

PYD

ELECTROBOMBAS

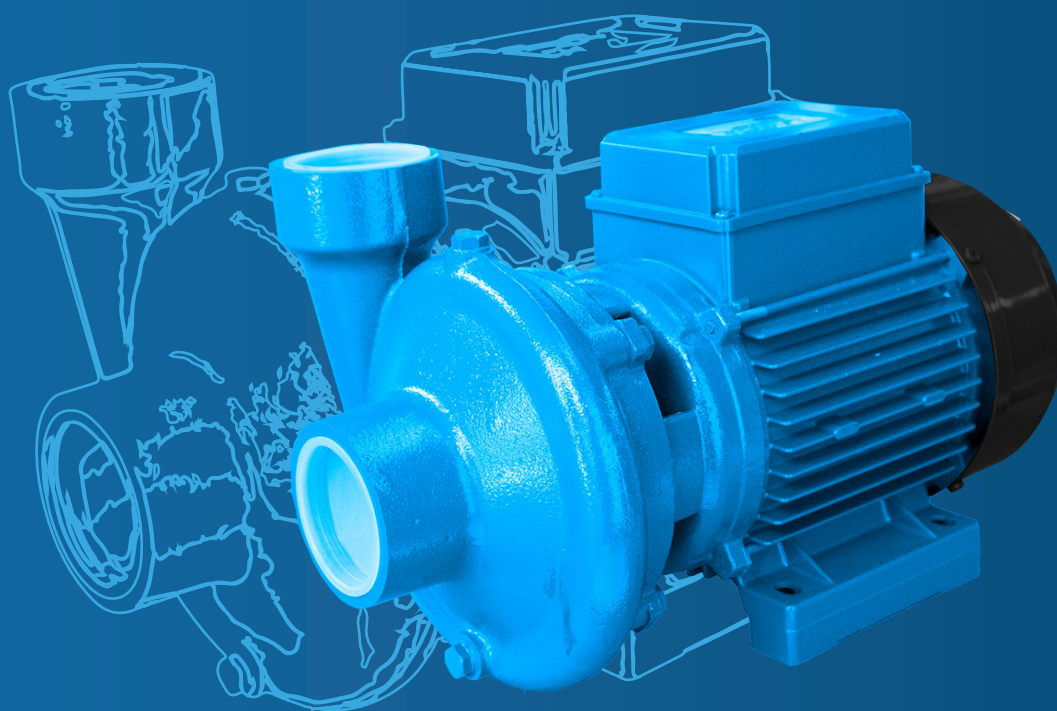
SERIE

BP

CENTRIFUGA MONOBLOC

MONOBLOC CENTRIFUGAL

CENTRIFUGE MONOBLOC



CATÁLOGO TÉCNICO

TECHNICAL CATALOGUE

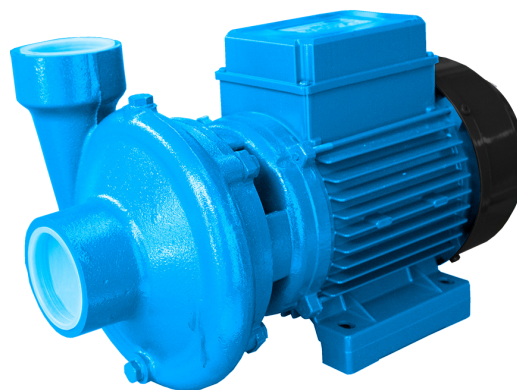
CATALOGUE TECHNIQUE

1. DESCRIPCIÓN DESCRIPTION DESCRIPTION

Electrobomba centrífuga monobloc diseñada para el trasiego de grandes caudales, sistemas de riego por aspersión, levantamiento de agua de lagos, ríos y estanques, así como para diversas aplicaciones industriales.

✿ Monobloc Centrifugal Electric Pump designed for transferring large flow rates, sprinkler irrigation systems, lifting water from lakes, rivers, and tanks, as well as various industrial applications.

🇫🇷 Pompe électrocentrifuge monobloc conçue pour le transfert de grands débits, les systèmes d'irrigation par aspersion, le pompage d'eau depuis des lacs, des rivières et des réservoirs, ainsi que pour diverses applications industrielles.



MATERIALES

Cuerpo de bomba: Fundición
Impulsor: Latón estampado
Cierre mecánico: Cer/Graf
Soporte motor: Fundición

✿ MATERIALS

Pump body: Foundry
Impeller: Stamped Brass
Mechanical seal: Cer/Graf
Motor Mount: Foundry

🇫🇷 MATÉRIELS

Corps de pompe: Fonderie
Roue: Laiton estampé
Garniture mécanique: Cer/Graf
Support moteur: Fonderie

ÁREA DE TRABAJO

Temperatura máx. del líquido: 50°C
Grado de protección: IP44
Aislamiento: F
Servicio continuo

✿ WORKING RANGE

Max. liquid temperature: 50°C
Degree of protection: IP44
Insulation: F
Continuous Service

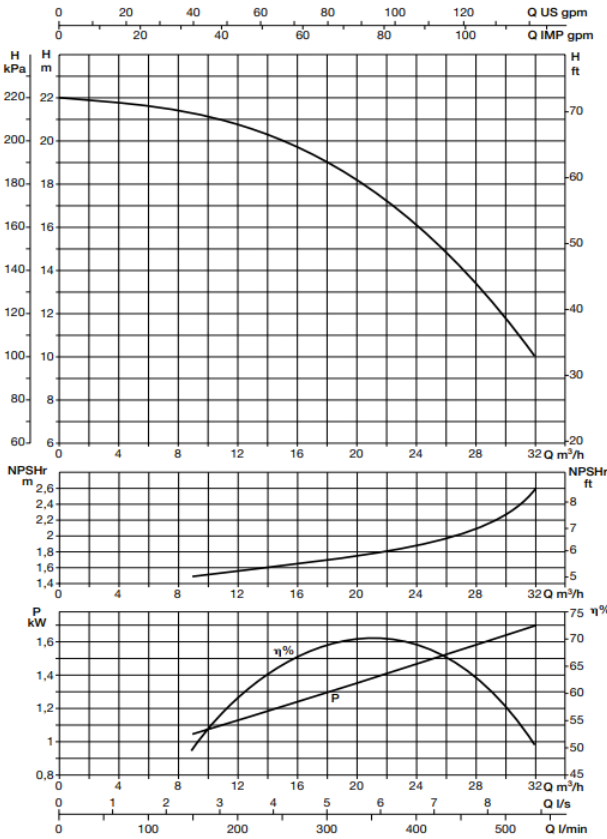
🇫🇷 PLAGUE DE TRAVAIL

Température max. du liquide: 50°C
Degré de protection: IP44
Isolation: F
Service continu

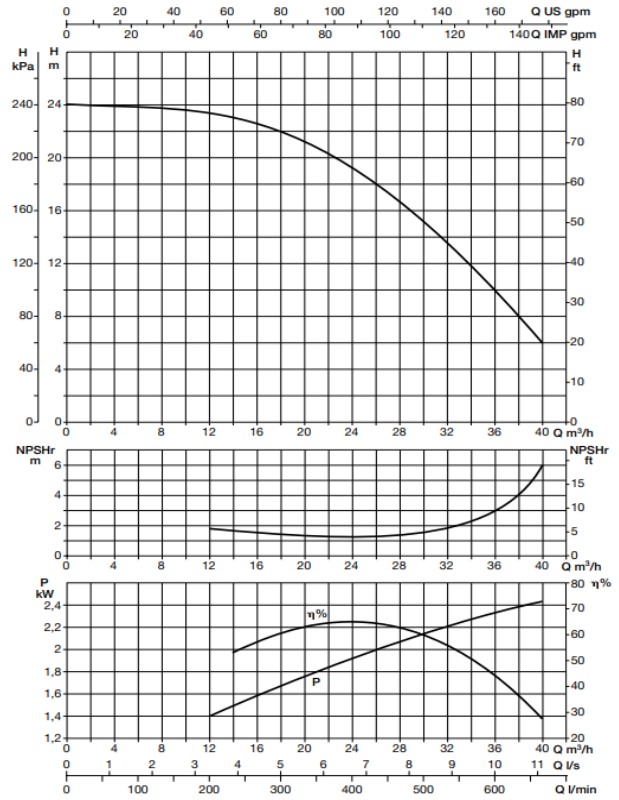
2. CURVAS CURVES COURBES

50 Hz n= 2890 min

BP 4

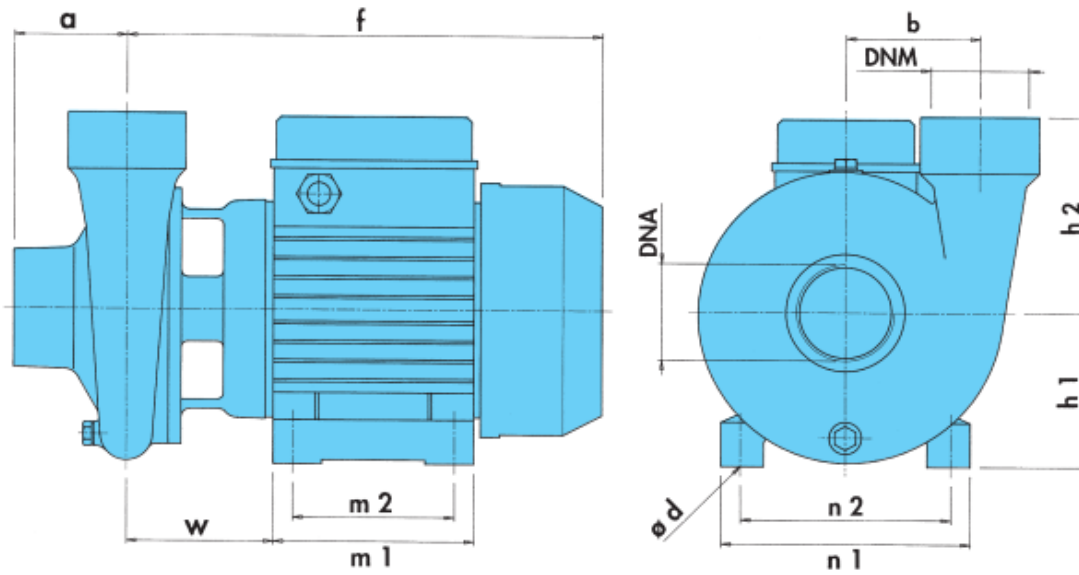


BP 5



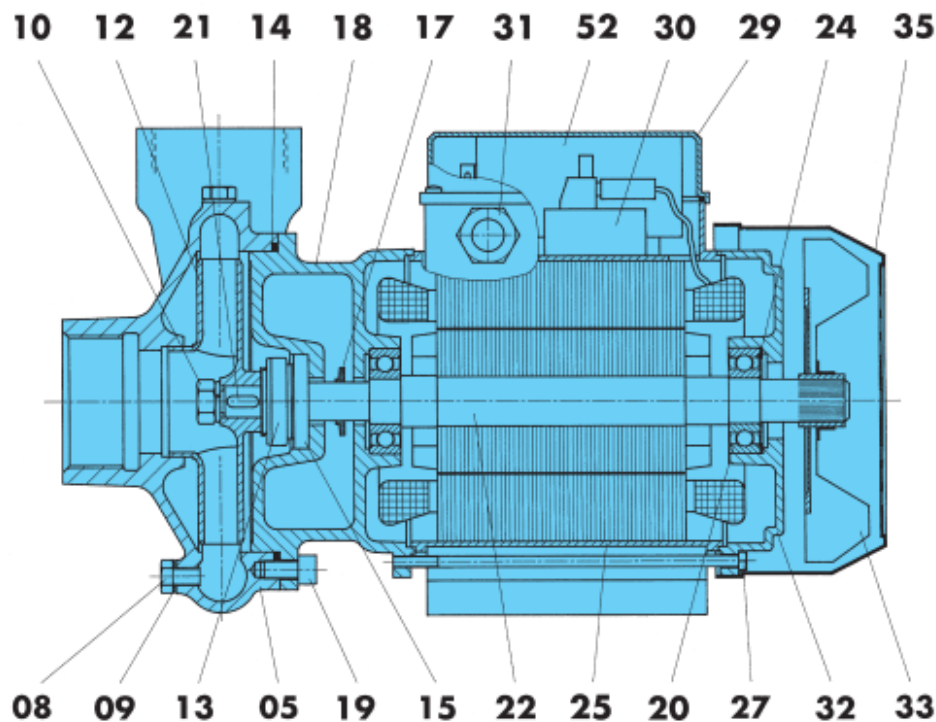
| MODELO MODEL MODÈLE | DN | INT (A) | | P ₂ | | COND. PESO | | CAUDAL FLOW DÉBIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------|---------|------|--------------------------|------|------------|------|---|-------------------|-----|----|----|----|----|----|----|----|----|----|---------------------------|-------|---|-----|--------------------------|-----|-----|-----|---------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|-----|-----|--|--|--|--|--|--|
| | | Ø" | 220V | 380V | kW | Hp | µF | Kg | m ³ /h | 0 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 32 | 36 | 40 | l/min | 0 | 167 | 200 | 250 | 300 | 333 | 417 | 500 | 533 | 600 | 667 | | | | | | | | | | | | | | | | |
| BP 4 | 2 | 8,8 | 3,5 | 1,10 | 1,50 | 32 | 19,2 | <table border="1"> <thead> <tr> <th colspan="4">ALTURA DE CARGA EN METROS</th> <th colspan="4">LOADING HEIGHT IN METRES</th> <th colspan="4">HAUTEUR DE CHARGEMENT EN MÈTRES</th> </tr> </thead> <tbody> <tr> <td>22,0</td> <td>21,0</td> <td>20,6</td> <td>20,0</td> <td>19,0</td> <td>18,2</td> <td>15,0</td> <td>11,5</td> <td>10,0</td> <td colspan="6"></td> </tr> </tbody> </table> | | | | | | | | | | | | ALTURA DE CARGA EN METROS | | | | LOADING HEIGHT IN METRES | | | | HAUTEUR DE CHARGEMENT EN MÈTRES | | | | 22,0 | 21,0 | 20,6 | 20,0 | 19,0 | 18,2 | 15,0 | 11,5 | 10,0 | | | | | | | | |
| ALTURA DE CARGA EN METROS | | | | LOADING HEIGHT IN METRES | | | | HAUTEUR DE CHARGEMENT EN MÈTRES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22,0 | 21,0 | 20,6 | 20,0 | 19,0 | 18,2 | 15,0 | 11,5 | 10,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BP 5 | 2 | 12,6 | 4,9 | 1,50 | 2,00 | 40 | 22 | <table border="1"> <thead> <tr> <th colspan="4">ALTURA DE CARGA EN METROS</th> <th colspan="4">LOADING HEIGHT IN METRES</th> <th colspan="4">HAUTEUR DE CHARGEMENT EN MÈTRES</th> </tr> </thead> <tbody> <tr> <td>24,0</td> <td>23,7</td> <td>23,5</td> <td>23,0</td> <td>22,0</td> <td>21,5</td> <td>19,0</td> <td>15,0</td> <td>14,0</td> <td>9,0</td> <td>6,0</td> <td colspan="6"></td> </tr> </tbody> </table> | | | | | | | | | | | | ALTURA DE CARGA EN METROS | | | | LOADING HEIGHT IN METRES | | | | HAUTEUR DE CHARGEMENT EN MÈTRES | | | | 24,0 | 23,7 | 23,5 | 23,0 | 22,0 | 21,5 | 19,0 | 15,0 | 14,0 | 9,0 | 6,0 | | | | | | |
| ALTURA DE CARGA EN METROS | | | | LOADING HEIGHT IN METRES | | | | HAUTEUR DE CHARGEMENT EN MÈTRES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24,0 | 23,7 | 23,5 | 23,0 | 22,0 | 21,5 | 19,0 | 15,0 | 14,0 | 9,0 | 6,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

3. MEDIDAS MEASURES MESURES



| MODELO MODEL MODÈLE | DNA | DNM | f | a | m1 | m2 | n1 | n2 | h1 | h2 | w | Ød | Kg |
|---------------------------|------|------|-----|----|-----|-----|-----|-----|----|-----|----|----|------|
| BP 4 | G 2" | G 2" | 294 | 70 | 124 | 100 | 152 | 125 | 96 | 122 | 88 | 9 | 19,2 |
| BP 5 | G 2" | G 2" | 294 | 70 | 124 | 100 | 152 | 125 | 96 | 122 | 88 | 9 | 22 |

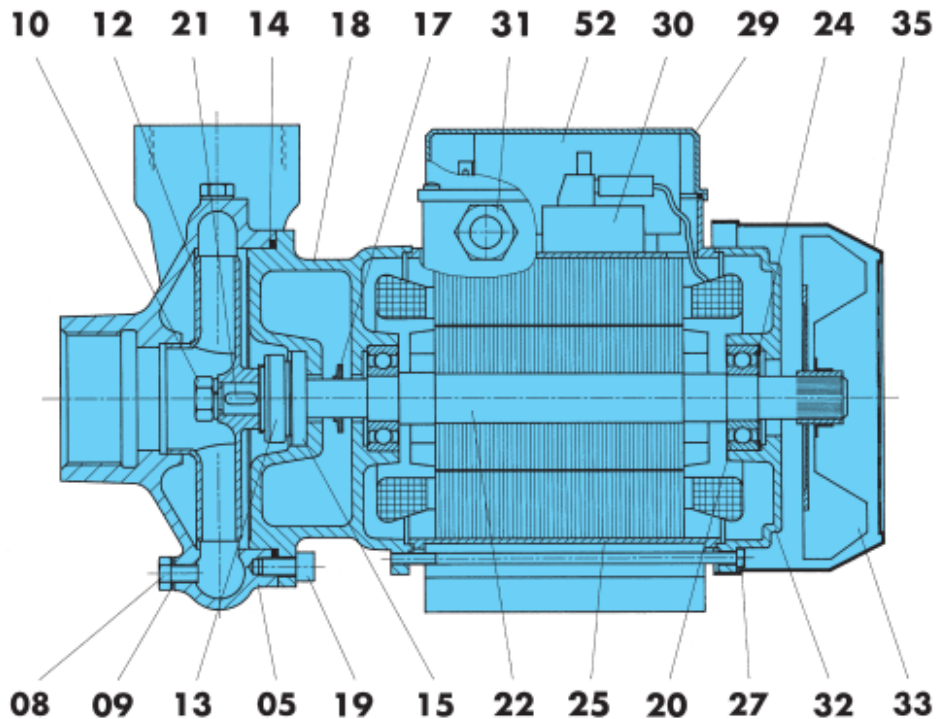
4. DESPIECE SPARE PARTS PIÈCES DE RECHANGE



| Nº | Nombre | Material |
|-----|-------------------------------|----------------|
| 5 | Cuerpo de bomba | Fundición gris |
| 8 | Tapón | Latón |
| 9 | Junta/empaquet | Aluminio |
| 10 | Tuerca | Latón |
| 12 | Impulsor | Latón |
| 13 | Cierre mecánico parte girante | Grafito |
| 14 | Anillo tórico | Goma NBR |
| 15 | Cierre mecánico parte fija | Cerámica |
| 16 | Anillo intermedio | Fundición gris |
| 17 | Paragotas | Goma |
| 18 | Soprote | Fundición gris |
| 19 | Tornillo | Acero cincado |
| 20 | Cojinete | Comercial |
| 20a | Cojinete | Comercial |
| 21 | Chaveta | AISI 304 |
| 22 | Eje rotatorio | AISI 420B |

| Nº | Nombre | Material |
|----|--------------------------|----------------------------------|
| 24 | Anillo elástico | Acero |
| 25 | Carcasa estator envuelto | Aluminio |
| 26 | Pie | Resina termoplástica |
| 27 | Tirante | Acero cincado |
| 29 | Tapa de bornes | Resina termoplástica |
| 30 | Bornes | Resina de endurecimiento térmico |
| 31 | Guía | Resina termoplástica |
| 32 | Tapa motor | Aluminio |
| 33 | Ventilador | Resina termoplástica |
| 35 | Tapa ventilador | Acero |
| 39 | Empaquetadura bornes | Goma NBR |
| 40 | Casquillo | AISI 316 |
| 52 | Condensador | - |

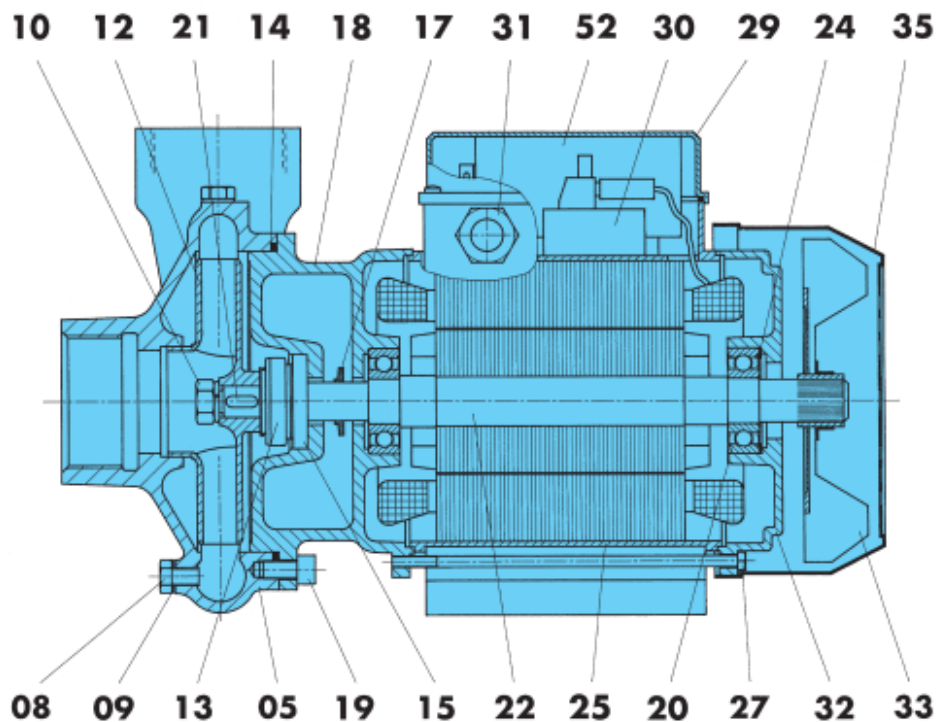
4. DESPIECE SPARE PARTS PIÈCES DE RECHANGE



| N° | Name | Material |
|-----|--------------------------|---------------------------|
| 5 | Pump body | Cast iron |
| 8 | Plug | Brass |
| 9 | Gasket | Aluminium |
| 10 | Nut | Brass |
| 12 | Impeller | Brass |
| 13 | Rotating mechanical seal | Graphite |
| 14 | O-ring | Rubber NBR |
| 15 | Fixed mechanical seal | Ceramic |
| 16 | Seal holding disc | Cast iron |
| 17 | Drop guard | Rubber |
| 18 | Support | Cast iron |
| 19 | Screw | Galvanized steel |
| 20 | Bearing | Commercial |
| 20a | Bearing | Commercial |
| 21 | Key | Stainless steel AISI 304 |
| 22 | Rotating shaft | Stainless steel AISI 420B |

| N° | Name | Material |
|----|--------------------------|--------------------------|
| 24 | Circlip | Steel |
| 25 | Casing with wound stator | Aluminium |
| 26 | Foot | Thermoplastic resin |
| 27 | Tie-rod | Galvanized steel |
| 29 | Terminal board cover | Thermoplastic resin |
| 30 | Terminal board | Thermosetting resin |
| 31 | Fairlead | Thermoplastic resin |
| 32 | Driving cap | Aluminium |
| 33 | Fan | Thermoplastic resin |
| 35 | Fan cover | Steel |
| 39 | Terminal board gasket | Rubber NBR |
| 40 | Bushing | Stainless steel AISI 316 |
| 52 | Capacitor | - |

4. DESPIECE SPARE PARTS PIÈCES DE RECHANGE



| N° | Nom | Material |
|-----|------------------------------|----------------------|
| 5 | Corps de pompe | Fonte |
| 8 | Bouchon | Brass |
| 9 | Joint | Aluminium |
| 10 | Ecrou | Brass |
| 12 | Turbine | Brass |
| 13 | Garniture mécanique roulante | Graphite |
| 14 | Joint torique | Caoutchouc NBR |
| 15 | Garniture mécanique fixe | Céramique |
| 16 | Disque porte-garniture | Fonte |
| 17 | Para-goutte | Caoutchouc |
| 18 | Support | Fonte |
| 19 | Vis | Galvanized steel |
| 20 | Roulement | Commerciale |
| 20a | Roulement | Commerciale |
| 21 | Clavette | Acier INOX AISI 304 |
| 22 | Arbre roulant | Acier INOX AISI 420B |

| N° | Nom | Material |
|----|--------------------------|------------------------|
| 24 | Bague elastique | Acier |
| 25 | Carcasse stator enroulé | Aluminium |
| 26 | Pied | Résine thermoplastique |
| 27 | Tirant | Acier zingué |
| 29 | Couvercle plaque à borne | Résine thermoplastique |
| 30 | Plaque à borne | Résine thermo-endurci |
| 31 | Presse-câble | Résine thermoplastique |
| 32 | Calotte moteur | Aluminium |
| 33 | Ventilateur | Résine thermoplastique |
| 35 | Couvercle ventilateur | Acier |
| 39 | Joint plaque à borne | CaoutchoucNBR |
| 40 | Douille | Acier INOX AISI 316 |
| 52 | Condensateur | - |

Proindecsa

C/ Paraguay, parc. 13-5/6
Polígono industrial Oeste
30820 Alcantarilla, Murcia (Spain)

Tel. : +34 968 880 852
proindecsa@proindecsa.com

www.proindecsa.com



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