | | | | | | |
| 6S252-A/4B | 150 | 200 | 1,15 | 329 | 272 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/5A | 170 | 230 | 1,15 | 375 | 310 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/4 | 185 | 250 | 1,15 | 412 | 340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S252-B/1B * | 45 | 60 | 1,15 | 108 | 89 | H (m) | | | | | | | | | | | 57 | | | | 45 | 43 | 41 | 38,5 | 38 | 36,5 | 27 | | | | | | | | | | | | | | | | | |
| 6S252-B/1C * | 52 | 70 | 1,15 | 120 | 99 | | 62 | | | | 50 | 47 | 45,5 | 43,5 | 43 | 41,5 | 32,5 | 25 | 69 | | | | 55 | 52,5 | 50,5 | 48,5 | 48 | 47 | 38,5 | 30 | | | | | | | | | | | | | | |
| 6S252-B/1 * | 60 | 80 | 1,15 | 139 | 115 | | 114 | | | | 90 | 85,5 | 81,5 | 77,5 | 76 | 73,5 | 54 | | 124 | | | | 100 | 94 | 91 | 87,5 | 86 | 83,5 | 65 | 50 | | | | | | | | | | | | | | |
| 6S252-B/2B * | 83 | 113 | 1,15 | 194 | 160 | | 138 | | | | 110 | 105 | 101,5 | 97,5 | 96 | 94 | 77 | 60 | 171 | | | | 135 | 128 | 122 | 116 | 114 | 110 | 81 | | | | | | | | | | | | | | | |
| 6S252-B/2C * | 92 | 125 | 1,15 | 208 | 172 | | 186 | | | | 150 | 141 | 136,5 | 13 | 129 | 125 | 97,5 | 75 | 207 | | | | 165 | 157,5 | 152 | 146 | 144 | 141 | 115,5 | 90 | | | | | | | | | | | | | | |
| 6S252-B/2 * | 132 | 180 | 1,15 | 296 | 245 | | 248 | | | | 200 | 188 | 182 | 175 | 172 | 167 | 130 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S252-B/3B * | 132 | 180 | 1,15 | 296 | 245 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S252-B/3C | 150 | 200 | 1,15 | 329 | 272 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S252-B/3 | 170 | 230 | 1,15 | 375 | 310 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S252-B/4C | 185 | 250 | 1,15 | 412 | 340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 (pompa e motore della stessa taglia a partire da 75 kW). Si raccomanda la corretta posa dei supporti onde evitare che l'elettropompa lavori a sbalzo. • Horizontal operation is possible (pump and motor of the same size starting from 75 kW). 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 (bomba y motor de la misma medida a partir de 75 kW). 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



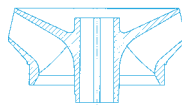
SAER®

ELETTROPOMPE

10"

TABELLA DELLE CARATTERISTICHE IDRAULICHE

TABLE OF THE HYDRAULIC FEATURES
TABLA DE LAS CARACTERISTICAS HIDRAULICAS



6XS-252B

3600 l/min

| Tipo Type | Motore Motor | | S.F. | Isf (A) 3~ | | Q | U.S.g.p.m. | | | | | | | | | | | | |
|---|-----------------|-----|------|------------|------|----------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|---|
| | kW | HP | | 380V | 460V | | 0 | | | | | | | | | | | | |
| | | | | | | | m ³ /h | | | | | | | | | | | | |
| | | | | | | | l/min | | | | | | | | | | | | |
| 6XS-252 B/1B * | 37 | 50 | 1,15 | 91 | 75 | H (m) | 54 | 38 | 37 | 36 | 32 | 28 | 25 | 20 | 14 | | | | |
| 6XS-252 B/1C * | 45 | 60 | 1,15 | 108 | 89 | | 60 | 43 | 42 | 41 | 39 | 36 | 33 | 30 | 25 | 20 | 15 | | |
| 6XS-252 B/1 * | 52 | 70 | 1,15 | 120 | 99 | | 67 | 56 | 54 | 53 | 51 | 48 | 46 | 43 | 40 | 36 | 31 | | |
| 6XS-252 B/2B * | 75 | 100 | 1,15 | 174 | 143 | | 109 | 77 | 74 | 72 | 64 | 57 | 50 | 40 | 28 | | | | |
| 6XS-252 B/2C * | 92 | 125 | 1,15 | 208 | 172 | | 120 | 90 | 86 | 83 | 80 | 74 | 69 | 61 | 53 | 47 | 37 | | |
| 6XS-252 B/3B * | 110 | 150 | 1,15 | 247 | 204 | | 162 | 114 | 111 | 108 | 96 | 84 | 75 | 60 | 42 | | | | |
| 6XS-252 B/2 * | 132 | 180 | 1,15 | 296 | 245 | | 135 | 112 | 109 | 106 | 103 | 97 | 95 | 89 | 80 | 74 | 63 | | |
| 6XS-252 B/3C * | 132 | 180 | 1,15 | 296 | 245 | | 180 | 132 | 129 | 125 | 119 | 110 | 102 | 90 | 76 | 63 | 47 | | |
| 6XS-252 B/4B | 150 | 200 | 1,15 | 329 | 272 | | 218 | 154 | 148 | 144 | 128 | 114 | 100 | 80 | 56 | | | | |
| 6XS-252 B/4C | 170 | 230 | 1,15 | 375 | 310 | | 240 | 180 | 172 | 166 | 160 | 148 | 138 | 122 | 106 | 94 | 74 | | |
| 6XS-252 B/3 | 185 | 250 | 1,15 | 412 | 340 | | 202 | 168 | 164 | 159 | 152 | 146 | 139 | 131 | 120 | 108 | 95 | | |
| 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 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

* Funzionamento in orizzontale possibile (pompa e motore della stessa taglia a partire da 75 kW). Si raccomanda la corretta posa dei supporti onde evitare che l'elettropompa lavori a sbalzo. • Horizontal operation is possible (pump and motor of the same size starting from 75 kW). 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 (bomba y motor de la misma medida a partir de 75 kW). Se aconseja colocar correctamente los soportes oportunos para evitar que la electrobomba funcione en voladizo.

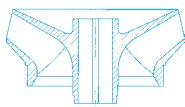
• Potenza nominale motore • Rated power of motor • Potencia nominal del motor



10"

SAER®
ELETTROPOMPE

6S-252A

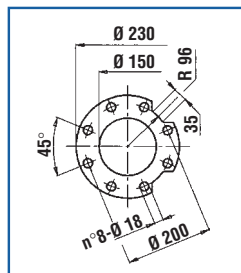
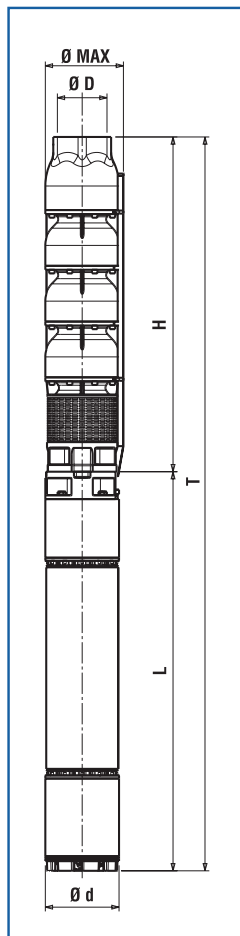

 \cong 3600 1/min

CARATTERISTICHE IDRAULICHE
HYDRAULIC FEATURES / CARACTERISTICAS HIDRAULICAS

| Tipo Type | Motore Motor | | S.F. | Isf (A) 3~ | | U.S.g.p.m. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|-----|------|------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|--|--|--|
| | kW | HP | | 380V | 460V | Q | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | m ³ /h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | l/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 0 | 528 | 616 | 705 | 793 | 881 | 969 | 1057 | 1145 | 1233 | 1321 | 1409 | 0 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | | | | | | | | | |
| | | | | | | 0 | 2000 | 2333 | 2667 | 3000 | 3333 | 3667 | 4000 | 4333 | 4667 | 5000 | 5333 | | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/1 * | 45 | 60 | 1,15 | 108 | 89 | H (m) | 69 | 58 | 56 | 55 | 54 | 53 | 51 | 49,5 | 47 | 44,5 | 41 | 36 | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/2A * | 67 | 90 | 1,15 | 160 | 132 | | 115 | 96 | 91 | 88 | 84 | 81 | 78 | 74 | 69 | 64 | 58 | 50 | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/2 * | 92 | 125 | 1,15 | 208 | 172 | | 138 | 116 | 112 | 110 | 108 | 106 | 102 | 99 | 94 | 89 | 82 | 72 | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/3A * | 92 | 125 | 1,15 | 208 | 172 | | 172 | 144 | 136,5 | 132 | 126 | 121 | 117 | 111 | 103,5 | 96 | 87 | 75 | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/3B * | 110 | 150 | 1,15 | 247 | 204 | | 190,5 | 160,5 | 154,5 | 148,5 | 145,5 | 141 | 135 | 130,5 | 123 | 114 | 105 | 93 | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/3 * | 132 | 180 | 1,15 | 296 | 245 | | 207 | 174 | 168 | 165 | 162 | 159 | 153 | 148,5 | 141 | 133,5 | 123 | 108 | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/4B | 150 | 200 | 1,15 | 329 | 272 | | 254 | 214 | 206 | 198 | 194 | 188 | 180 | 174 | 164 | 152 | 140 | 124 | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/5A | 170 | 230 | 1,15 | 375 | 310 | | 287,5 | 240 | 228 | 220 | 210 | 202,5 | 195,0 | 185 | 172,5 | 160 | 145 | 125 | | | | | | | | | | | | | | | | | | | | |
| 6S252-A/4 | 185 | 250 | 1,15 | 412 | 340 | | 276 | 232 | 224 | 220 | 216 | 212 | 204 | 198 | 188 | 178 | 164 | 144 | | | | | | | | | | | | | | | | | | | | |
| 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 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | | | | | | | | | | | | | | | | | | | | |

* Funzionamento in orizzontale possibile (pompa e motore della stessa taglia a partire da 75 kW). Si raccomanda la corretta posa dei supporti onde evitare che l'elettropompa lavori a sbalzo. • Horizontal operation is possible (pump and motor of the same size starting from 75 kW). 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 (bomba y motor de la misma medida a partir de 75 kW). 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-252 A/1 | SP-252 A/1 | 1728 | 733 | 995 | 255 | 6" | 192 | 8" MS 201 | 1.18.424 | 66 | 222 |
| 6S-252 A/2A | SP-252 A/2A | 2151 | 916 | 1235 | 255 | 6" | 192 | 8" MS 201 | 1.18.424 | 87,5 | 291,5 |
| 6S-252 A/2 | SP-252 A/2 | 2411 | 916 | 1495 | 255 | 6" | 192 | 8" MS 201 | 1.18.424 | 87,5 | 342,5 |
| 6S-252 A/3A | SP-252 A/3A | 2594 | 1099 | 1495 | 255 | 6" | 192 | 8" MS 201 | 1.18.424 | 109 | 364 |
| 6S-252 A/3B | SP-252 A/3B | 2684 | 1099 | 1585 | 255 | 6" | 238 | 10" MS 251 | - | 109 | 382 |
| 6S-252 A/3 | SP-252 A/3 | 2669 | 1099 | 1570 | 255 | 6" | 238 | 10" MS 251 | - | 109 | 507 |
| 6S-252 A/4B | SP-252 A/4B | 2942 | 1282 | 1660 | 255 | 6" | 238 | 10" MS 251 | - | 130,5 | 550,5 |
| 6S-252 A/5A | SP-252 A/5A | 3265 | 1465 | 1800 | 255 | 6" | 238 | 10" MS 251 | - | 152 | 606 |
| 6S-252 A/4 | SP-252 A/4 | 3192 | 1282 | 1910 | 255 | 6" | 238 | 10" MS 251 | - | 130,5 | 611,5 |

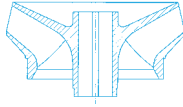


SAER®

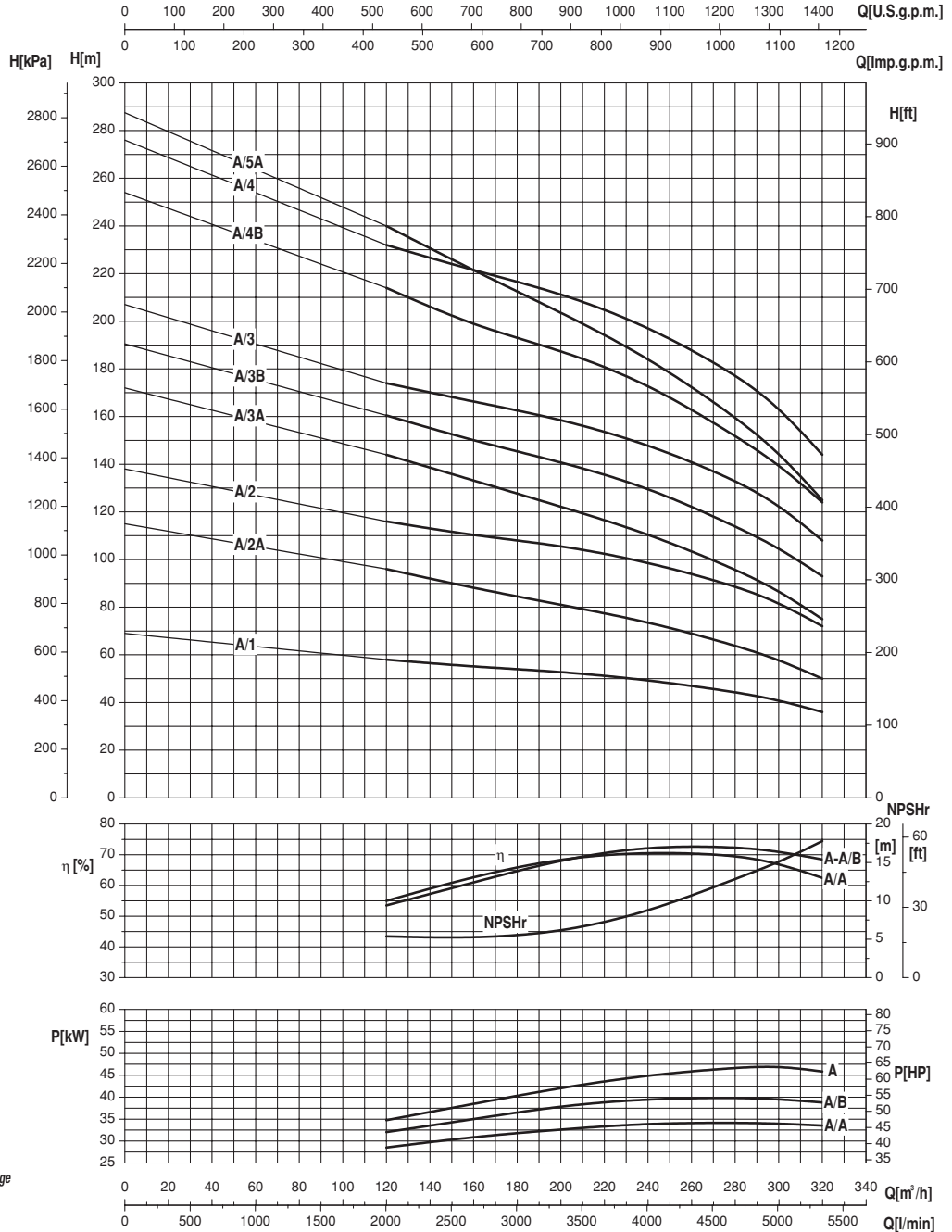
ELETTROPOMPE

10"

≈ 3600 l/min



6S-252A



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 | 1 | 2 | 3 | >3 |
| 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.

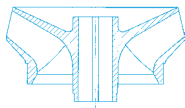
Dati validi anche per serie 6XS-252A • Data admits also for series 6XS-252A • Datos validos tambien para serie 6XS-252A.



10"

SAER®
ELETTROPOMPE

6S-252B

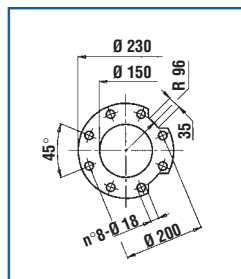
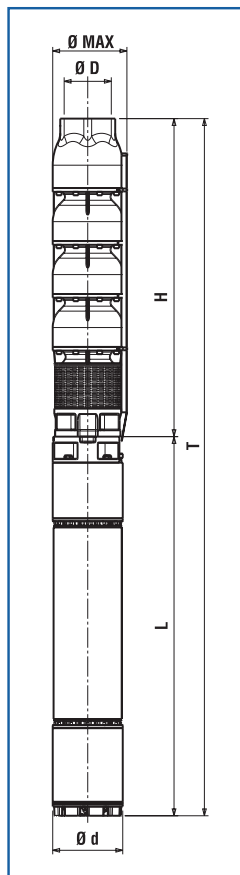

 $\cong 3600$ 1/min

CARATTERISTICHE IDRAULICHE
HYDRAULIC FEATURES / CARACTERISTICAS HIDRAULICAS

| Tipo Type | Motore Motor | | S.F. | I _{sf} (A) 3~ | | U.S.g.p.m. Q | Flow Rate | | | | | | | | | | | | | |
|---|-----------------|-----|------|------------------------|------|-----------------|-----------|-----|-------|-------|-----|-----|-------|-------|-----|-------|------|-----|--|--|
| | kW | HP | | 380V | 460V | | m³/h | | | | | | | | | | | | | |
| | | | | | | | l/min | | | | | | | | | | | | | |
| 6S-252 B/1B * | 45 | 60 | 1,15 | 108 | 89 | H (m) | 57 | 45 | 44 | 42 | 40 | 38 | 36 | 33 | 30 | 27 | 22,5 | | | |
| 6S-252 B/1C * | 52 | 70 | 1,15 | 120 | 99 | | 62 | 50 | 48 | 46,5 | 45 | 43 | 41 | 38,5 | 36 | 32,5 | 29 | 25 | | |
| 6S-252 B/1 * | 60 | 80 | 1,15 | 139 | 115 | | 69 | 55 | 53,5 | 52 | 50 | 48 | 46,5 | 44 | 42 | 38,5 | 34 | 30 | | |
| 6S-252 B/2B * | 83 | 113 | 1,15 | 194 | 160 | | 114 | 90 | 88 | 84 | 80 | 76 | 72 | 66 | 60 | 54 | 45 | | | |
| 6S-252 B/2C * | 92 | 125 | 1,15 | 208 | 172 | | 124 | 100 | 96 | 93 | 90 | 86 | 82 | 77 | 72 | 65 | 58 | 50 | | |
| 6S-252 B/2 * | 132 | 180 | 1,15 | 296 | 245 | | 138 | 110 | 107 | 104 | 100 | 96 | 93 | 88 | 84 | 77 | 68 | 60 | | |
| 6S-252 B/3B * | 132 | 180 | 1,15 | 296 | 245 | | 171 | 135 | 132 | 126 | 120 | 114 | 108 | 99 | 90 | 81 | 67,5 | | | |
| 6S-252 B/3C | 150 | 200 | 1,15 | 329 | 272 | | 186 | 150 | 144 | 139,5 | 135 | 129 | 123 | 115,5 | 108 | 97,5 | 87 | 75 | | |
| 6S-252 B/3 | 170 | 230 | 1,15 | 375 | 310 | | 207 | 165 | 160,5 | 156 | 150 | 144 | 139,5 | 132 | 126 | 115,5 | 102 | 90 | | |
| 6S-252 B/4C | 185 | 250 | 1,15 | 412 | 340 | | 248 | 200 | 192 | 186 | 180 | 172 | 164 | 154 | 144 | 130 | 116 | 100 | | |
| 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 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |

* Funzionamento in orizzontale possibile (pompa e motore della stessa taglia a partire da 75 kW). Si raccomanda la corretta posa dei supporti onde evitare che l'elettropompa lavori a sbalzo. • Horizontal operation is possible (pump and motor of the same size starting from 75 kW). 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 (bomba y motor de la misma medida a partir de 75 kW). 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-252 B/1B * | SP-252 B/1B | 1728 | 733 | 995 | 255 | 6" | 192 | 8" MS 201 | 1.18.424 | 67 | 223 |
| 6S-252 B/1C * | SP-252 B/1C | 1798 | 733 | 1065 | 255 | 6" | 192 | 8" MS 201 | 1.18.424 | 67 | 237 |
| 6S-252 B/1 * | SP-252 /1 | 1868 | 733 | 1135 | 255 | 6" | 192 | 8" MS 201 | 1.18.424 | 67 | 251 |
| 6S-252 B/2B * | SP-252 B/2B | 2331 | 916 | 1415 | 255 | 6" | 192 | 8" MS 201 | 1.18.424 | 88,5 | 327,5 |
| 6S-252 B/2C * | SP-252 B/2C | 2411 | 916 | 1495 | 255 | 6" | 192 | 8" MS 201 | 1.18.424 | 88,5 | 343,5 |
| 6S-252 B/2 * | SP-252 B/2 | 2486 | 916 | 1570 | 255 | 6" | 238 | 10" MS 251 | - | 88,5 | 486,5 |
| 6S-252 B/3B * | SP-252 B/3B | 2669 | 1099 | 1570 | 255 | 6" | 238 | 10" MS 251 | - | 110 | 508 |
| 6S-252 B/3C | SP-252 B/3C | 2759 | 1099 | 1660 | 255 | 6" | 238 | 10" MS 251 | - | 110 | 530 |
| 6S-252 B/3 | SP-252 B/3 | 2899 | 1099 | 1800 | 255 | 6" | 238 | 10" MS 251 | - | 110 | 564 |
| 6S-252 B/4C | SP-252 B/4C | 3192 | 1282 | 1910 | 255 | 6" | 238 | 10" MS 251 | - | 131,5 | 612,5 |

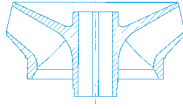


SAER®

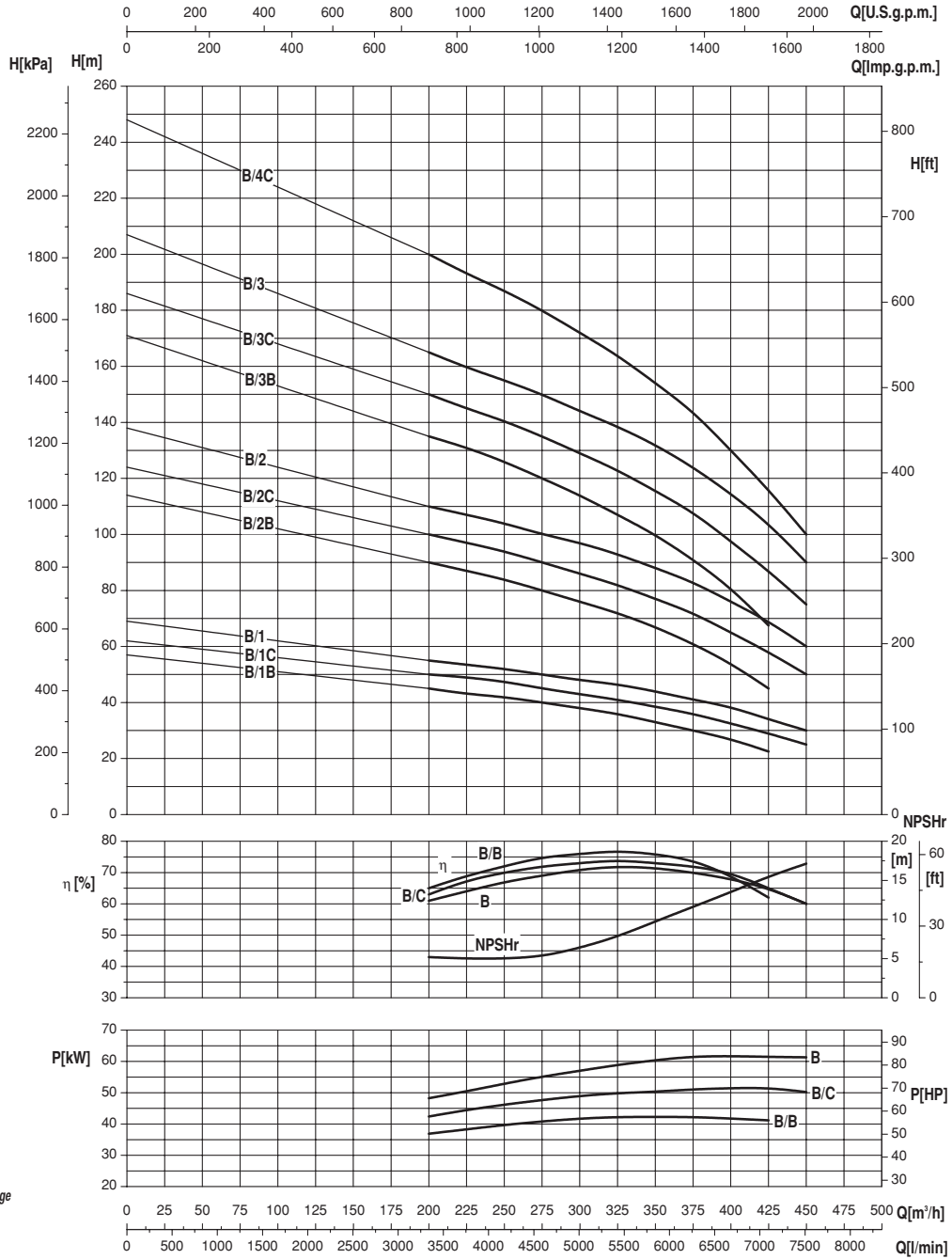
ELETTROPOMPE

10"

≈ 3600 1/min



6S-252B



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 | 1 | 2 | 3 | >3 |
| 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.

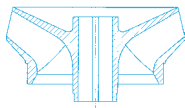
I dati sono riferiti a metallurgia standard. Per versioni 6XS-6XVS-6SB vedere dati specifici. • The data are referred to standard metallurgy. For versions 6XS-6XVS-6SB, please refer to specific data. • Los datos se refieren a metallurgia estandard. Para versiones 6XS-6XVS-6SB hacer referencia a los datos específicos.



10"

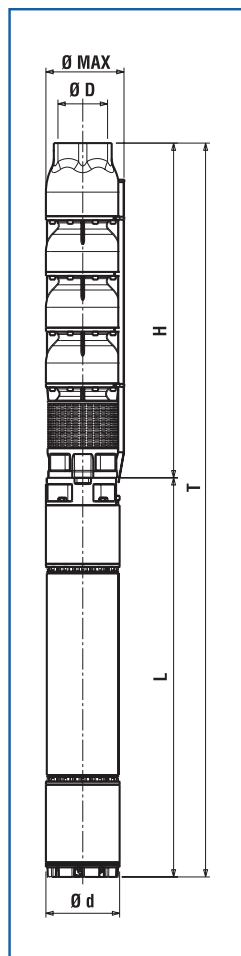
SAER®
ELETTROPOMPE

6XS-252B


 $\cong 3600$ 1/min

CARATTERISTICHE IDRAULICHE
HYDRAULIC FEATURES / CARACTERISTICAS HIDRAULICAS

| Tipo Type | Motore Motor | | S.F. | I _{sf} (A) 3~ | | U.S.g.p.m. Q | 0 | 942 | 1056 | 1166 | 1276 | 1386 | 1474 | 1584 | 1684 | 1804 | 1914 | | |
|---|-----------------|-----|------|------------------------|-----|-----------------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | kW | HP | | m ³ /h | 0 | | 215 | 240 | 265 | 290 | 315 | 335 | 360 | 385 | 410 | 435 | | | |
| | | | | l/min | 0 | | 3583 | 4000 | 4417 | 4833 | 5250 | 5583 | 6000 | 6417 | 6833 | 7264 | | | |
| 6XS-252 B/1B * | 37 | 50 | 1,15 | 91 | 75 | H (m) | 54 | 38 | 37 | 36 | 32 | 28 | 25 | 20 | 14 | | | | |
| 6XS-252 B/1C * | 45 | 60 | 1,15 | 108 | 89 | | 60 | 43 | 42 | 41 | 39 | 36 | 33 | 30 | 25 | 20 | 15 | | |
| 6XS-252 B/1 * | 52 | 70 | 1,15 | 120 | 99 | | 67 | 56 | 54 | 53 | 51 | 48 | 46 | 43 | 40 | 36 | 31 | | |
| 6XS-252 B/2B * | 75 | 100 | 1,15 | 174 | 143 | | 109 | 77 | 74 | 72 | 64 | 57 | 50 | 40 | 28 | | | | |
| 6XS-252 B/2C * | 92 | 125 | 1,15 | 208 | 172 | | 120 | 90 | 86 | 83 | 80 | 74 | 69 | 61 | 53 | 47 | 37 | | |
| 6XS-252 B/3B * | 110 | 150 | 1,15 | 247 | 204 | | 162 | 114 | 111 | 108 | 96 | 84 | 75 | 60 | 42 | | | | |
| 6XS-252 B/2 * | 132 | 180 | 1,15 | 296 | 245 | | 135 | 112 | 109 | 106 | 103 | 97 | 95 | 89 | 80 | 74 | 63 | | |
| 6XS-252 B/3C * | 132 | 180 | 1,15 | 296 | 245 | | 180 | 132 | 129 | 125 | 119 | 110 | 102 | 90 | 76 | 63 | 47 | | |
| 6XS-252 B/4B | 150 | 200 | 1,15 | 329 | 272 | | 218 | 154 | 148 | 144 | 128 | 114 | 100 | 80 | 56 | | | | |
| 6XS-252 B/4C | 170 | 230 | 1,15 | 375 | 310 | | 240 | 180 | 172 | 166 | 160 | 148 | 138 | 122 | 106 | 94 | 74 | | |
| 6XS-252 B/3 | 185 | 250 | 1,15 | 412 | 340 | | 202 | 168 | 164 | 159 | 152 | 146 | 139 | 131 | 120 | 108 | 95 | | |
| 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 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | | | |



* Funzionamento in orizzontale possibile (pompa e motore della stessa taglia a partire da 75 kW). Si raccomanda la corretta posa dei supporti onde evitare che l'elettropompa lavori a sbalzo. • Horizontal operation is possible (pump and motor of the same size starting from 75 kW). 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 (bomba y motor de la misma medida a partir de 75 kW). 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 |
| 6XS-252 B/1B | XSP-252 B/1B | 1658 | 733 | 925 | 255 | 6" | 192 | 8" MSX 201 | 1.18.424 | 67 | 209 |
| 6XS-252 B/1C | XSP-252 B/1C | 1728 | 733 | 995 | 255 | 6" | 192 | 8" MSX 201 | 1.18.424 | 67 | 223 |
| 6XS-252 B/1 | XSP-252 B/1 | 1798 | 733 | 1065 | 255 | 6" | 192 | 8" MSX 201 | 1.18.424 | 67 | 237 |
| 6XS-252 B/2B | XSP-252 B/2B | 2251 | 916 | 1335 | 255 | 6" | 192 | 8" MSX 201 | 1.18.424 | 88,5 | 311,5 |
| 6XS-252 B/2C | XSP-252 B/2C | 2411 | 916 | 1495 | 255 | 6" | 192 | 8" MSX 201 | 1.18.424 | 88,5 | 343,5 |
| 6XS-252 B/3B | XSP-252 B/3B | 2684 | 1099 | 1585 | 255 | 6" | 238 | 10" MSX 251 | - | 110 | 383 |
| 6XS-252 B/2 | XSP-252 B/2 | 2486 | 916 | 1570 | 255 | 6" | 238 | 10" MSX 251 | - | 88,5 | 486,5 |
| 6XS-252 B/3C | XSP-252 B/3C | 2669 | 1099 | 1570 | 255 | 6" | 238 | 10" MSX 251 | - | 110 | 508 |
| 6XS-252 B/4B | XSP-252 B/4B | 3125 | 1465 | 1660 | 255 | 6" | 238 | 10" MSX 251 | - | 131 | 551 |
| 6XS-252 B/4C | XSP-252 B/4C | 3265 | 1465 | 1800 | 255 | 6" | 238 | 10" MSX 251 | - | 131 | 585 |
| 6XS-252 B/3 | XSP-252 B/3 | 3009 | 1099 | 1910 | 255 | 6" | 238 | 10" MSX 251 | - | 110 | 591 |

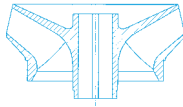


SAER®

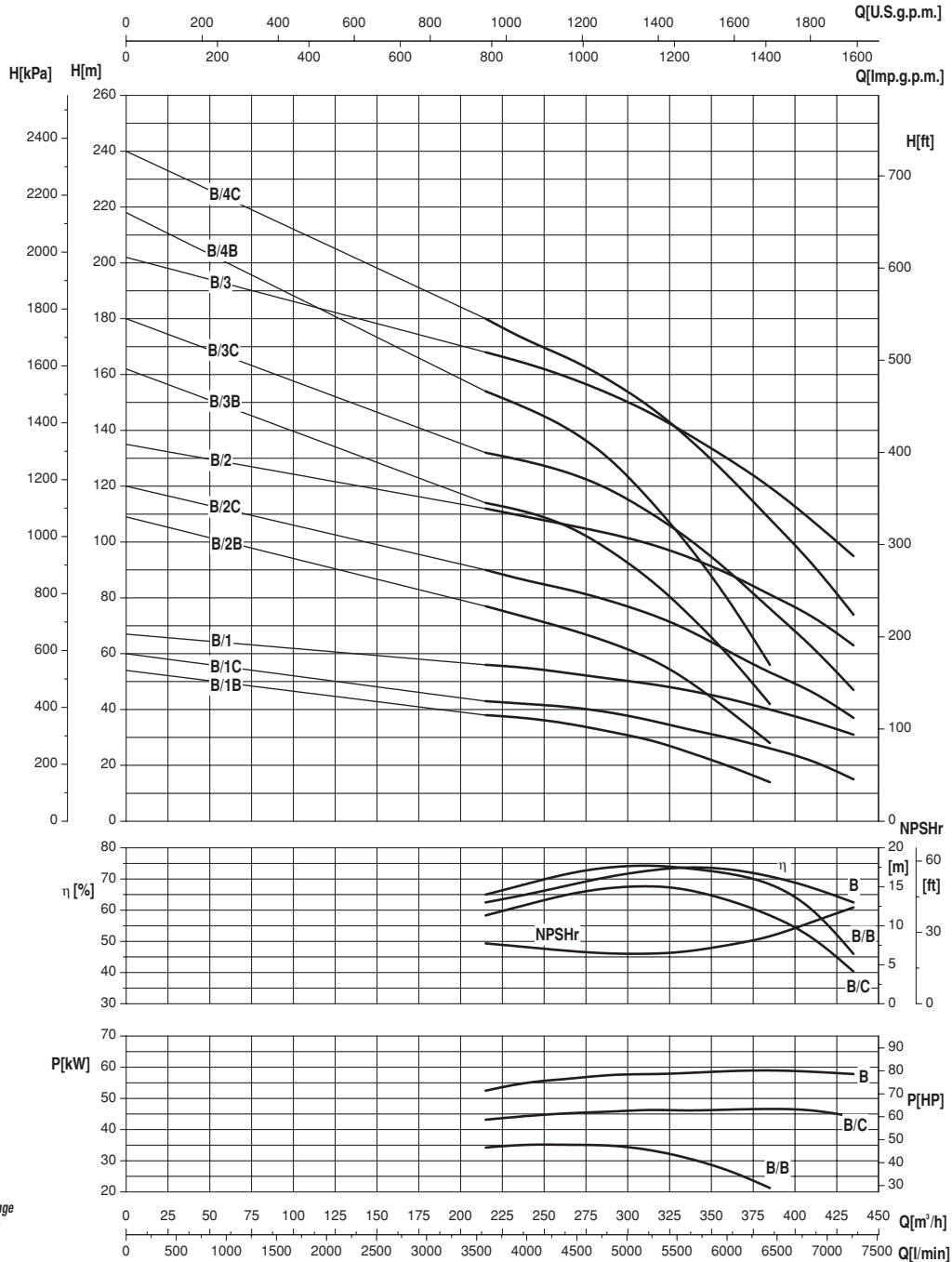
ELETTROPOMPE

10"

≈ 3600 l/min



6XS-252B



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 | 1 | 2 | 3 | >3 |
| 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.