



50Hz

## **PUMPS/BOMBAS**

General Catalogue **2018**  
Catálogo General

# 50Hz

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## END SUCTION / SUCCIÓN EXTREMO

|   |    |
|---|----|
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| <b>YE3</b> Electric motor for pump<br><i>YE3 Motor eléctrico para bomba</i>                       | 27 |
| <b>PD</b> Diesel engine for pump<br><i>PD Diesel para bomba</i>                                   | 29 |

## MULTISTAGE / MULTIETAPA

|  |    |
|--|----|
| <b>PV</b> Vertical multistage centrifugal pump<br><i>PV Bomba centrífuga multietapa vertical</i> | 31 |
|--|----|

## SYSTEM / SYSTEM

|   |    |
|---|----|
| <b>PEDJ</b> Fire fighting system<br><i>PEDJ system de contra-incendio</i> | 35 |
|---|----|

## INLINE / EN-LINEA

|  |    |
|--|----|
| <b>PTD</b> Inline circulation pump<br><i>PTD Bomba de circulación en línea</i> | 37 |
| <b>PT</b> Vertical inline pump<br><i>PT Bomba vertical en-línea</i>            | 57 |

## CENTRIFUGAL / CENTRÍFUGA

|   |    |
|---|----|
| <b>PW</b> Same DN centrifugal pump<br><i>PW Bomba centrífuga con misma DN</i>                   | 41 |
| <b>PC</b> Thread port centrifugal pump<br><i>PC Bomba centrífuga roscada</i>                    | 45 |
| <b>P2C</b> Double impeller centrifugal pump<br><i>P2C Bomba centrífuga con doble impulsores</i> | 49 |
| <b>PZ</b> Stainless steel standard pump<br><i>PZ Bomba normalizada en acero inoxidable</i>      | 53 |
| <b>PG</b> Single suction centrifugal pump<br><i>PG Bomba centrífuga de sola succión</i>         | 61 |

## SPLIT CASE / CÁMARA PARTIDA

|   |    |
|---|----|
| <b>PSC</b> Double suction split case pump<br><i>PSC Succión doble bomba de cámara partida</i> | 67 |
|---|----|

## SELF-PRIMING / AUTOCEBANTE

|   |    |
|---|----|
| <b>PXZ</b> Self-priming centrifugal pump<br><i>PXZ Bomba centrífuga autocebante</i> | 73 |
| <b>PCm</b> Centrifugal pump<br><i>PCm Bomba centrífuga</i>                          | 75 |
| <b>PJm</b> Self-priming JET pump<br><i>PJm Bomba autocebante JET</i>                | 75 |

## SUBMERSIBLE / SUMERGIBLE

|  |    |
|--|----|
| <b>WQV</b> Vortex cutting submersible pump<br><i>WQV Vórtice bomba sumergible de corte</i> | 77 |
|--|----|



*Life from purity*



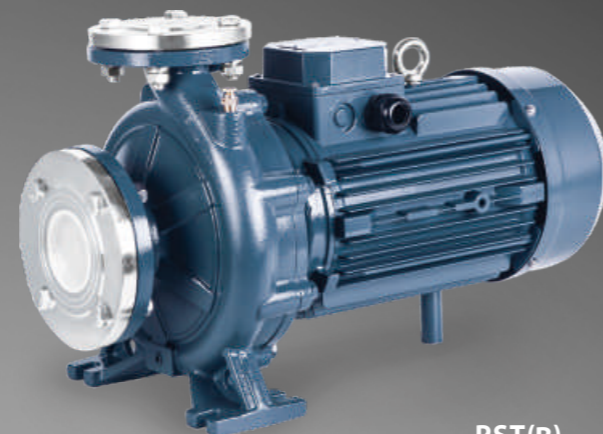
## PST/PS

### EN733 standard centrifugal pump

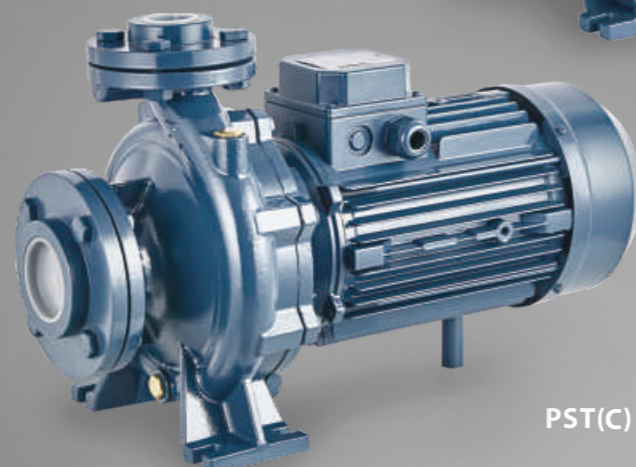
#### Bomba centrífuga normalizada EN733



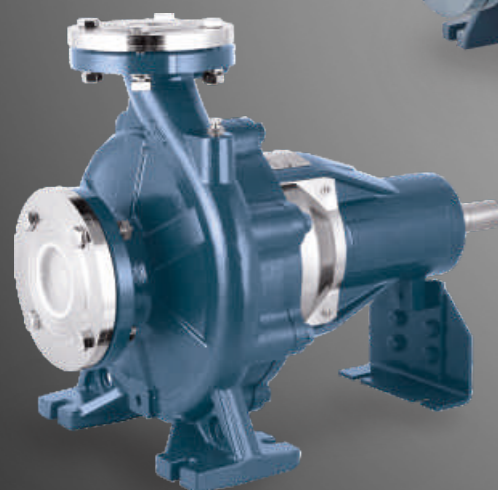
PST



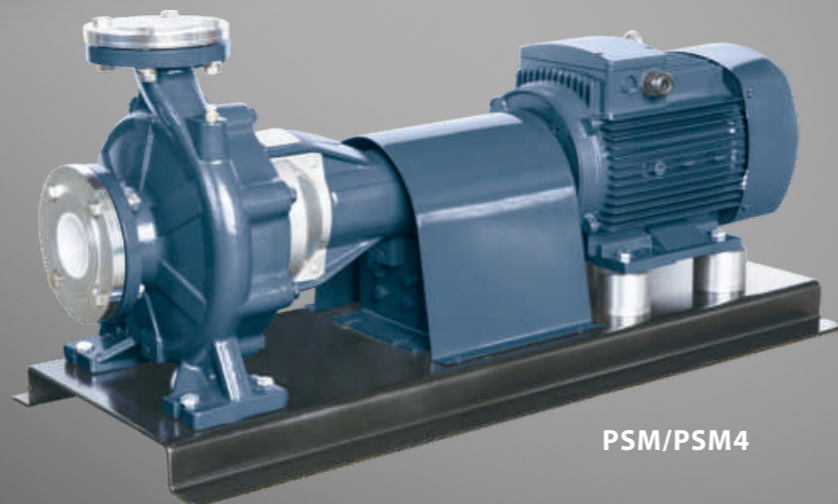
PST(B)



PST(C)



PS/PS4



PSM/PSM4

## NEW / NUEVO

### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New EN733 standard centrifugal pump
  - ▶ Original design by PURITY (patented)
  - ▶ Both square motor & round motor available
  - ▶ YE3 high efficient motor, with protection IP55 class F
  - ▶ Pump case with anti-corrosive coating
  - ▶ Impeller in stainless steel AISI 304 or cast iron
  - ▶ Shaft in stainless steel AISI 304 or galvanized iron
  - ▶ Galvanized counter flange with bolts, nuts and gaskets
  - ▶ Quality NSK bearing, wear resistance mechanical seal
- ▶ Nuevas bombas centrífugas según norma EN733
  - ▶ Diseño original de PURITY (Patentado)
  - ▶ Motor redondo y cuadrado disponible
  - ▶ Motor de eficiencia YE3 con Protección IP55 clase F
  - ▶ Cuerpo de bomba con tratamiento anti-corrosión
  - ▶ Impulsor en inox AISI304 o fundición
  - ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
  - ▶ Contrabridas galvanizadas con pernos, tuercas y empaques
  - ▶ Rodamiento de marca NSK y cierre mecánico personalizado

### APPLICATIONS / APLICACIONES

- ▶ Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.
- ▶ Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba. Las Bombas centrífugas según EN733 diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, contraincendio, irrigación, industria, circulación del agua, agricultura.

### USING LIMITS / LÍMITES DE UTILIZACIÓN

- ▶ Liquid temperature between -10°C and +120°C
- ▶ Ambient temperature up to +50°C
- ▶ Max. working pressure **16 bar**
- ▶ Continuous service **S1**
- ▶ Temperatura del líquido de -10 °C hasta +120 °C
- ▶ Temperatura ambiente hasta +50 °C
- ▶ Presión máxima en el cuerpo de la bomba **16 bar**
- ▶ Funcionamiento continuo **S1**

### PATENTS / PATENTES

- ▶ Registered model PST
- ▶ Registered Patent Design n° 201530478502.0
- ▶ Registrado modelo PST
- ▶ Registrado patente diseño n° 201530478502.0

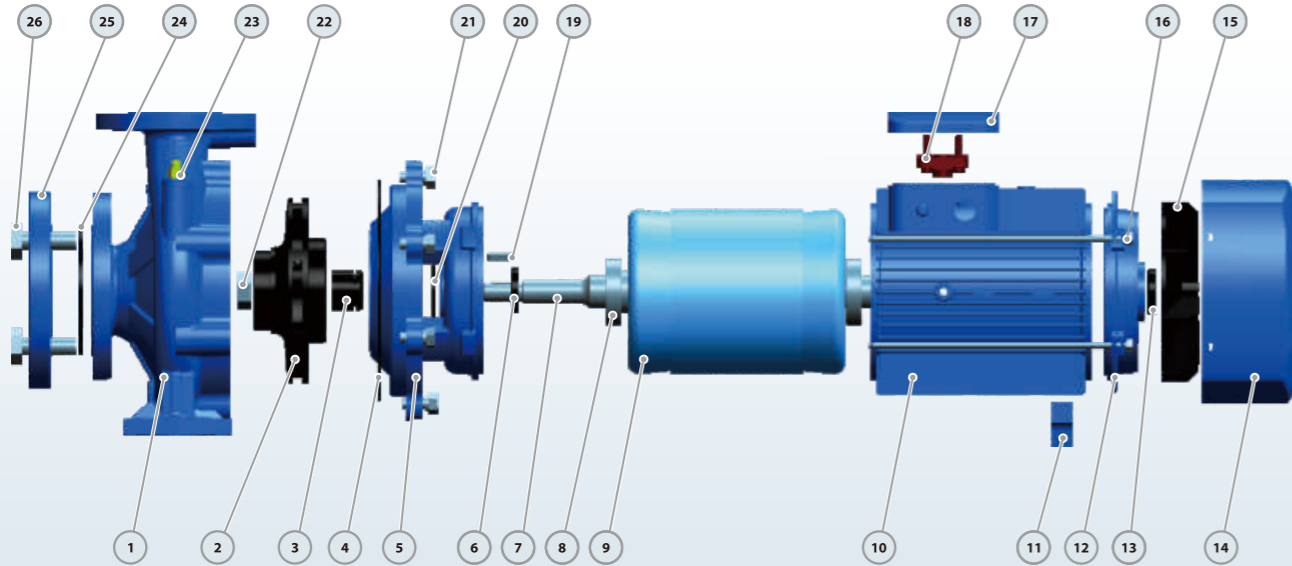
### STANDARD IMPELLER MATERIAL/MATERIAL ESTÁNDAR DEL IMPULSOR

| DISCHARGE SIZE<br>TAMAÑO DE DESCARGA | IMPELLER SIZE<br>TAMAÑO DEL IMPULSOR |                     |                     |                     |                |                     |                     |
|--------------------------------------|--------------------------------------|---------------------|---------------------|---------------------|----------------|---------------------|---------------------|
|                                      | 125                                  | 160                 | 200                 | 250                 | 250D           | 315                 | 400                 |
| 32                                   | SS304/Inox 304                       | SS304/Inox 304      | SS304/Inox 304      | Cast iron/Fundición | SS304/Inox 304 |                     |                     |
| 40                                   | Cast iron/Fundición                  | Cast iron/Fundición | SS304/Inox 304      | Cast iron/Fundición | /              |                     |                     |
| 50                                   | Cast iron/Fundición                  | Cast iron/Fundición | Cast iron/Fundición | Cast iron/Fundición | /              |                     |                     |
| 65                                   | Cast iron/Fundición                  | Cast iron/Fundición | Cast iron/Fundición | Cast iron/Fundición | /              | Cast iron/Fundición |                     |
| 80                                   | Cast iron/Fundición                  | Cast iron/Fundición | Cast iron/Fundición | Cast iron/Fundición | /              | Cast iron/Fundición | Cast iron/Fundición |
| 100                                  |                                      | Cast iron/Fundición | Cast iron/Fundición | Cast iron/Fundición | /              | Cast iron/Fundición | Cast iron/Fundición |
| 125                                  |                                      |                     | Cast iron/Fundición | Cast iron/Fundición | /              | Cast iron/Fundición | Cast iron/Fundición |
| 150                                  |                                      |                     | Cast iron/Fundición | Cast iron/Fundición | /              | Cast iron/Fundición | Cast iron/Fundición |
| 200                                  |                                      |                     |                     | Cast iron/Fundición | /              | Cast iron/Fundición | Cast iron/Fundición |
| 250                                  |                                      |                     |                     |                     | /              | Cast iron/Fundición | Cast iron/Fundición |



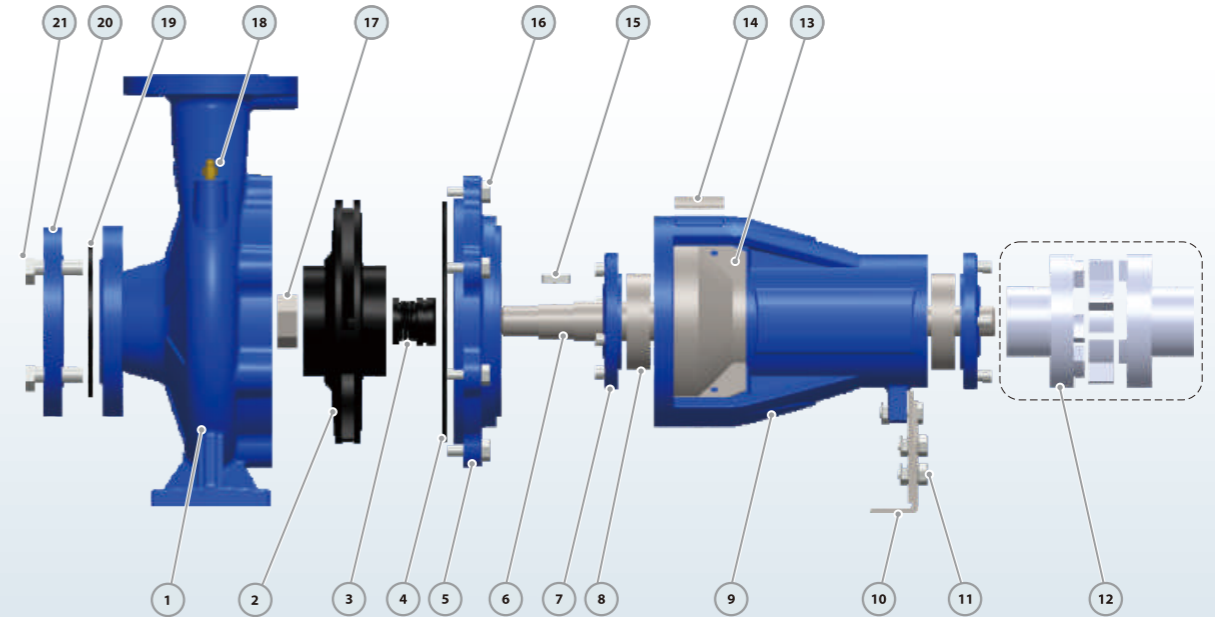


MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



| No. | Description<br>Descripción            | Material<br>Material                           | No. | Description<br>Descripción          | Material<br>Material   | No. | Description<br>Descripción         | Material<br>Material                          |
|-----|---------------------------------------|--|-----|-------------------------------------|------------------------|-----|------------------------------------|---|
| 1   | Pump Case<br>Cuerpo de Bomba          | Cast iron<br>Fundición                         | 10  | Motor Case<br>Cuerpo de Motor       | Aluminum<br>Aluminio   | 19  | Impeller Key<br>Chaveta Impulsor   | Iron<br>Hierro                                |
| 2   | Impeller<br>Impulsor                  | SS304/Cast iron<br>Inox 304/Fundición          | 11  | Support Foot<br>Soporte Pie         | Plastic<br>Plástico    | 20  | Water Deflector<br>Deflector       | Rubber<br>Caucho                              |
| 3   | Mechanical Seal<br>Cierre Mecánico    | SiC/Carbon/SS304<br>SiC-Grafito-Inox304        | 12  | Back Cover<br>Tapa Trasera          | Cast iron<br>Fundición | 21  | Connection Bolt<br>Perno           | Steel<br>Acero                                |
| 4   | O-ring<br>Junta Tórica                | Rubber<br>Caucho                               | 13  | Reinforced Seal<br>Sello Reforzado  | Rubber<br>Caucho       | 22  | Impeller Nut<br>Tuerca de Impulsor | Galvanized Steel<br>Acero Galvanizado         |
| 5   | Connection<br>Conexión                | Cast iron<br>Fundición                         | 14  | Fan Cover<br>Tapa Ventilador        | Aluminum<br>Aluminio   | 23  | Release Valve<br>Tapón Cebado      | Brass<br>Bronce                               |
| 6   | Reinforced Seal<br>Sello Reforzado    | Rubber<br>Caucho                               | 15  | Fan<br>Ventilador                   | Plastic<br>Plástico    | 24  | Gasket<br>Empaque                  | Rubber<br>Caucho                              |
| 7   | Shaft<br>Eje                          | SS304/45# Steel<br>Inox 304/45# Hierro         | 16  | Through Bolt<br>Perno               | Steel<br>Acero         | 25  | Counter Flange<br>Contra Brida     | Galvanized Cast iron<br>Fundición Galvanizado |
| 8   | Bearing<br>Rodamiento                 | Ball Bearing<br>Bola Rodamiento                | 17  | Terminal Box<br>Caja de Bombas      | Aluminum<br>Aluminio   | 26  | Flange Bolt<br>Perno de Brida      | Steel<br>Acero                                |
| 9   | Wound Stator/Rotor<br>Estator / Rotor | Silicon Steel/Copper<br>Acero al Silicio/Cobre | 18  | Terminal Board<br>Tablero de Bombas | Plastic<br>Plástico    |     |                                    |   |

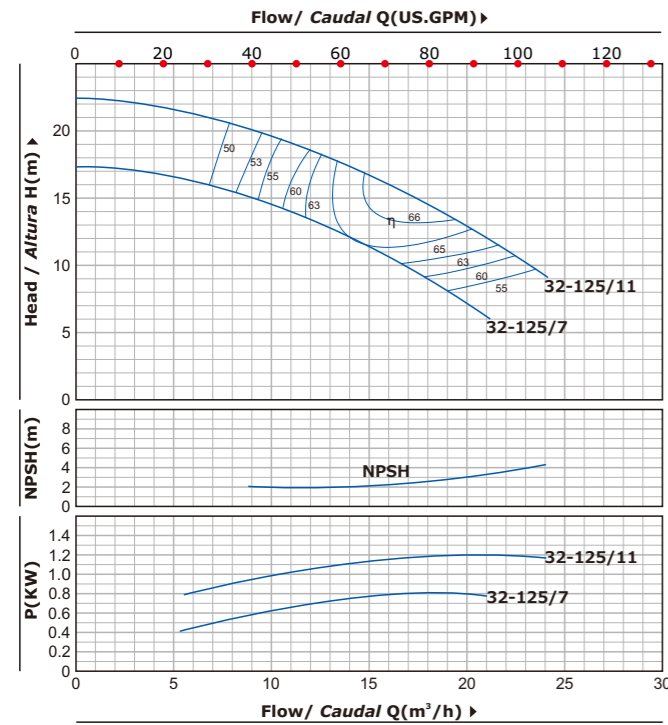
MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



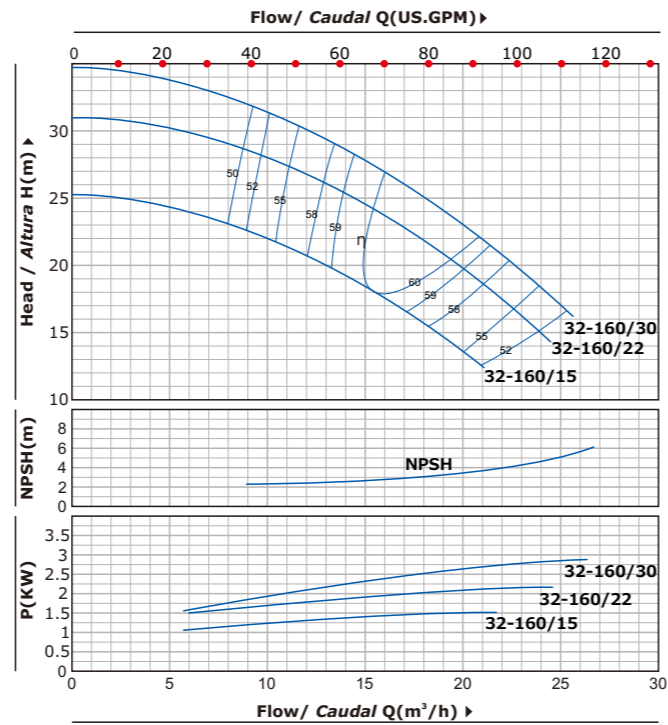
| No. | Description<br>Descripción         | Material<br>Material                    | No. | Description<br>Descripción            | Material<br>Material            | No. | Description<br>Descripción         | Material<br>Material                          |
|-----|------------------------------------|---|-----|---------------------------------------|---------------------------------|-----|------------------------------------|---|
| 1   | Pump Case<br>Cuerpo de Bomba       | Cast iron<br>Fundición                  | 8   | Bearing<br>Rodamiento                 | Ball Bearing<br>Bola Rodamiento | 15  | Impeller Key<br>Chaveta Impulsor   | Iron<br>Hierro                                |
| 2   | Impeller<br>Impulsor               | SS304/Cast iron<br>Inox 304/Fundición   | 9   | Support Case<br>Cuerpo Soporte        | Cast iron<br>Fundición          | 16  | Connection Bolt<br>Perno           | Steel<br>Acero                                |
| 3   | Mechanical Seal<br>Cierre Mecánico | SiC/Carbon/SS304<br>SiC-Grafito-Inox304 | 10  | Support Foot<br>Soporte Pie           | Iron<br>Hierro                  | 17  | Impeller Nut<br>Tuerca de Impulsor | Galvanized Steel<br>Acero Galvanizado         |
| 4   | O-ring<br>Junta Tórica             | Rubber<br>Caucho                        | 11  | Foot Bolt<br>Perno                    | Steel<br>Acero                  | 18  | Release Valve<br>Tapón Cebado      | Brass<br>Bronce                               |
| 5   | Connection<br>Conexión             | Cast iron<br>Fundición                  | 12  | Coupling(Optional)<br>Unión(Opcional) | Steel<br>Acero                  | 19  | Gasket<br>Empaque                  | Rubber<br>Caucho                              |
| 6   | Shaft<br>Eje                       | SS304/45# Steel<br>Inox 304/45# Hierro  | 13  | Case Cover<br>Tapa Cuerpo             | SS304<br>Inox304                | 20  | Counter Flange<br>Contra Brida     | Galvanized Cast iron<br>Fundición Galvanizado |
| 7   | Bearing Cover<br>Tapa Rodamiento   | Cast iron<br>Fundición                  | 14  | Nameplate<br>Letrero                  | Aluminum<br>Aluminio            | 21  | Flange Bolt<br>Perno de Brida      | Steel<br>Acero                                |

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

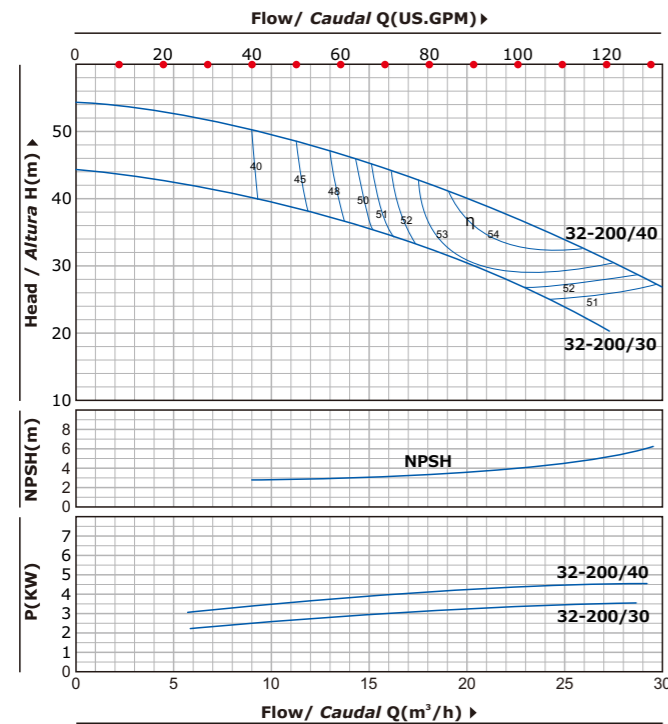
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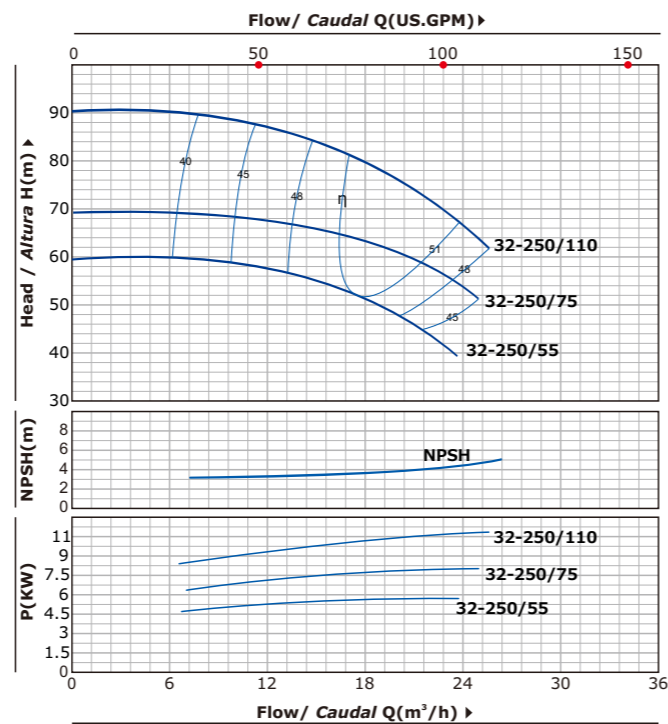
**32-125**



**32-160**



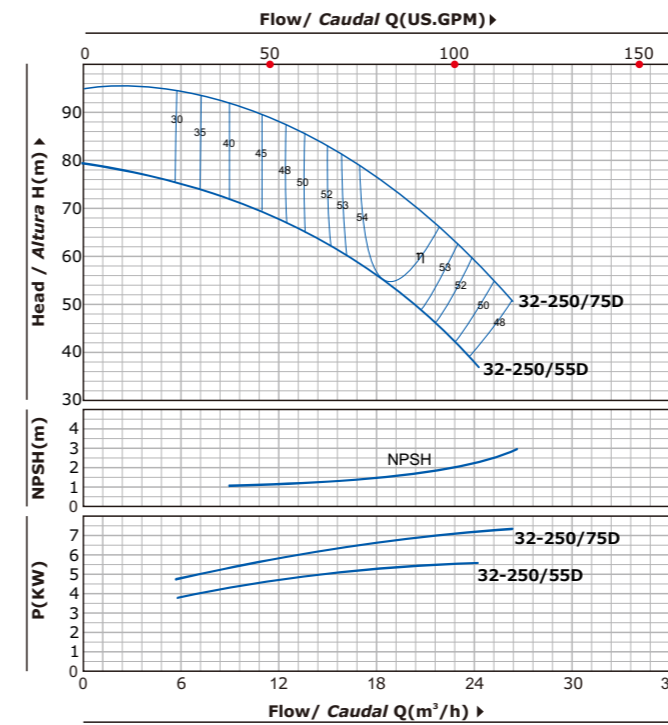
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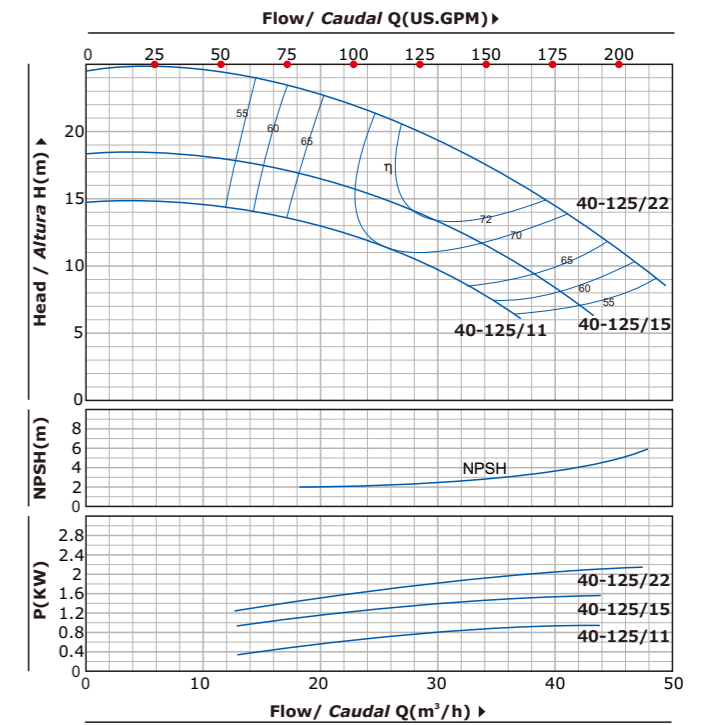
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PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

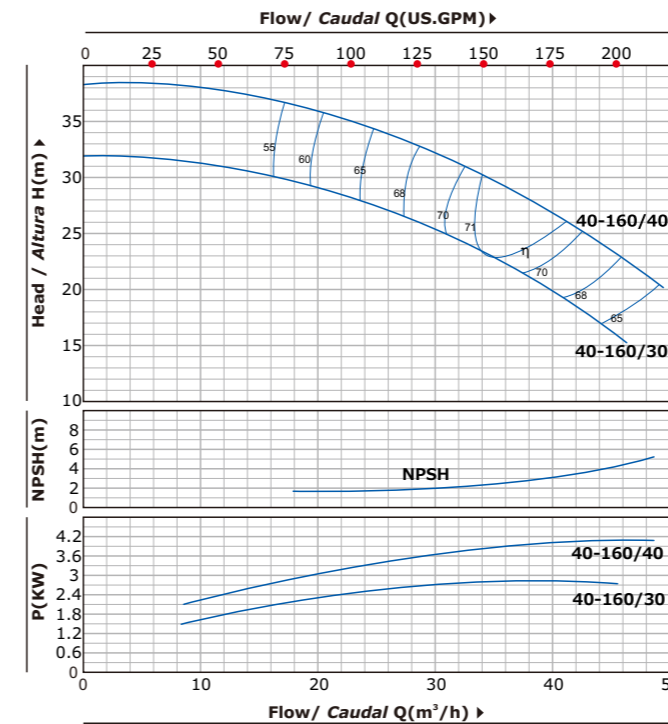
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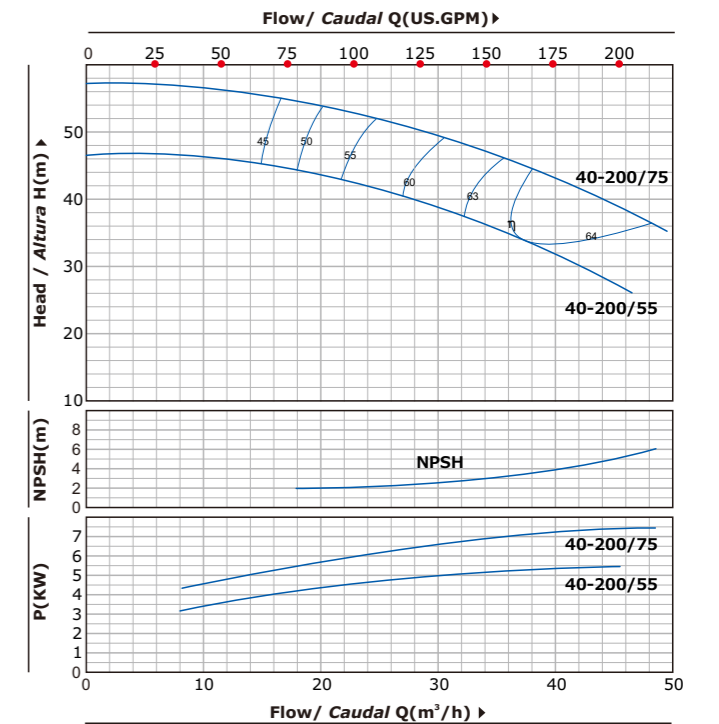
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**40-125**



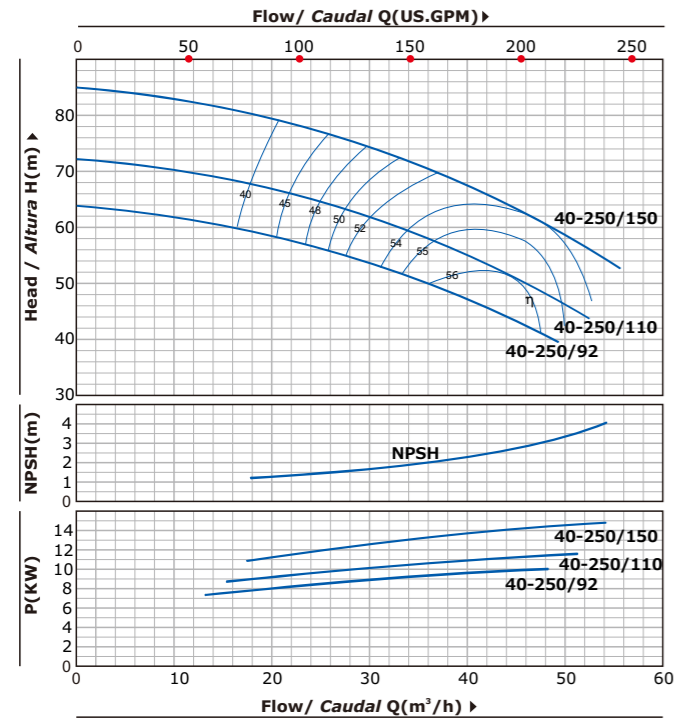
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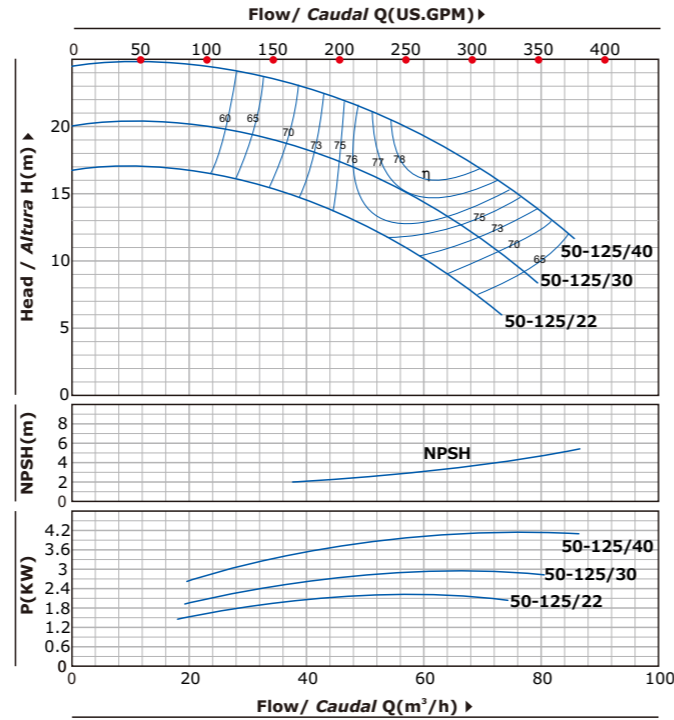
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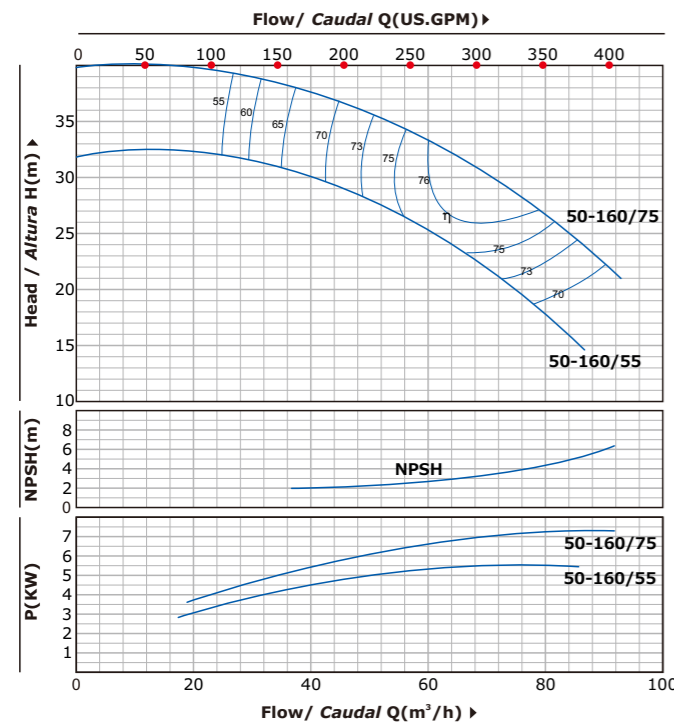
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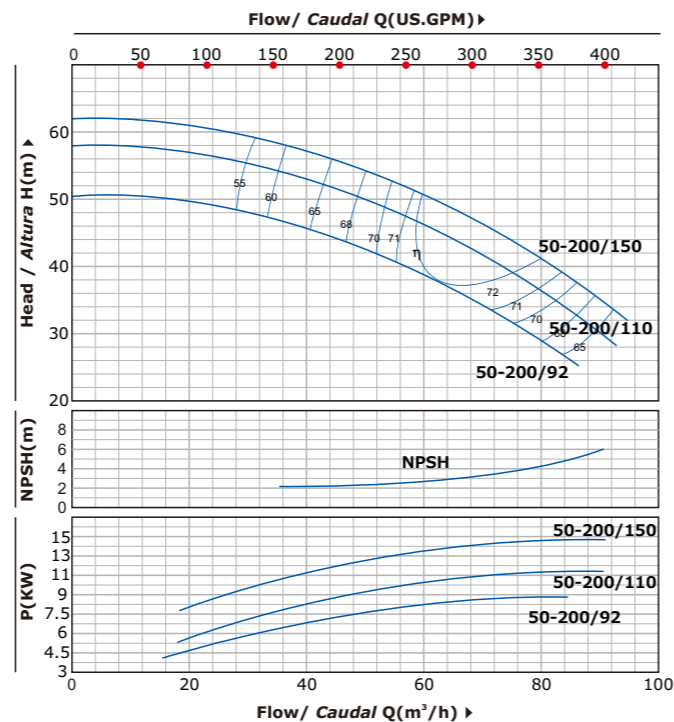
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50-125



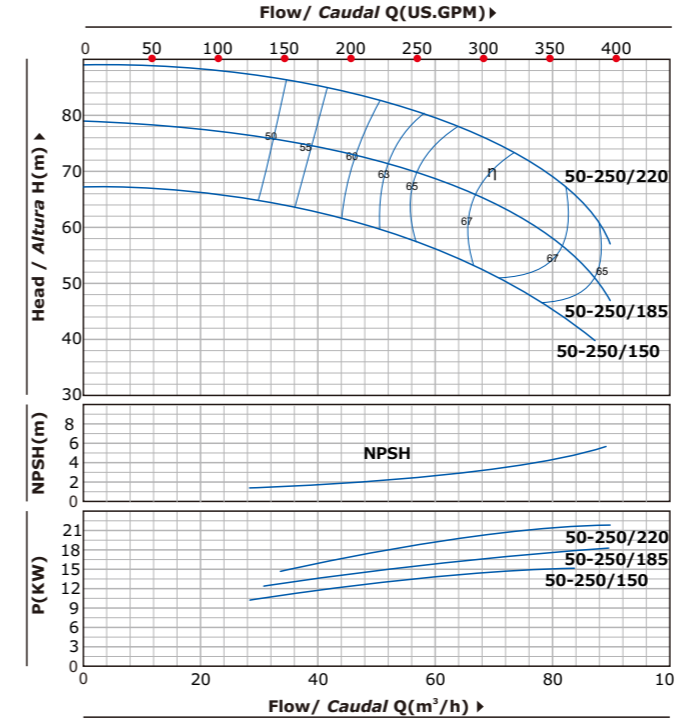
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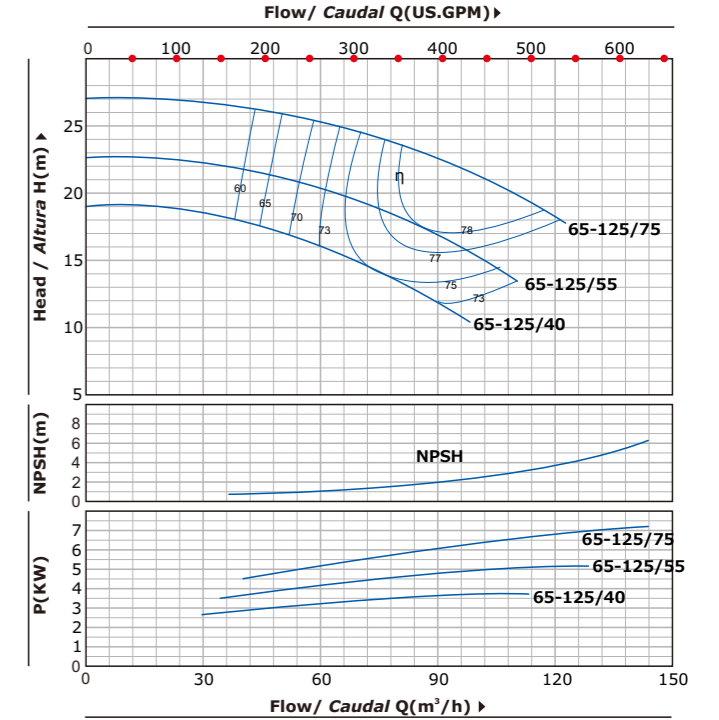
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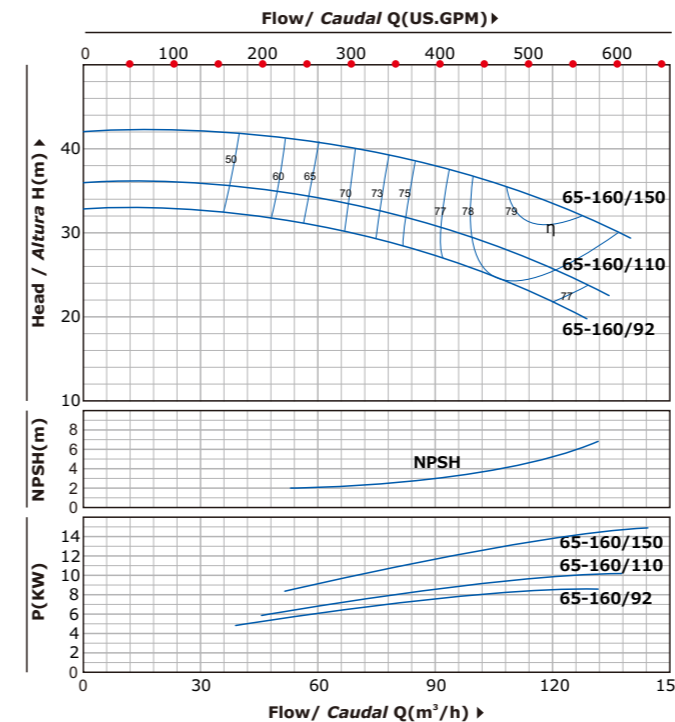
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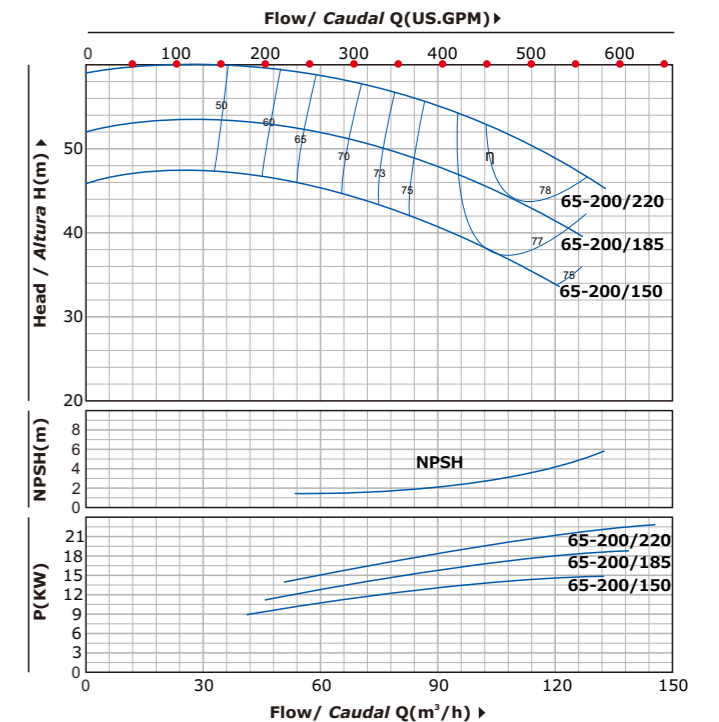
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65-125



65-160

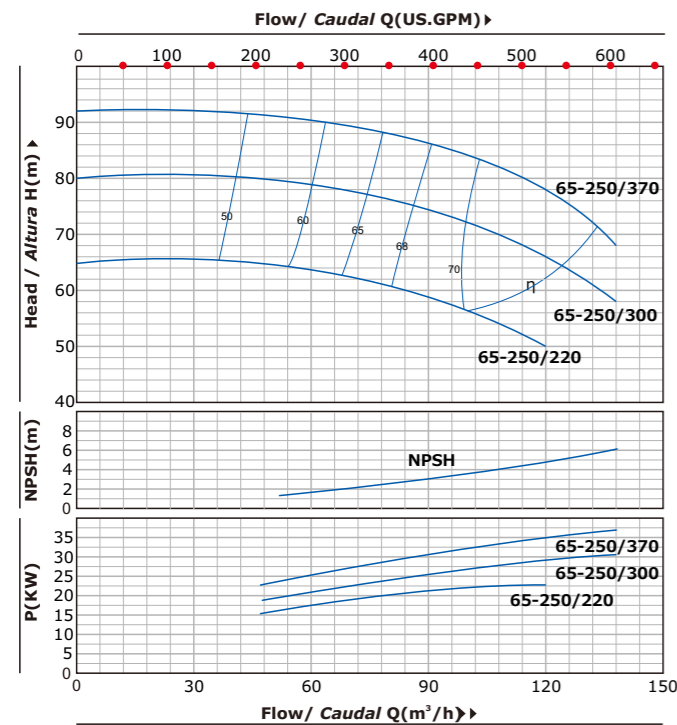


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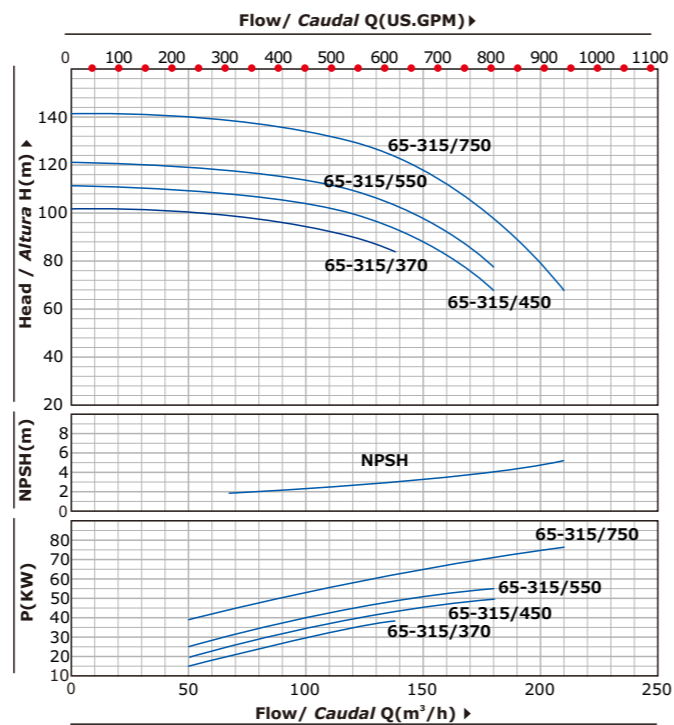


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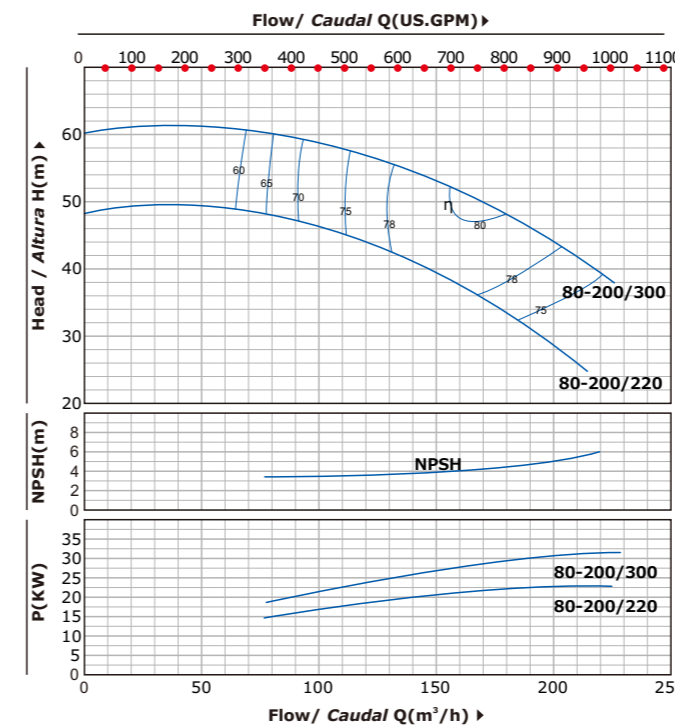
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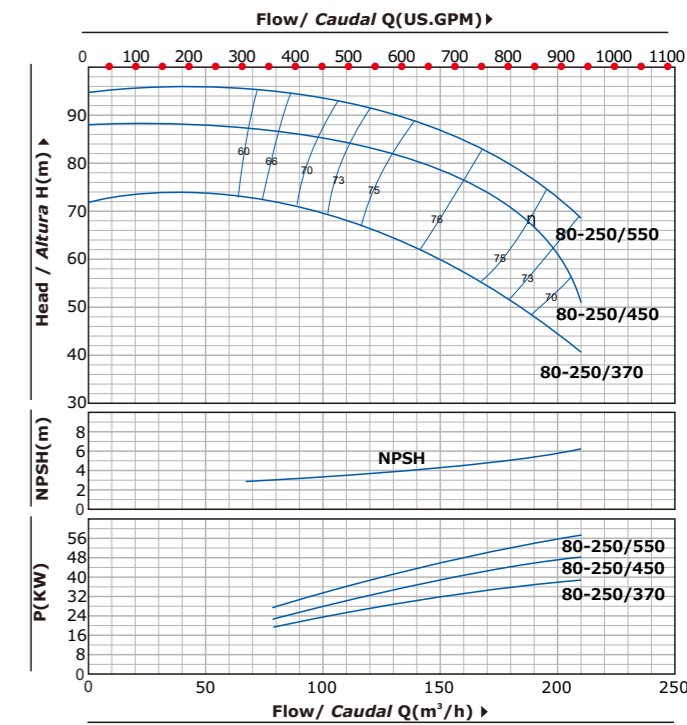
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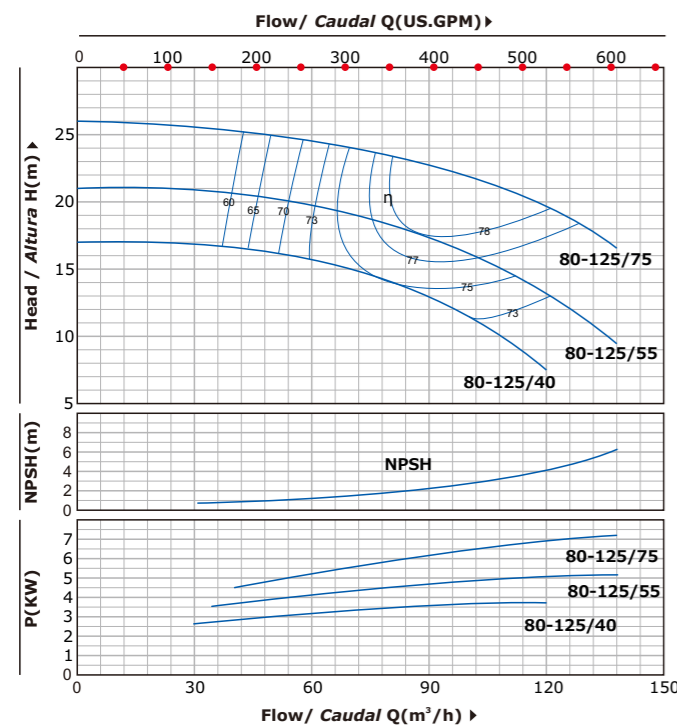
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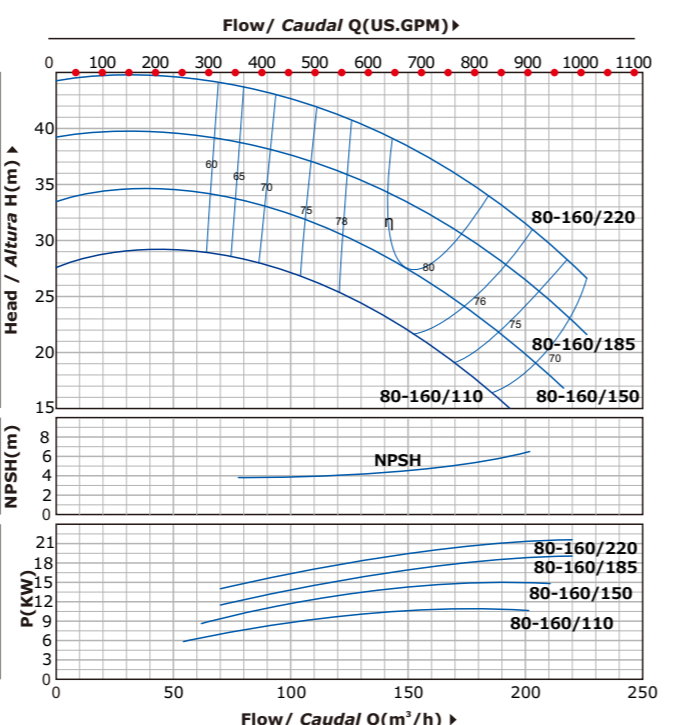
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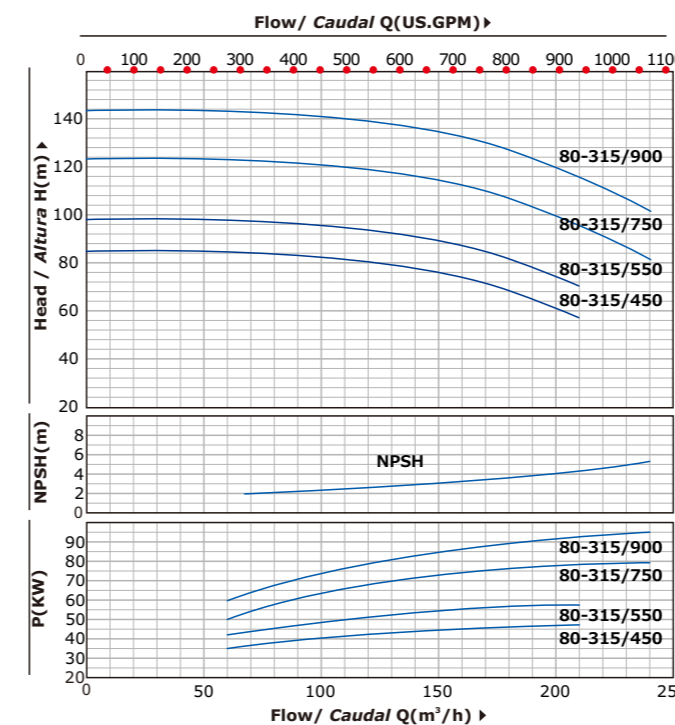
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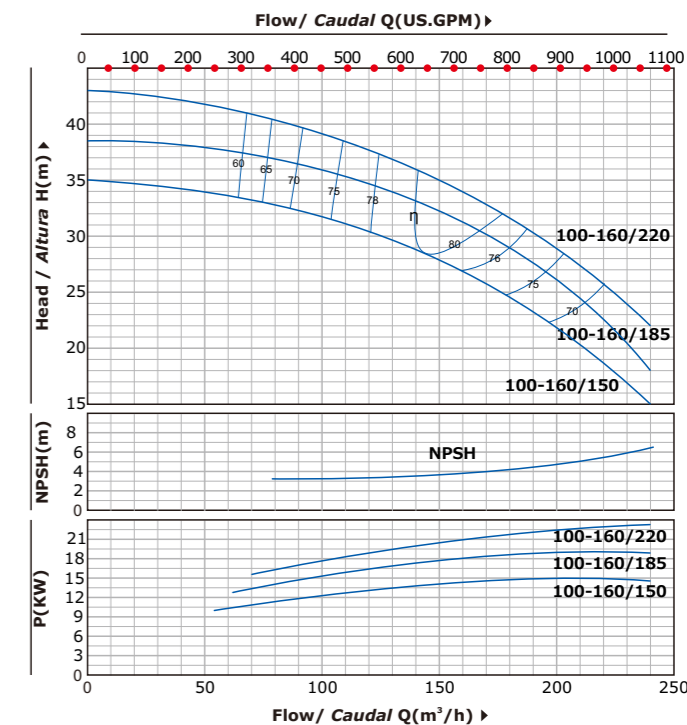
80-125



80-160



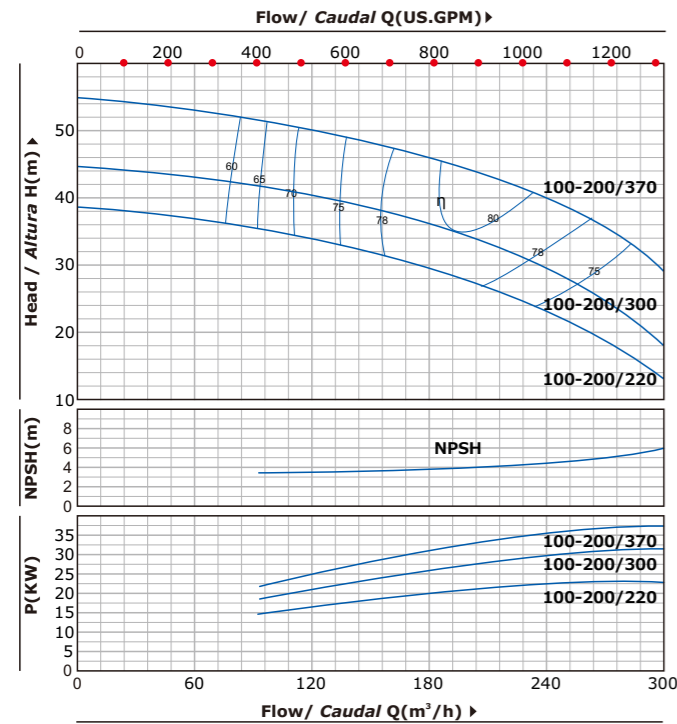
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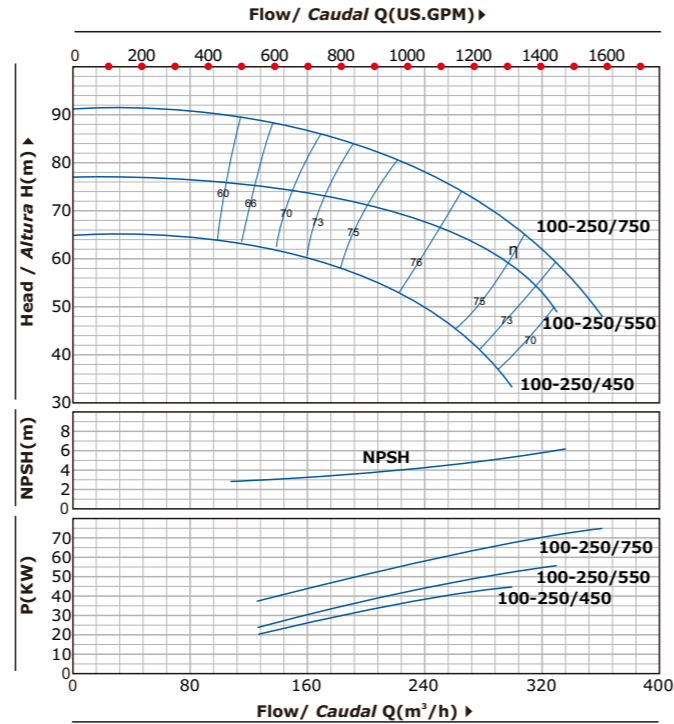
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PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

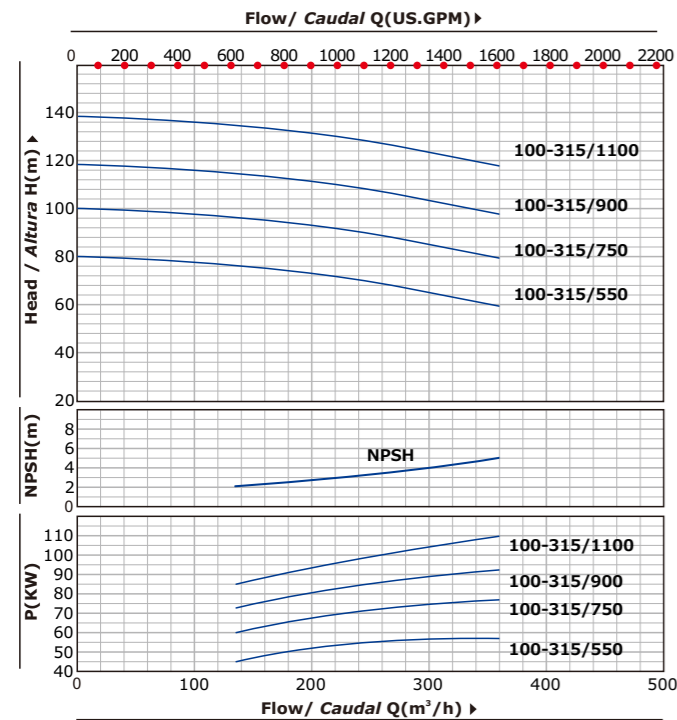
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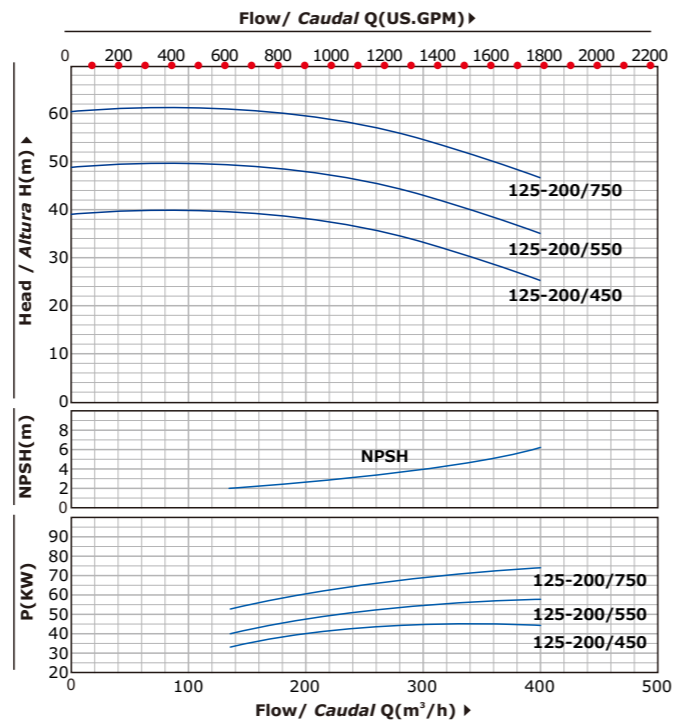
100-200



100-250



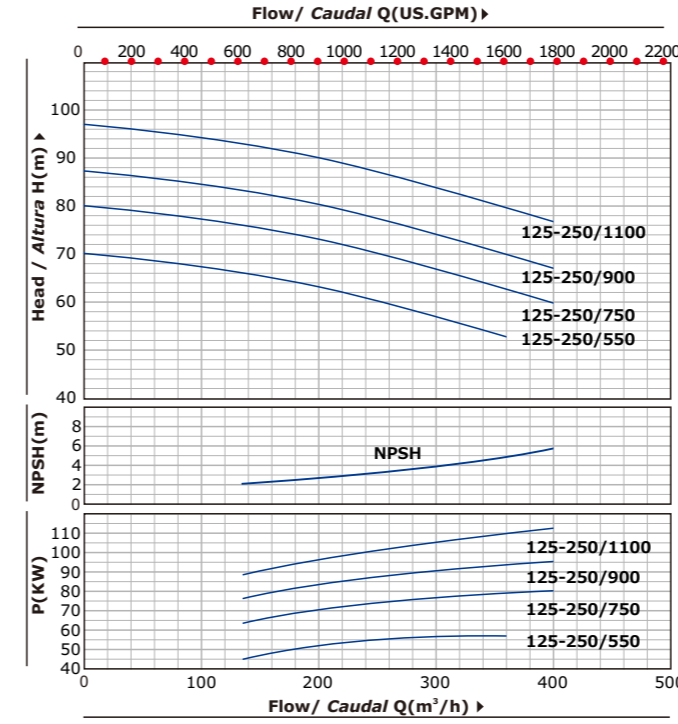
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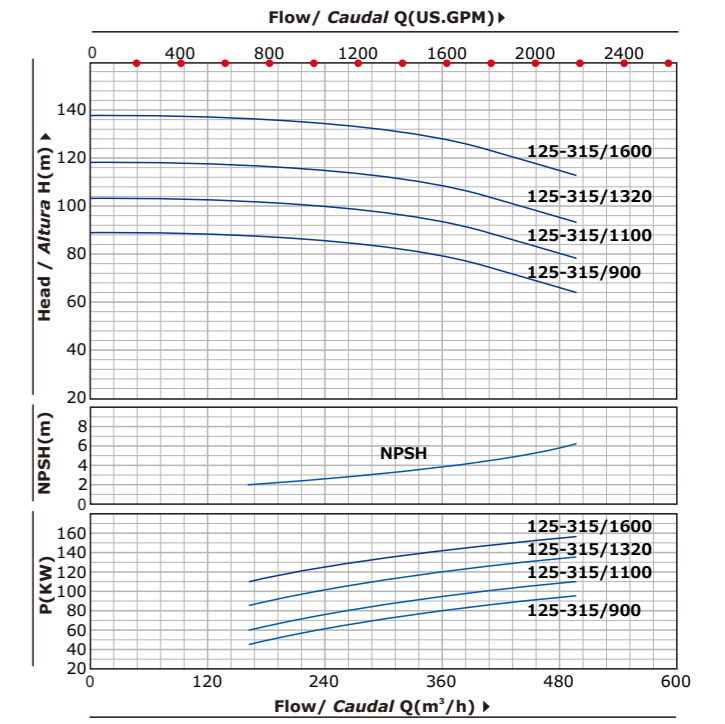
125-200

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

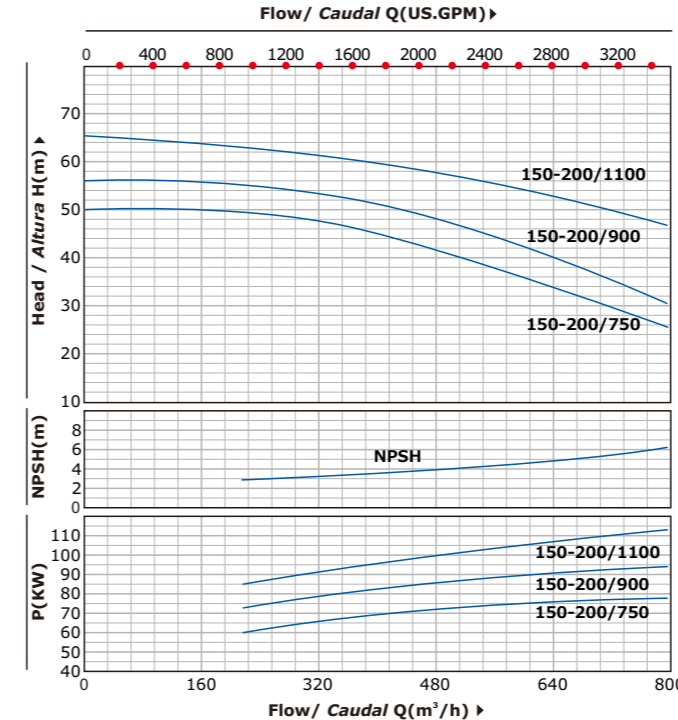
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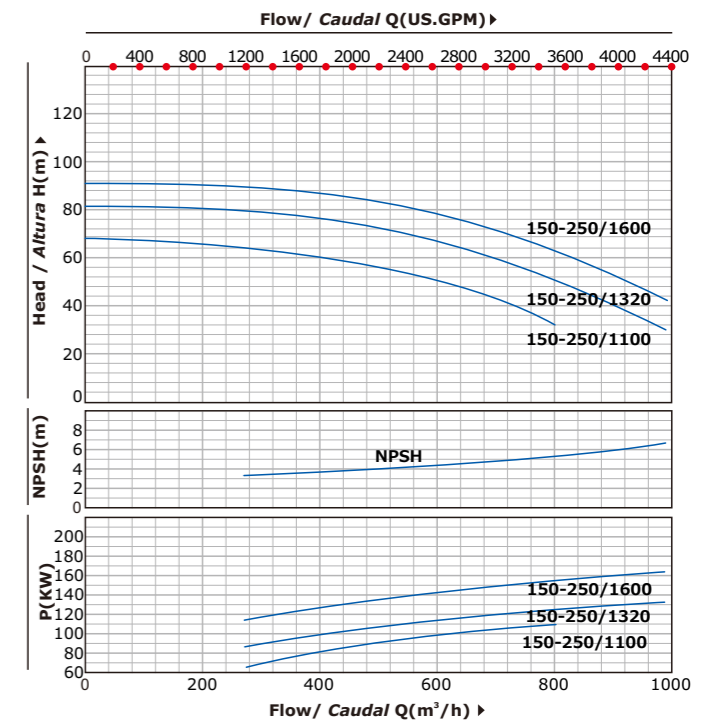
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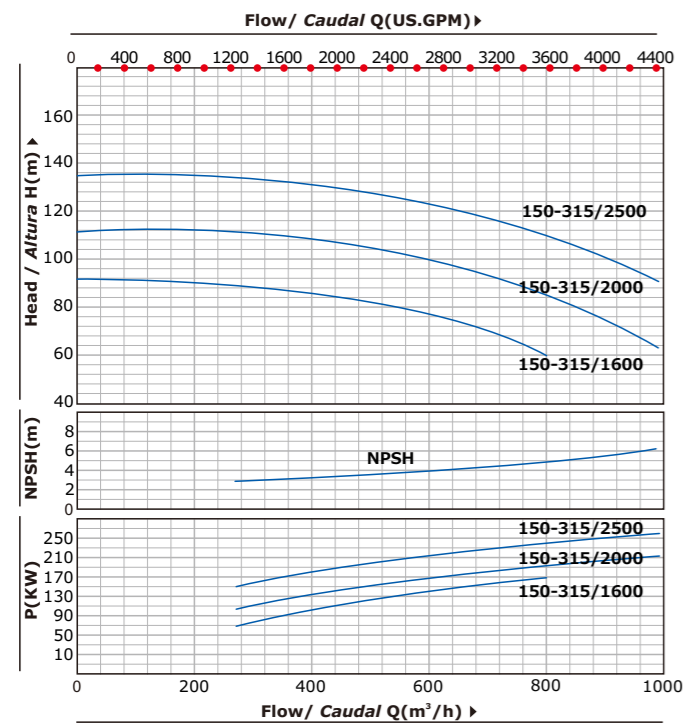
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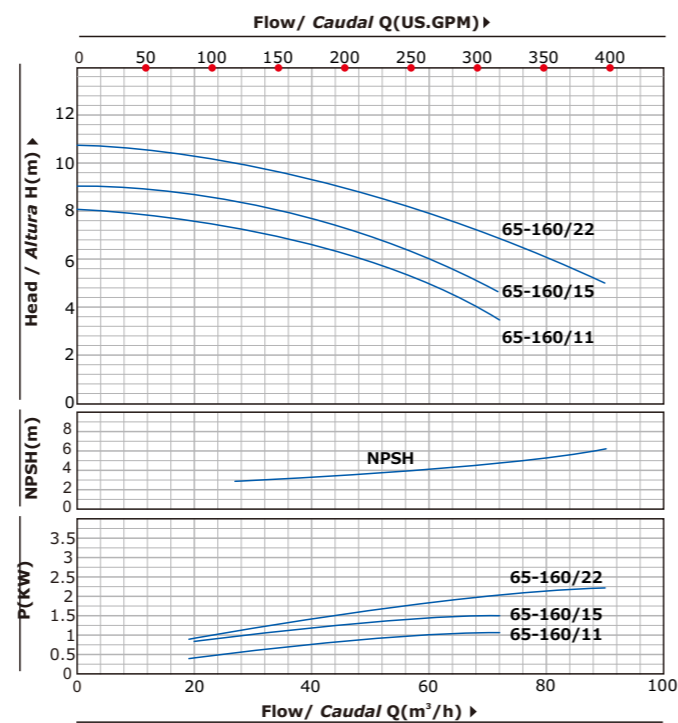
PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min



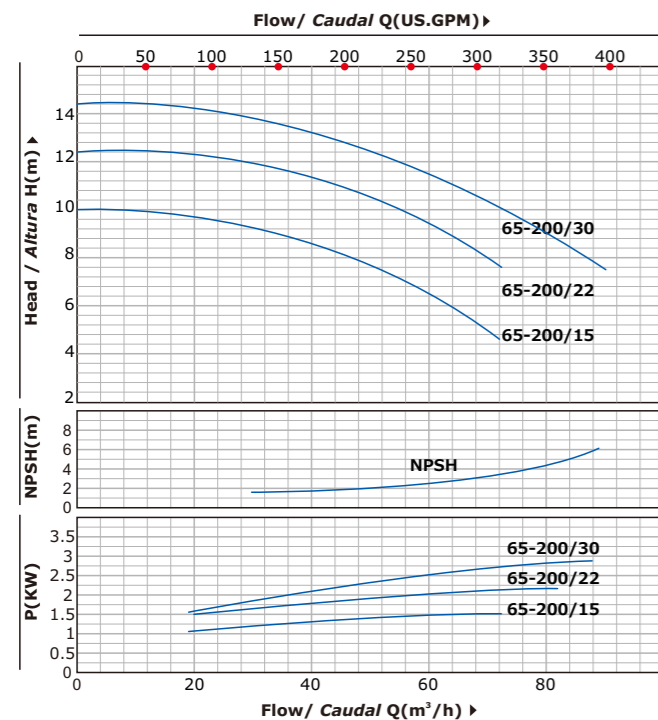
**150-315**

50 Hz n=1450 1/min



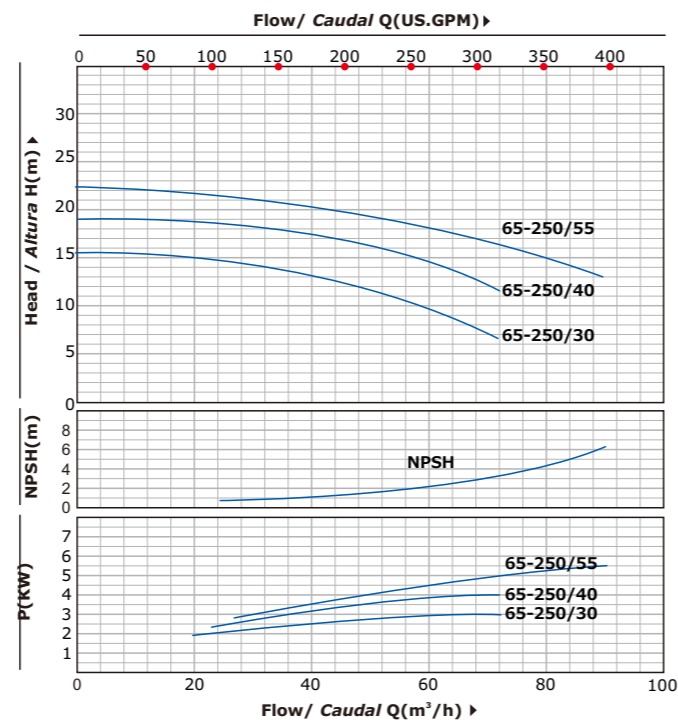
**PS4 65-160**

50 Hz n=1450 1/min



**PS4 65-200**

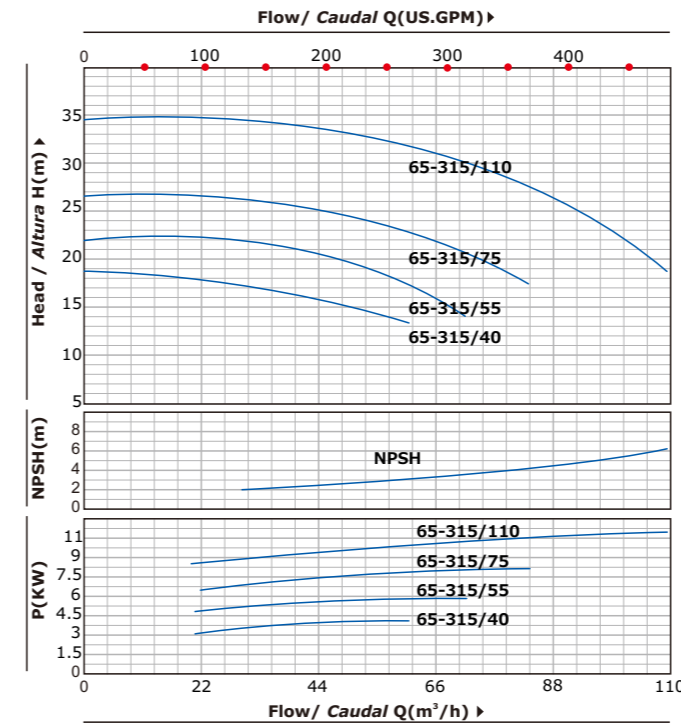
50 Hz n=1450 1/min



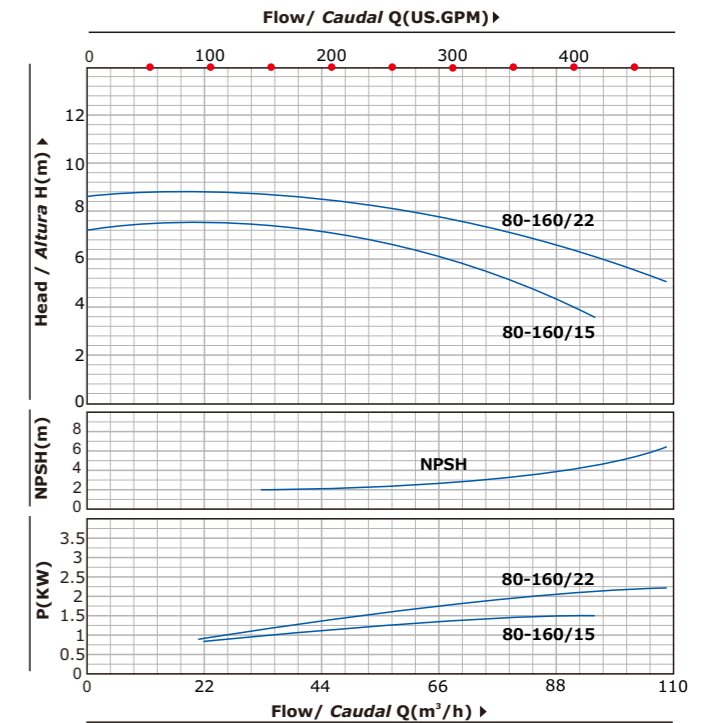
**PS4 65-250**

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

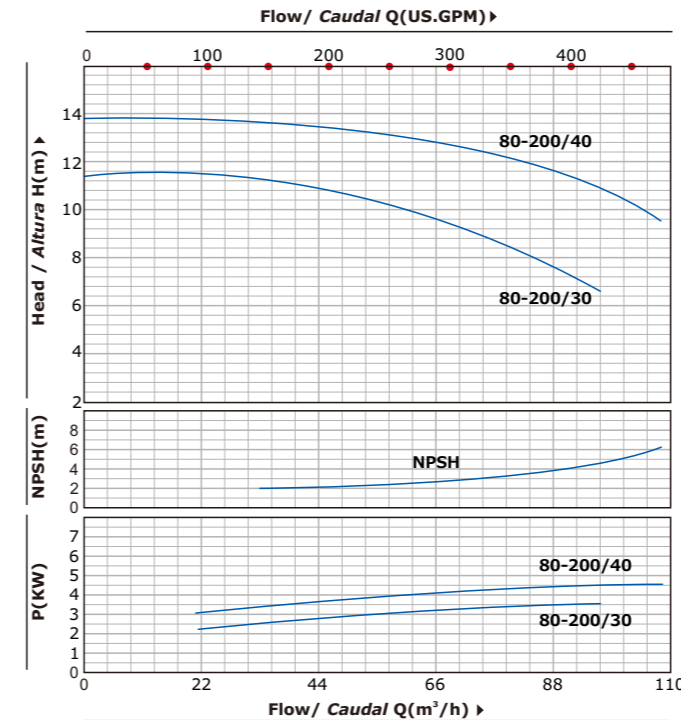
50 Hz n=1450 1/min



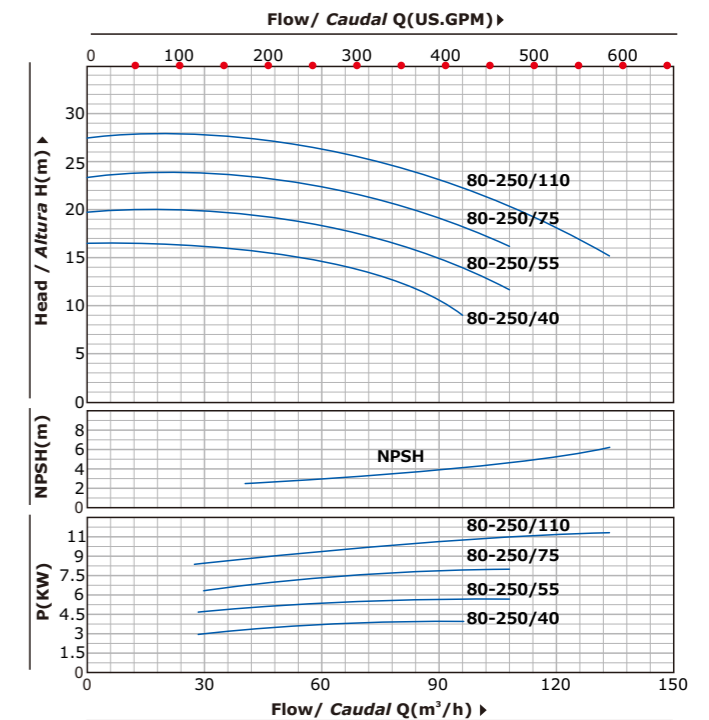
**PS4 65-315**



**PS4 80-160**



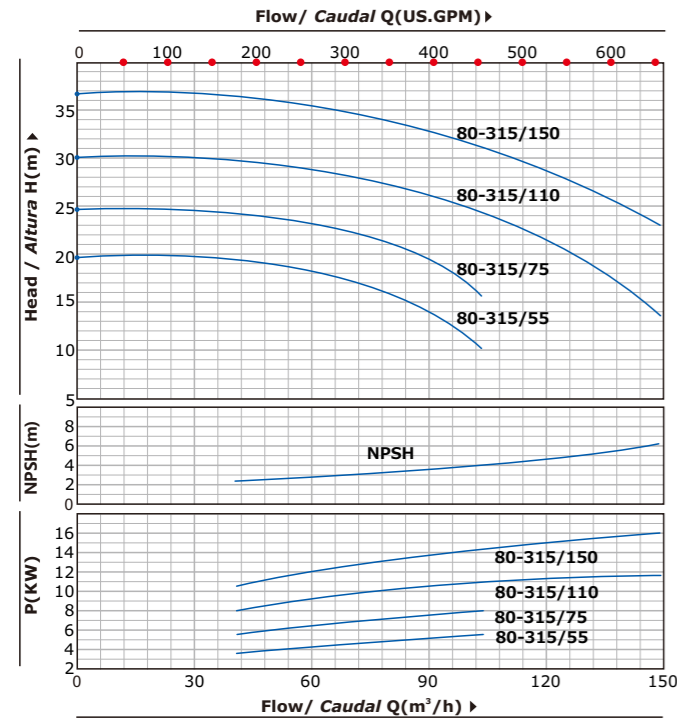
**PS4 80-200**



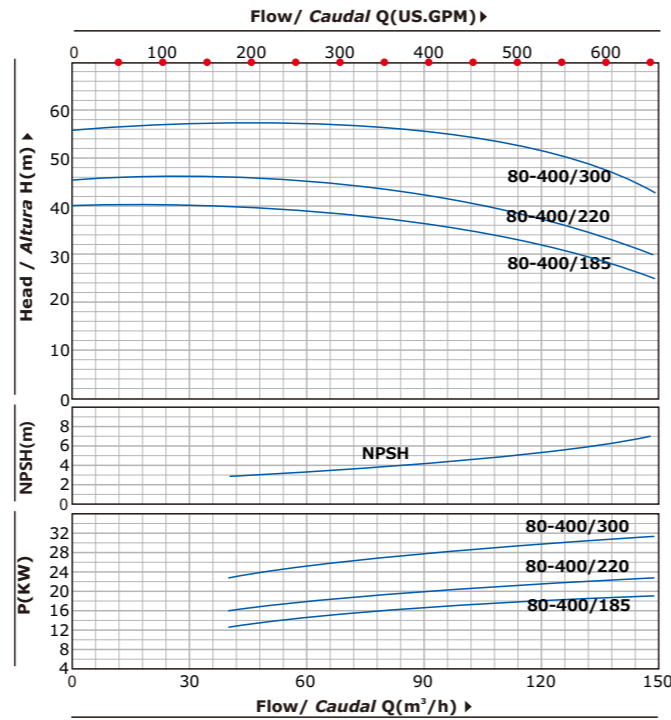
**PS4 80-250**

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=1450 1/min



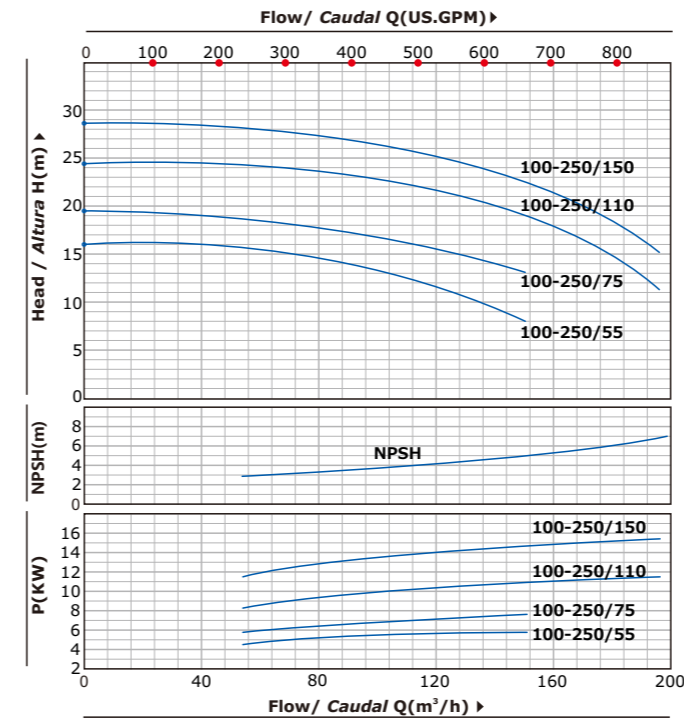
**PS4 80-315**



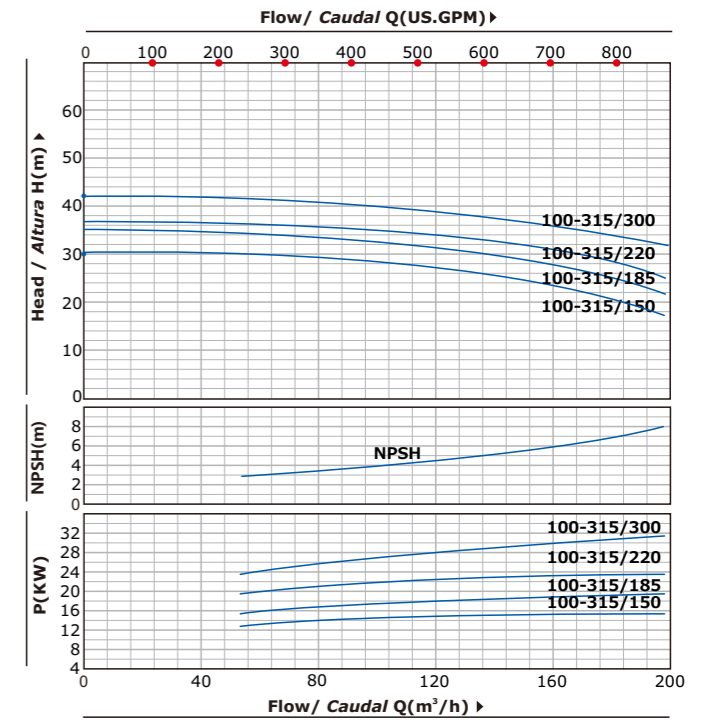
**PS4 80-400**

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

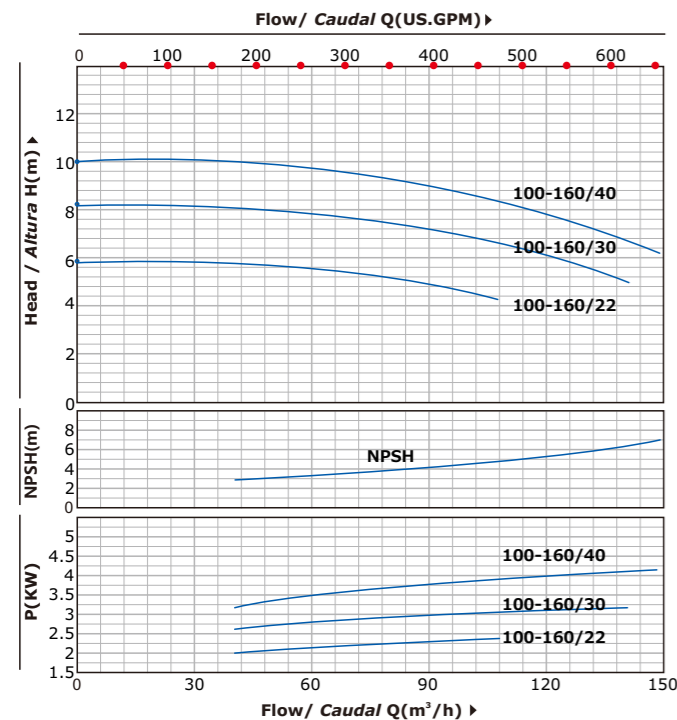
50 Hz n=1450 1/min



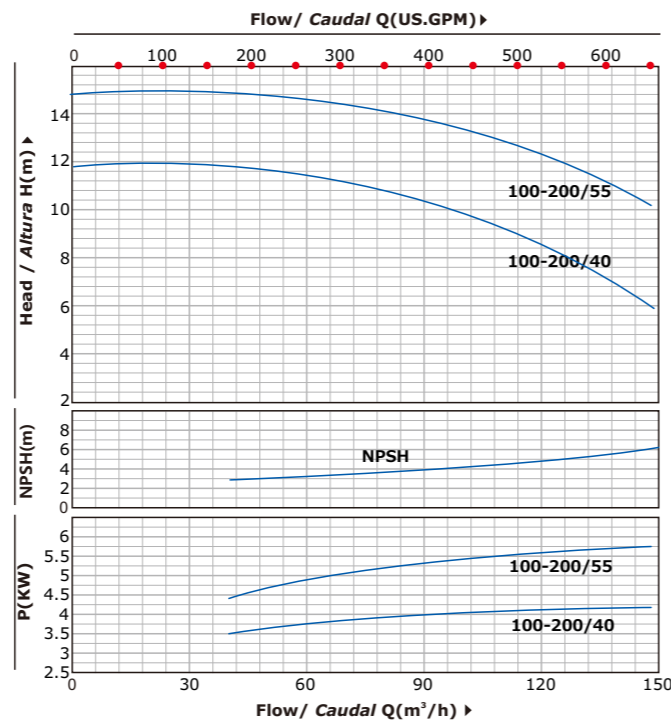
**PS4 100-250**



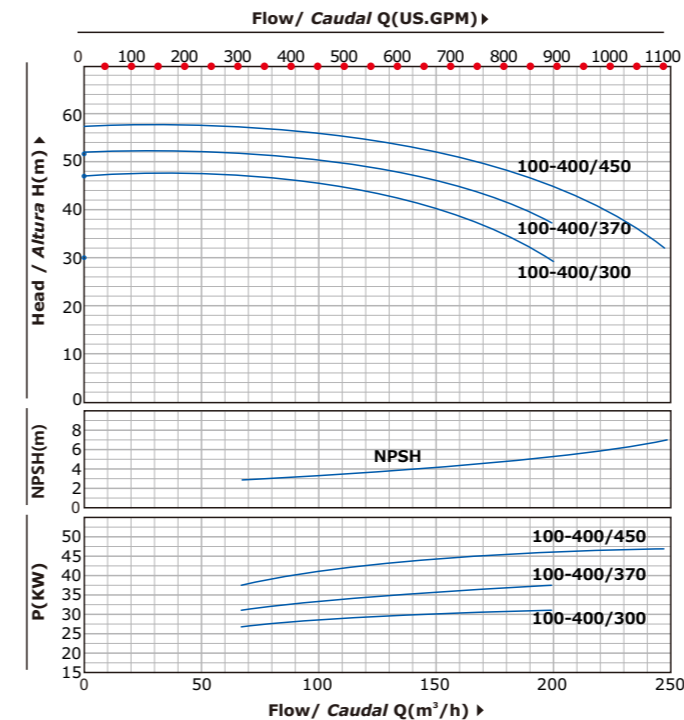
**PS4 100-315**



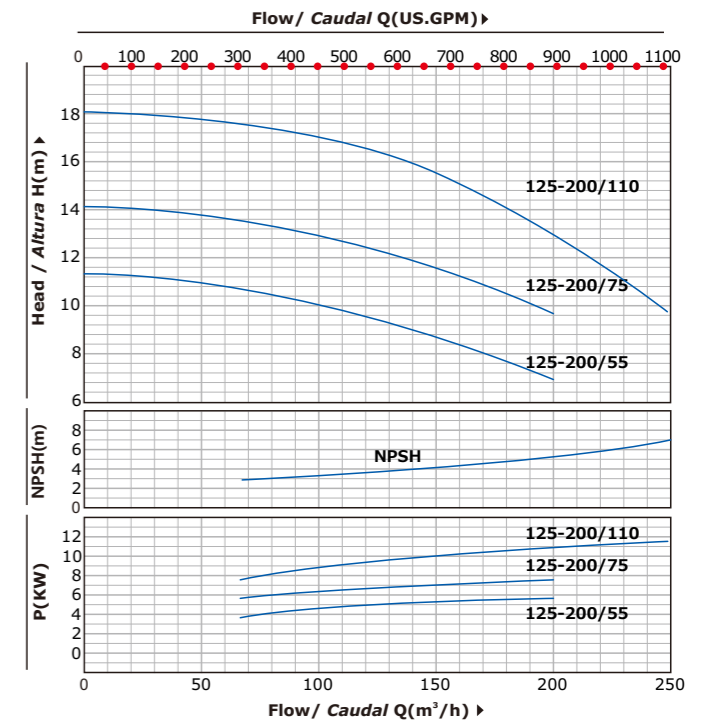
**PS4 100-160**



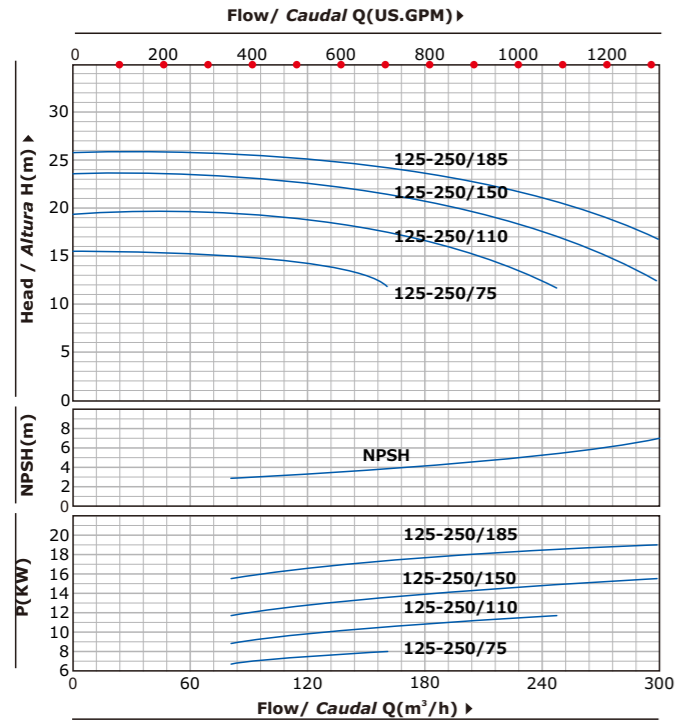
**PS4 100-200**



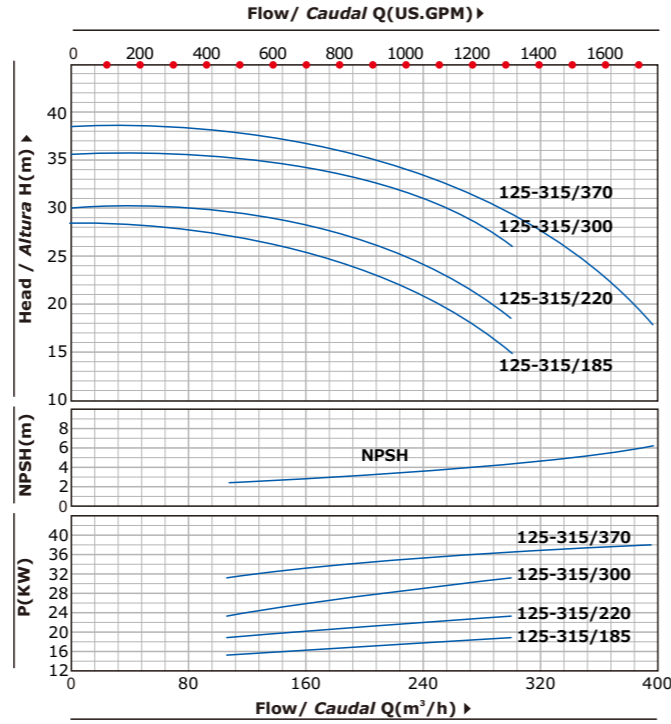
**PS4 100-400**



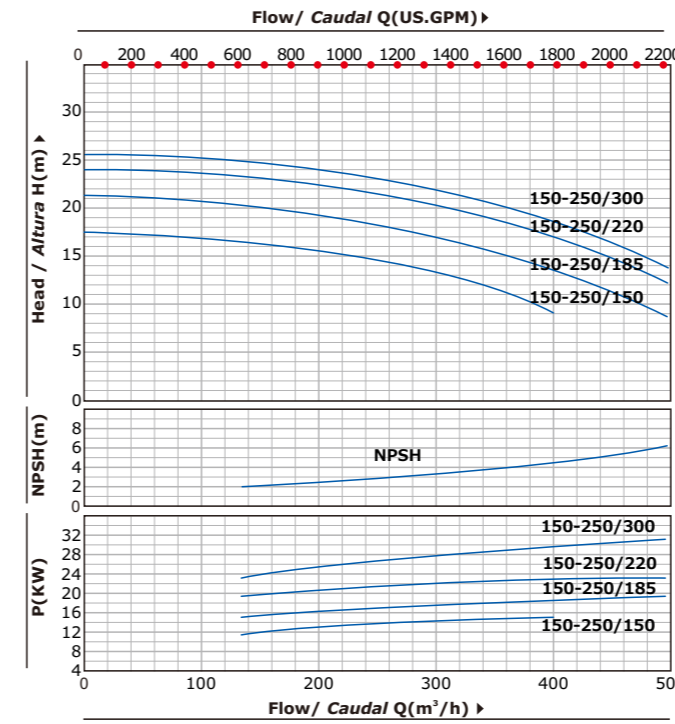
**PS4 125-200**



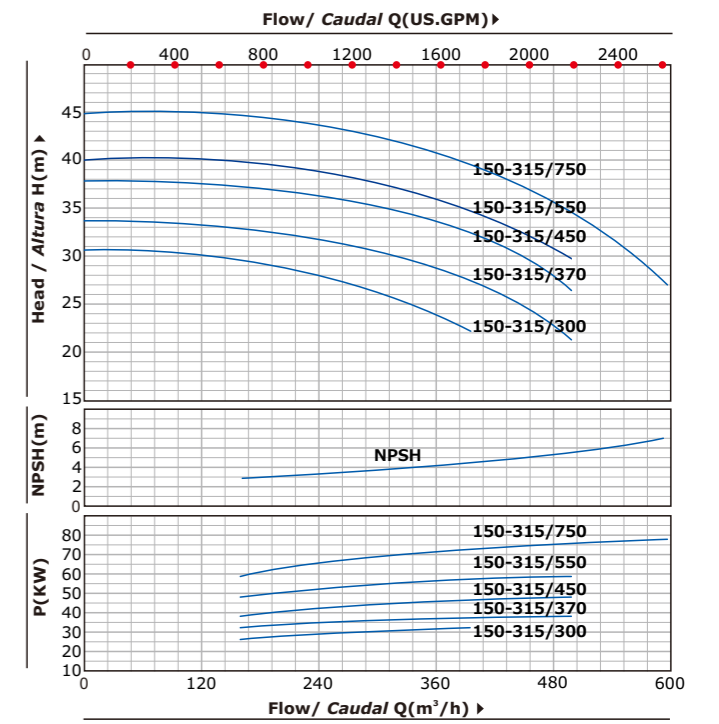
**PS4 125-250**



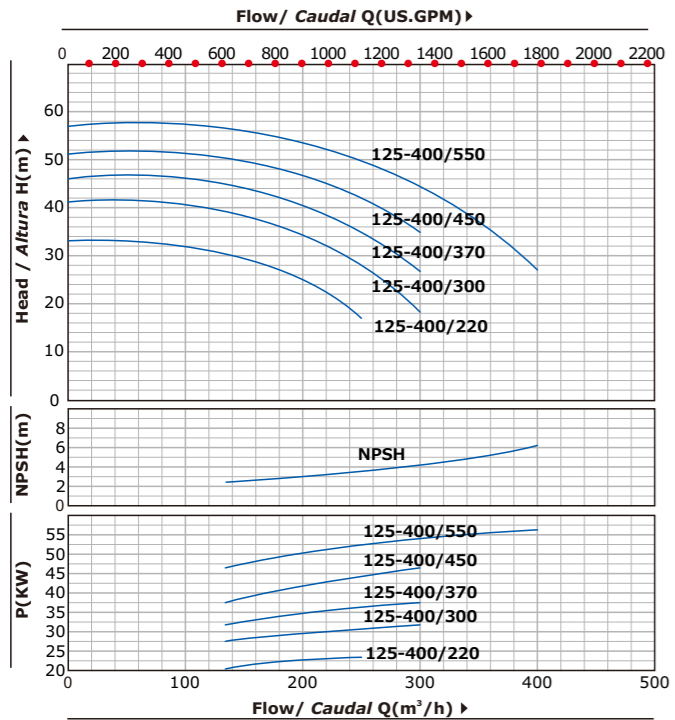
**PS4 125-315**



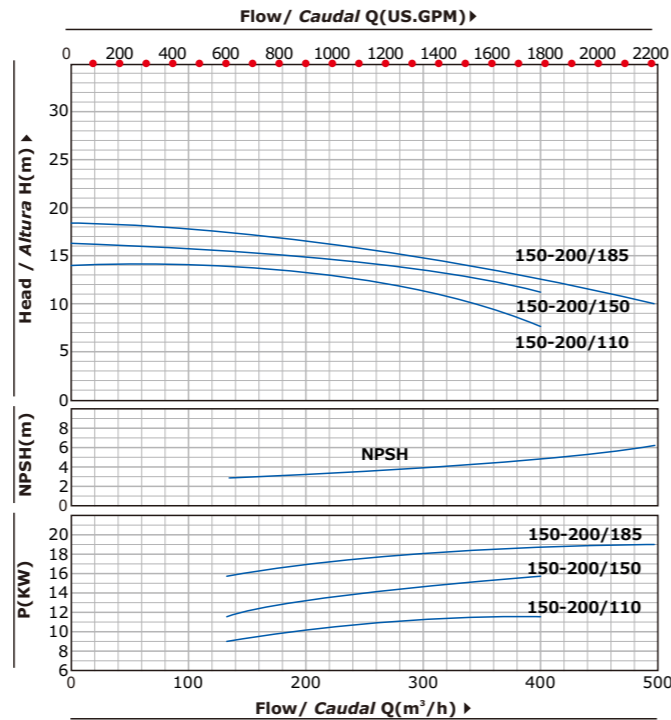
**PS4 150-250**



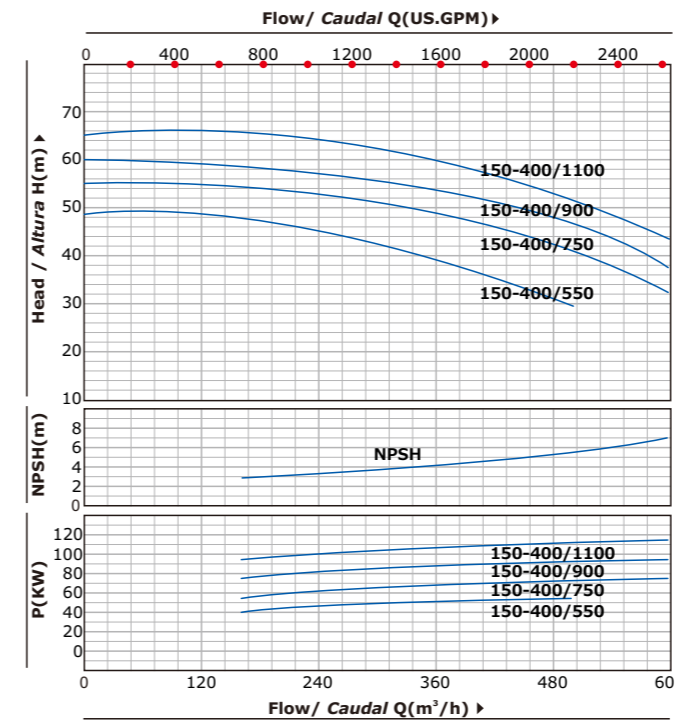
**PS4 150-315**



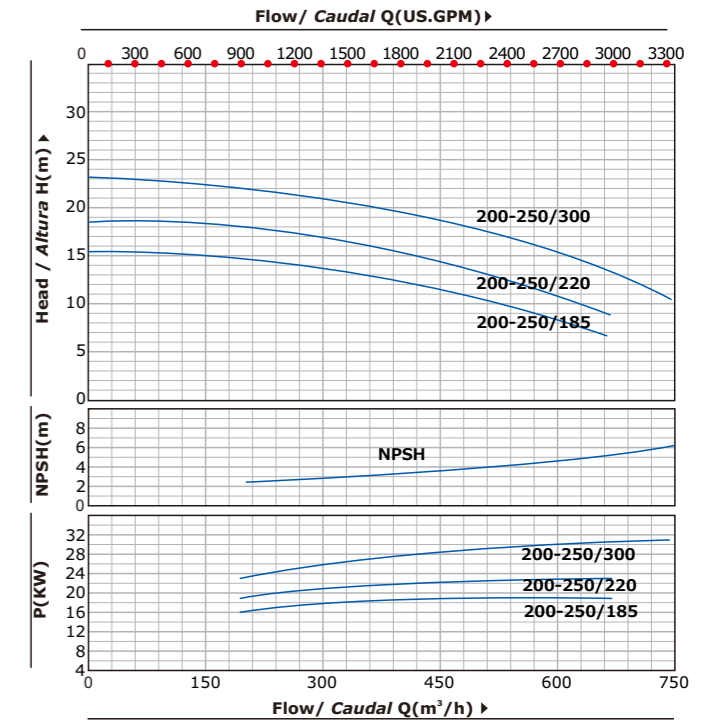
**PS4 125-400**



**PS4 150-200**



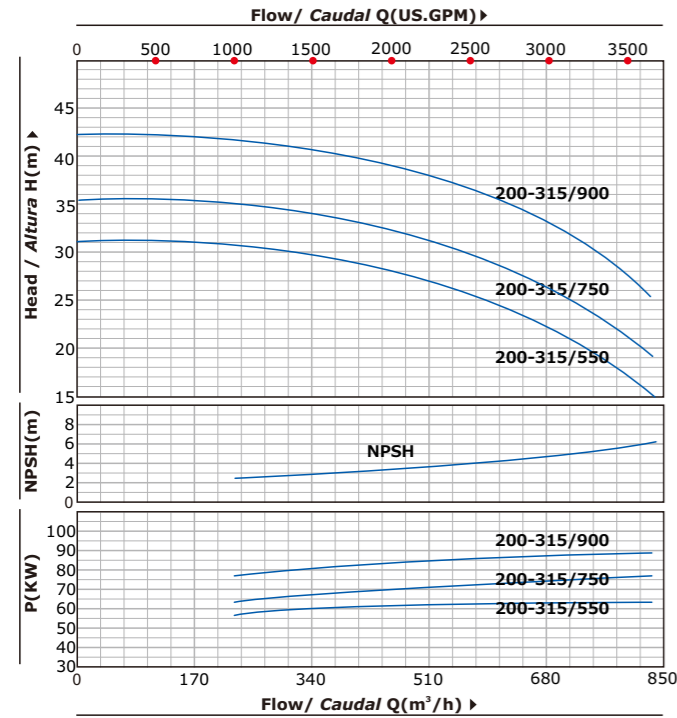
**PS4 150-400**



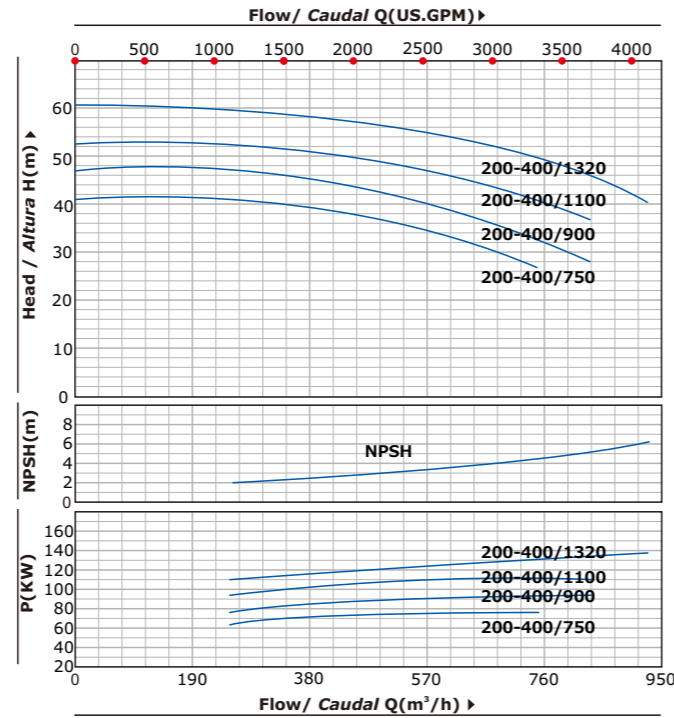
**PS4 200-250**

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

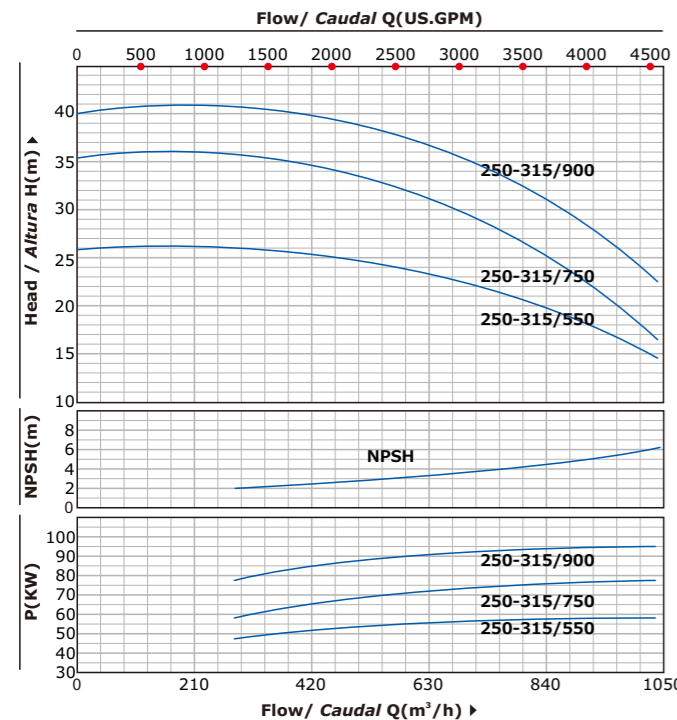
50 Hz n=1450 1/min



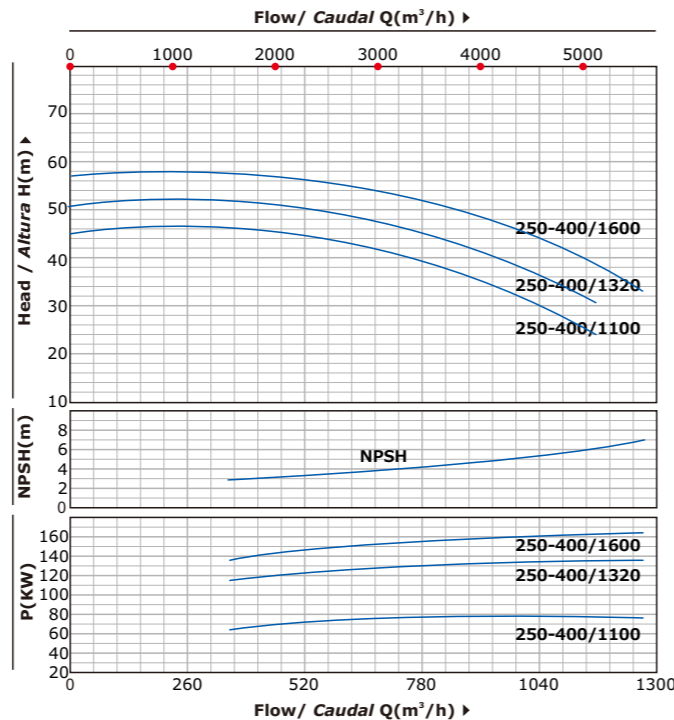
PS4 200-315



PS4 200-400

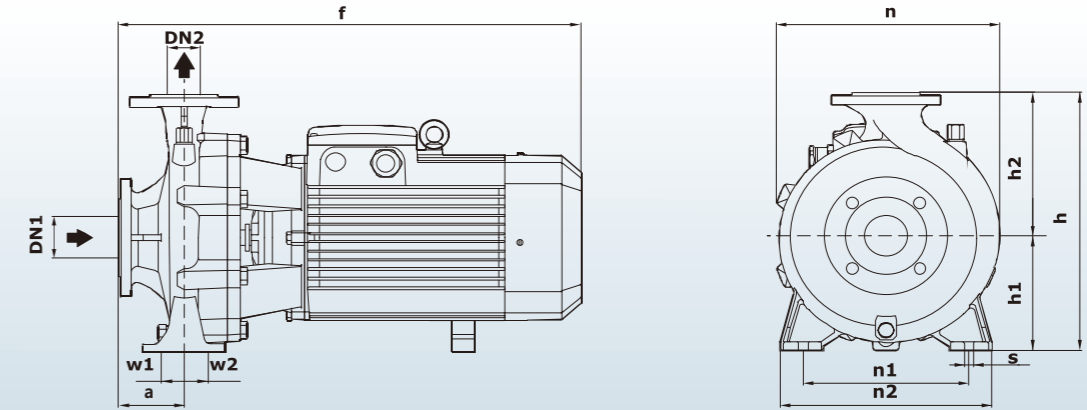


PS4 250-315



PS4 250-400

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



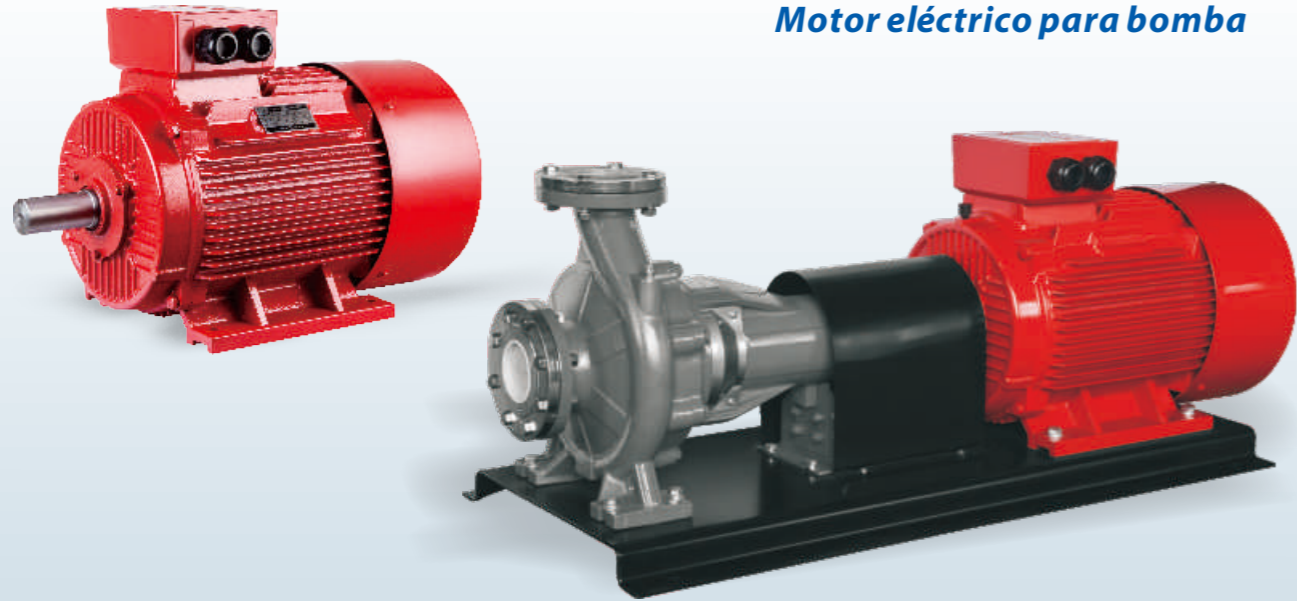
| MODEL / MODELO             |                          | DIMENSIONS / DIMENSIONES mm |     |     |     |     |     |     |     |     |     |     |     |     | kg  |     |    |    |    |    |     |     |
|----------------------------|--------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|-----|
| Single-phase<br>Monofásico | Three-phase<br>Trifásico | DN1                         | DN2 | a   | f   | h   | h1  | h2  | n   | n1  | n2  | w1  | w2  | s   | 1~  | 3~  |    |    |    |    |     |     |
| 32-125/7                   | 32-125/7                 | 50                          | 32  | 80  | 435 | 255 | 114 | 141 | 202 | 140 | 190 | 35  | 35  | 15  | 27  | 24  |    |    |    |    |     |     |
| 32-125/11                  | 32-125/11                |                             |     | 80  |     | 114 | 141 | 202 | 140 | 190 | 28  |     |     |     | 25  |     |    |    |    |    |     |     |
| 32-160/15                  | 32-160/15                |                             |     | 83  | 470 | 295 | 133 | 162 | 245 | 190 | 245 | 35  | 35  | 15  | 43  | 39  |    |    |    |    |     |     |
| 32-160/22                  | 32-160/22                |                             |     | 83  |     | 133 | 162 | 245 | 190 | 245 | 54  | 50  |     |     |     |     |    |    |    |    |     |     |
| 32-160/30                  | 32-160/30                |                             |     | 82  | 490 | 342 | 161 | 181 | 265 | 240 | -   | -   | -   | -   | -   | 56  | 52 |    |    |    |     |     |
| -                          | 32-200/40                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 53 |    |    |     |     |
| -                          | 32-250/55                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 66 |    |    |     |     |
| -                          | 32-250/75                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 73 |    |    |     |     |
| -                          | 32-250/110               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 95 |    |    |     |     |
| -                          | 32-250/55D               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | 73 |    |    |     |     |
| -                          | 32-250/75D               | -                           | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 80  |    |    |    |    |     |     |
| 40-125/11                  | 40-125/11                | 40                          | 37  | 82  | 440 | 260 | 116 | 144 | 220 | 160 | 212 | 37  | 37  | 14  | 30  | 27  |    |    |    |    |     |     |
| 40-125/15                  | 40-125/15                |                             |     | 82  | 116 | 144 | 220 | 160 | 212 | 33  | 29  |     |     |     |     |     |    |    |    |    |     |     |
| 40-125/22                  | 40-125/22                |                             |     | 80  | 490 | 305 | 135 | 170 | 250 | 190 | 241 |     |     |     | 37  | 37  | 15 | 38 | 34 |    |     |     |
| 40-160/30                  | 40-160/30                |                             |     | 80  | 135 | 170 | 250 | 190 | 241 | 52  | 48  |     |     |     |     |     |    |    |    |    |     |     |
| -                          | 40-160/40                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 50  |     |
| -                          | 40-200/55                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 66  |     |
| -                          | 40-200/75                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 73  |     |
| -                          | 40-250/92                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 100 |     |
| -                          | 40-250/110               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 116 |     |
| -                          | 40-250/150               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 146 |     |
| 50-125/22                  | 50-125/22                | 65                          | 50  | 102 | 525 | 305 | 135 | 170 | 263 | 190 | 245 | 37  | 37  | 15  | 45  | 41  |    |    |    |    |     |     |
| 50-125/30                  | 50-125/30                |                             |     | 102 | 135 | 170 | 263 | 190 | 245 | 54  | 50  |     |     |     |     |     |    |    |    |    |     |     |
| -                          | 50-125/40                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 52  |     |
| -                          | 50-160/55                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 64  |     |
| -                          | 50-160/75                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 71  |     |
| -                          | 50-200/92                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 90  |     |
| -                          | 50-200/110               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 106 |     |
| -                          | 50-250/150               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 145 |     |
| -                          | 50-250/185               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 153 |     |
| -                          | 50-250/220               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 183 |     |
| -                          | 65-125/40                | 80                          | 65  | 104 | 580 | 345 | 162 | 193 | 275 | 212 | 280 | 49  | 49  | 16  | -   | 56  |    |    |    |    |     |     |
| -                          | 65-125/55                |                             |     | 104 | 162 | 193 | 275 | 212 | 280 | -   | 68  |     |     |     |     |     |    |    |    |    |     |     |
| -                          | 65-125/75                |                             |     | 104 | 162 | 193 | 275 | 212 | 280 | -   | 74  |     |     |     |     |     |    |    |    |    |     |     |
| -                          | 65-160/92                |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 90  |     |
| -                          | 65-160/110               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 106 |     |
| -                          | 65-160/150               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 134 |     |
| -                          | 65-200/150               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 140 |     |
| -                          | 65-200/185               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 145 |     |
| -                          | 65-200/220               |                             |     | -   | -   | -   | -   | -   | -   | -   | -   |     |     |     | -   | -   | -  | -  | -  | -  | 185 |     |
| -                          | 80-125/40                |                             |     | 100 | 80  | 117 | 750 | 357 | 163 | 194 | 330 |     |     |     | 212 | 280 | 55 | 55 | 16 | -  | 56  |     |
| -                          | 80-125/55                | 117                         | 163 |     |     | 194 |     | 212 | 280 | -   |     | 68  |     |     |     |     |    |    |    |    |     |     |
| -                          | 80-125/75                | -                           | -   |     |     | -   | -   | -   | -   | -   |     | -   | -   | -   | -   | -   |    |    |    | -  | -   | 74  |
| -                          | 80-160/110               | -                           | -   |     |     | -   | -   | -   | -   | -   |     | -   | -   | -   | -   | -   |    |    |    | -  | -   | 113 |
| -                          | 80-160/150               | -                           | -   |     |     | -   | -   | -   | -   | -   |     | -   | -   | -   | -   | -   |    |    |    | -  | -   | 143 |
| -                          | 80-160/150               | 88                          | 255 |     |     | 332 | 255 | 332 | -   | 143 |     |     |     |     |     |     |    |    |    |    |     |     |
| -                          | 80-160/185-220           | -                           | -   |     |     | -   | -   | -   | -   | -   |     | -   | -   | -   | -   | -   |    |    |    | -  | -   | 150 |
| -                          | 100-160/150              | -                           | -   |     |     | -   | -   | -   | -   | -   |     | -   | -   | -   | -   | -   |    |    |    | -  | -   | 143 |
| -                          | 100-160/185              | 125                         | 100 |     |     | 130 | 765 | 435 | 186 | 250 |     | 345 | 262 | 340 | 55  | 55  |    |    |    | 16 | -   | 150 |
| -                          | 100-160/220              | -                           | -   |     |     | -   | -   | -   | -   | -   |     | -   | -   | -   | -   | -   |    |    |    | -  | -   | 183 |





## YE3

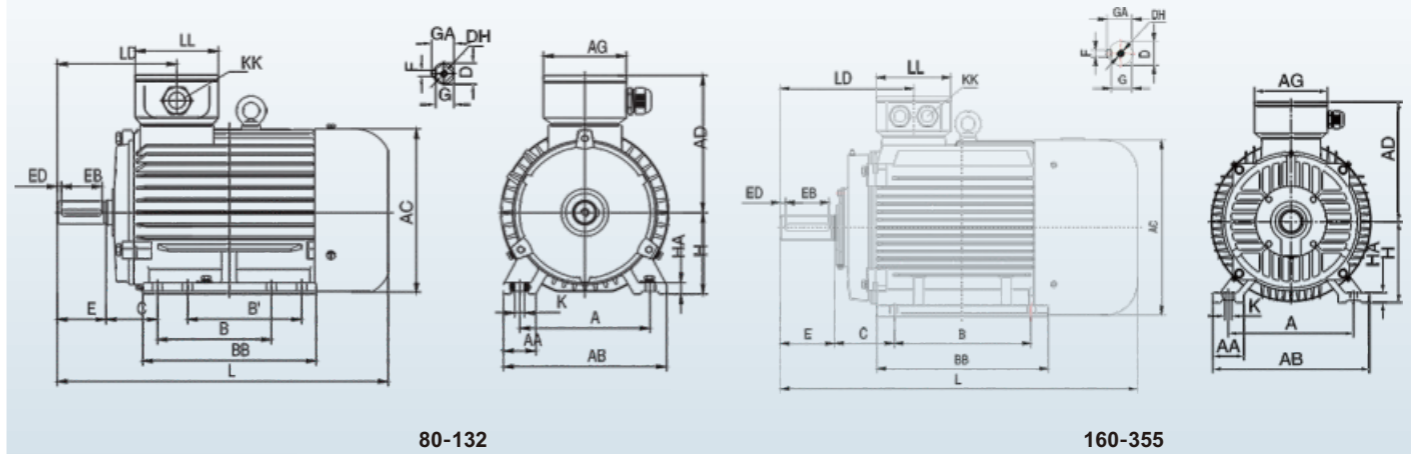
Electric motor for pump  
Motor eléctrico para bomba



### TECHNICAL DATA / DATOS TÉCNICOS

| MODEL<br>MODELO | Power<br>Potencia |      | rpm  | η%   | η%<br>at 75% | η%<br>at 50% | cosφ | A    |      |      | Nm    | Tmax/Tn | Ts/Tn | Is/n | kg   |
|-----------------|-------------------|------|------|------|--------------|--------------|------|------|------|------|-------|---------|-------|------|------|
|                 | kw                | hp   |      |      |              |              |      | 380V | 400V | 415V |       |         |       |      |      |
|                 | YE3-801-2         | 0.75 |      |      |              |              |      | 1    | 2880 | 80.7 |       |         |       |      |      |
| YE3-802-2       | 1.1               | 1.5  | 2880 | 82.7 | 82.7         | 81.0         | 0.83 | 2.43 | 2.31 | 2.23 | 3.65  | 2.2     | 2.3   | 7.3  | 19.5 |
| YE3-90S-2       | 1.5               | 2    | 2895 | 84.2 | 84.2         | 82.5         | 0.84 | 3.22 | 3.06 | 2.95 | 4.95  | 2.2     | 2.3   | 7.6  | 23.3 |
| YE3-90L-2       | 2.2               | 3    | 2895 | 85.9 | 85.9         | 84.2         | 0.85 | 4.58 | 4.35 | 4.19 | 7.26  | 2.2     | 2.3   | 7.6  | 27.1 |
| YE3-100L-2      | 3                 | 4    | 2895 | 87.1 | 87.1         | 85.4         | 0.87 | 6.02 | 5.71 | 5.51 | 9.90  | 2.2     | 2.3   | 7.8  | 38.8 |
| YE3-112M-2      | 4                 | 5.5  | 2905 | 88.1 | 88.1         | 86.3         | 0.88 | 7.84 | 7.45 | 7.18 | 13.1  | 2.2     | 2.3   | 8.3  | 48.3 |
| YE3-132S1-2     | 5.5               | 7.5  | 2930 | 89.2 | 89.2         | 87.4         | 0.88 | 10.6 | 10.1 | 9.75 | 17.9  | 2.0     | 2.3   | 8.3  | 55.1 |
| YE3-132S-2      | 7.5               | 10   | 2930 | 90.1 | 90.1         | 88.3         | 0.88 | 14.4 | 13.7 | 13.2 | 24.4  | 2.0     | 2.3   | 7.9  | 69.2 |
| YE3-160M1-2     | 11                | 15   | 2945 | 91.2 | 91.2         | 89.4         | 0.89 | 20.6 | 19.6 | 18.9 | 35.7  | 2.0     | 2.3   | 8.1  | 113  |
| YE3-160M2-2     | 15                | 20   | 2945 | 91.9 | 91.9         | 90.1         | 0.89 | 27.9 | 26.5 | 25.5 | 48.6  | 2.0     | 2.3   | 8.1  | 123  |
| YE3-160L-2      | 18.5              | 25   | 2940 | 92.4 | 92.4         | 90.6         | 0.89 | 34.2 | 32.5 | 31.3 | 60.1  | 2.0     | 2.3   | 8.2  | 142  |
| YE3-180M-2      | 22                | 30   | 2955 | 92.7 | 92.7         | 90.8         | 0.89 | 40.5 | 38.5 | 37.1 | 71.1  | 2.0     | 2.3   | 8.2  | 182  |
| YE3-200L1-2     | 30                | 40   | 2960 | 93.3 | 93.3         | 91.4         | 0.89 | 54.9 | 52.1 | 50.3 | 96.8  | 2.0     | 2.3   | 7.6  | 246  |
| YE3-200L2-2     | 37                | 50   | 2960 | 93.7 | 93.7         | 91.8         | 0.89 | 67.4 | 64.0 | 61.7 | 119.4 | 2.0     | 2.3   | 7.6  | 265  |
| YE3-225M-2      | 45                | 60   | 2965 | 94.0 | 94.0         | 92.1         | 0.90 | 80.8 | 76.8 | 74.0 | 144.9 | 2.0     | 2.3   | 7.7  | 323  |
| YE3-250M-2      | 55                | 75   | 2970 | 94.3 | 94.3         | 92.4         | 0.90 | 98.5 | 93.5 | 90.2 | 176.9 | 2.0     | 2.3   | 7.7  | 413  |
| YE3-280S-2      | 75                | 100  | 2975 | 94.7 | 94.7         | 92.8         | 0.90 | 134  | 127  | 122  | 240.8 | 1.8     | 2.3   | 7.1  | 546  |
| YE3-280M-2      | 90                | 125  | 2975 | 95.0 | 95.0         | 93.1         | 0.90 | 160  | 152  | 146  | 288.9 | 1.8     | 2.3   | 7.1  | 569  |
| YE3-315S-2      | 110               | 150  | 2978 | 95.2 | 95.2         | 93.3         | 0.90 | 195  | 185  | 179  | 352.8 | 1.8     | 2.3   | 7.1  | 897  |
| YE3-315M-2      | 132               | 180  | 2978 | 95.4 | 95.4         | 93.5         | 0.90 | 234  | 222  | 214  | 423.3 | 1.8     | 2.3   | 7.1  | 1029 |
| YE3-315L1-2     | 160               | 220  | 2980 | 95.6 | 95.6         | 93.7         | 0.91 | 279  | 265  | 256  | 512.8 | 1.8     | 2.3   | 7.2  | 1067 |
| YE3-315L2-2     | 200               | 270  | 2980 | 95.8 | 95.8         | 93.9         | 0.91 | 349  | 331  | 319  | 640.9 | 1.8     | 2.2   | 7.2  | 1194 |
| YE3-355M-2      | 250               | 340  | 2982 | 95.8 | 95.8         | 93.9         | 0.91 | 436  | 414  | 399  | 800.6 | 1.6     | 2.2   | 7.2  | 1685 |
| YE3-355L-2      | 315               | 430  | 2982 | 95.8 | 95.8         | 93.9         | 0.91 | 549  | 522  | 503  | 1009  | 1.6     | 2.2   | 7.2  | 1734 |

### DIMENSIONS / DIMENSIONES

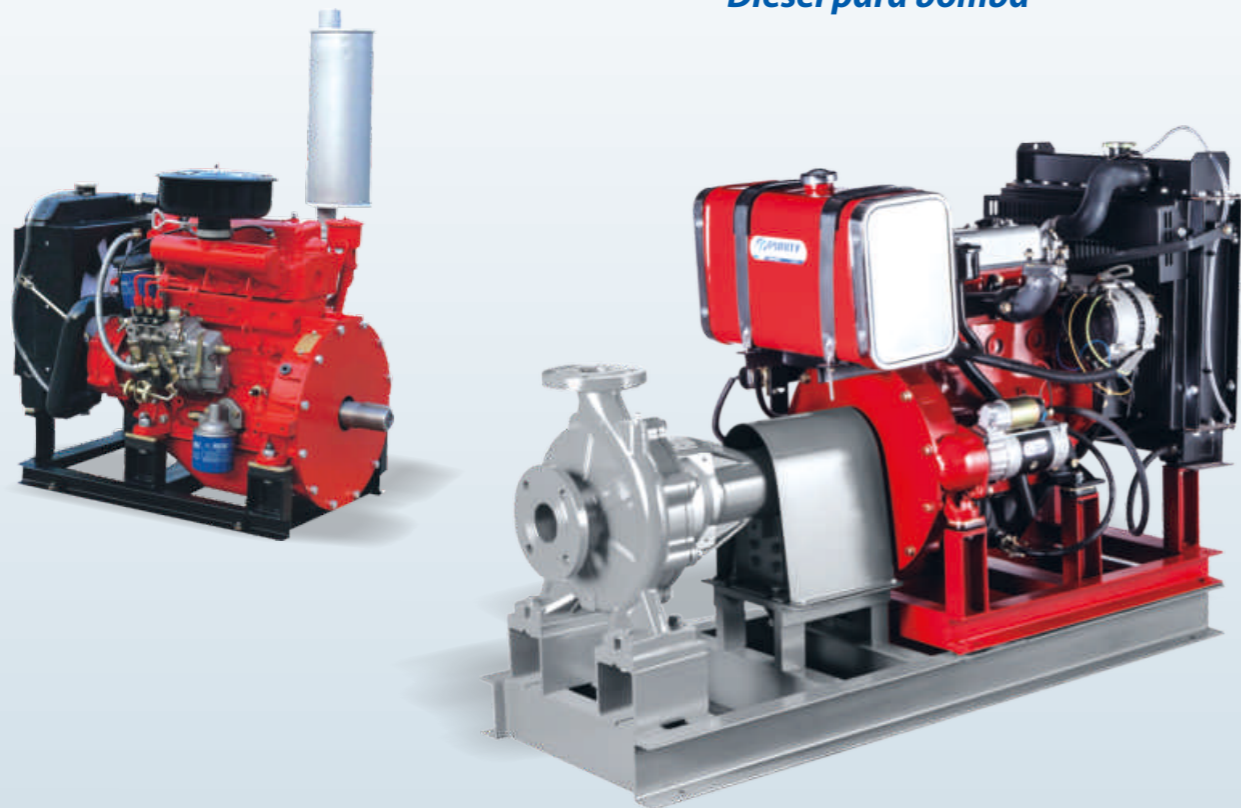


| MODEL<br>MODELO | DIMENSIONS / DIMENSIONES mm |     |     |       |       |     |     |     |     |    |        |     |     |     |    |      |      |     |    |         |           |      |       |     |
|-----------------|-----------------------------|-----|-----|-------|-------|-----|-----|-----|-----|----|--------|-----|-----|-----|----|------|------|-----|----|---------|-----------|------|-------|-----|
|                 | A                           | AA  | AB  | AC    | AD    | AG  | B   | BB  | C   | D  | DH     | E   | EB  | ED  | F  | G    | GA   | H   | HA | K       | KK        | L    | LD    | LL  |
| 80              | 125                         | 34  | 160 | 167   | 147   | 102 | 100 | 150 | 50  | 19 | M6X16  | 40  | 30  | 2.5 | 6  | 15.5 | 21.5 | 80  | 10 | 4-Φ10   | 1-M25X1.5 | 304  | 119   | 102 |
| 90S             | 140                         | 36  | 176 | 182.4 | 154.5 | 102 | 100 | 161 | 56  | 24 | M8X19  | 50  | 40  | 5   | 8  | 20   | 27   | 90  | 12 | 4-Φ10   | 1-M25X1.5 | 336  | 143   | 102 |
| 90L             | 140                         | 36  | 176 | 182.4 | 154.5 | 102 | 125 | 186 | 56  | 24 | M8X19  | 50  | 40  | 5   | 8  | 20   | 27   | 90  | 12 | 4-Φ10   | 1-M25X1.5 | 361  | 143   | 102 |
| 100L            | 160                         | 40  | 200 | 205.4 | 166   | 102 | 140 | 213 | 63  | 28 | M10X22 | 60  | 50  | 5   | 8  | 24   | 31   | 100 | 14 | 4-Φ12   | 1-M32X1.5 | 406  | 147   | 102 |
| 112M            | 190                         | 50  | 240 | 230   | 188   | 118 | 140 | 188 | 70  | 28 | M10X22 | 60  | 50  | 5   | 8  | 24   | 31   | 112 | 15 | 4-Φ12   | 2-M32X1.5 | 394  | 147   | 110 |
| 132S            | 216                         | 55  | 265 | 258.4 | 203   | 118 | 140 | 186 | 89  | 38 | M12X28 | 80  | 65  | 5   | 10 | 33   | 41   | 132 | 18 | 4-Φ12   | 2-M32X1.5 | 438  | 172   | 110 |
| 132M            | 216                         | 55  | 265 | 258.4 | 203   | 118 | 178 | 224 | 89  | 38 | M12X28 | 80  | 65  | 7.5 | 10 | 33   | 41   | 132 | 18 | 4-Φ12   | 2-M32X1.5 | 476  | 172   | 110 |
| 160M            | 254                         | 65  | 314 | 314   | 251   | 162 | 210 | 260 | 108 | 42 | M16X36 | 110 | 90  | 7.5 | 12 | 37   | 45   | 160 | 20 | 4-Φ14.5 | 2-M40X1.5 | 608  | 256   | 152 |
| 160L            | 254                         | 65  | 314 | 314   | 251   | 162 | 254 | 304 | 108 | 42 | M16X36 | 110 | 90  | 10  | 12 | 37   | 45   | 160 | 20 | 4-Φ14.5 | 2-M40X1.5 | 652  | 256   | 152 |
| 180M            | 279                         | 70  | 349 | 355   | 267   | 162 | 241 | 311 | 121 | 48 | M16X36 | 110 | 90  | 10  | 14 | 42.5 | 51.5 | 180 | 22 | 4-Φ14.5 | 2-M40X1.5 | 688  | 271   | 152 |
| 180L            | 279                         | 70  | 349 | 355   | 267   | 162 | 279 | 349 | 121 | 48 | M16X36 | 110 | 90  | 10  | 14 | 42.5 | 51.5 | 180 | 22 | 4-Φ14.5 | 2-M40X1.5 | 726  | 271   | 152 |
| 200L            | 318                         | 70  | 388 | 397   | 299   | 210 | 305 | 369 | 133 | 55 | M20X42 | 110 | 100 | 10  | 16 | 49   | 59   | 200 | 25 | 4-Φ18.5 | 2-M50X1.5 | 779  | 296   | 190 |
| 225S            | 356                         | 75  | 431 | 446   | 322   | 210 | 286 | 368 | 149 | 60 | M20X42 | 140 | 125 | 5   | 18 | 53   | 64   | 225 | 28 | 4-Φ18.5 | 2-M50X1.5 | 824  | 329   | 190 |
| 225M            | 356                         | 75  | 431 | 446   | 322   | 210 | 311 | 393 | 149 | 55 | M20X42 | 110 | 100 | 7.5 | 16 | 49   | 59   | 225 | 28 | 4-Φ18.5 | 2-M50X1.5 | 819  | 299   | 190 |
| 250M            | 406                         | 80  | 484 | 485   | 358   | 248 | 349 | 445 | 168 | 60 | M20X42 | 140 | 125 | 7.5 | 18 | 53   | 64   | 250 | 30 | 4-Φ24   | 2-M63X1.5 | 910  | 347   | 218 |
| 280S            | 457                         | 85  | 542 | 547   | 387   | 248 | 368 | 485 | 190 | 65 | M20X42 | 140 | 125 | 7.5 | 18 | 58   | 69   | 280 | 35 | 4-Φ24   | 2-M63X1.5 | 982  | 355.5 | 218 |
| 280M            | 457                         | 85  | 542 | 547   | 387   | 248 | 419 | 536 | 190 | 65 | M20X42 | 140 | 125 | 7.5 | 18 | 58   | 69   | 280 | 35 | 4-Φ24   | 2-M63X1.5 | 1033 | 355.5 | 218 |
| 315S            | 508                         | 120 | 628 | 620   | 527   | 320 | 406 | 570 | 216 | 65 | M20X42 | 140 | 125 | 7.5 | 18 | 58   | 69   | 315 | 45 | 4-Φ28   | 2-M63X1.5 | 1194 | 397   | 280 |
| 315M            | 508                         | 120 | 628 | 620   | 527   | 320 | 457 | 680 | 216 | 65 | M20X42 | 140 | 125 | 7.5 | 18 | 58   | 69   | 315 | 45 | 4-Φ28   | 2-M63X1.5 | 1304 | 397   | 280 |
| 315L            | 508                         | 120 | 628 | 620   | 527   | 320 | 508 | 680 | 216 | 65 | M20X42 | 140 | 125 | 7.5 | 18 | 58   | 69   | 315 | 45 | 4-Φ28   | 2-M63X1.5 | 1304 | 397   | 280 |
| 355M            | 610                         | 116 | 726 | 698   | 642   | 380 | 560 | 750 | 254 | 75 | M20X42 | 140 | 130 | 5   | 20 | 67.5 | 79.5 | 355 | 52 | 6-Φ28   | 2-M63X1.5 | 1486 | 414   | 330 |
| 355L            | 610                         | 116 | 726 | 698   | 642   | 380 | 630 | 750 | 254 | 75 | M20X42 | 140 | 130 | 5   | 20 | 67.5 | 79.5 | 355 | 52 | 6-Φ28   | 2-M63X1.5 | 1486 | 414   | 330 |



**PD**

**Diesel engine for pump**  
*Diesel para bomba*



**NEW / NUEVO**

**TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS**

- ▶ More Environmentally Friendly
- ▶ Meeting China III Emission Standard
- ▶ Low Fuel Consumption
- ▶ Strong Power
- ▶ Easy To Assemble
  
- ▶ Más Respetuoso Del Medio Ambiente
- ▶ Cumplir Con El Estándar De Emisión De China III
- ▶ Bajo Consumo De Combustible
- ▶ Gran Poder
- ▶ Fácil De Montar

**APPLICATIONS / APLICACIONES**

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The diesel engine pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

*Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.*

*Las Bombas diesel según EN733 diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, contraincendio, irrigación, industria, circulación del agua, agricultura.*

**USING LIMITS / LÍMITES DE UTILIZACIÓN**

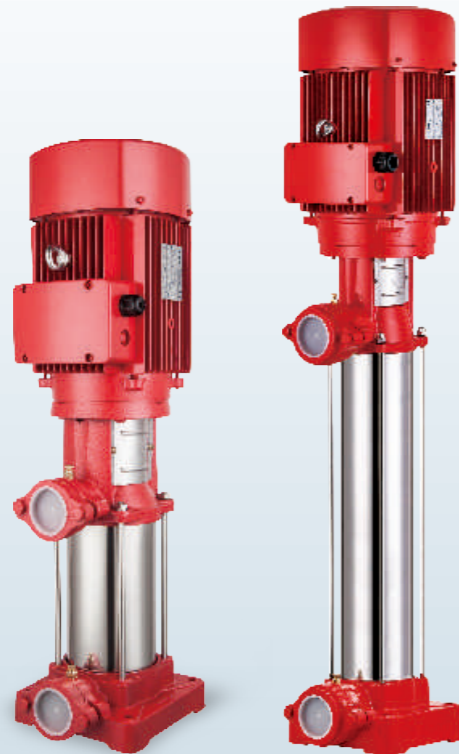
Liquid temperature between **-10°C** and **+120°C**  
Ambient temperature up to **+50°C**  
Max. working pressure **16 bar**  
Continuous service **S1**

*Temperatura del líquido de -10 °C hasta +120 °C*  
*Temperatura ambiente hasta +50 °C*  
*Presión máxima en el cuerpo de la bomba 16 bar*  
*Funcionamiento continuo S1*

**TECHNICAL DATA / DATOS TÉCNICOS**

| Model                       | 178                                 | 186                  | 188                   | 192                    | 380  | 385     | 480     | 485     | 490N    | 490     | 495     |
|-----------------------------|-------------------------------------|----------------------|-----------------------|------------------------|--|---------|---------|---------|---------|---------|---------|
| Type                        | Single-cylinder,4-stroke,air-cooled |                      |                       |                        | Direct Injection, Water-cooling, Four Stroke |         |         |         |         |         |         |
| Intake Type                 | Naturally Aspirated                 |                      |                       |                        |  |         |         |         |         |         |         |
| Bore*Stroke(mm*mm)          | 78*62                               | 86*72                | 88*75                 | 92*75                  | 80*90  | 85*90   | 80*90   | 85*100  | 90*100  | 90*105  | 95*105  |
| Cylinder No.                | 1                                   | 1                    | 1                     | 1                      | 3  | 3       | 4       | 4       | 4       | 4       | 4       |
| Displacement (L)            | 0.296                               | 0.418                | 0.456                 | 0.499                  | 1.357  | 1.532   | 1.8     | 2.27    | 2.54    | 2.67    | 2.977   |
| Rated Power/Speed(kW/r/min) | 3.7/3000<br>4.0/3600                | 5.7/3000<br>6.3/3600 | 6.6/3000<br>7.2/3600  | 7.5/3000<br>8.2/3600   | 20/3000                                      | 24/3000 | 28/3000 | 36/3000 | 42/3000 | 45/3000 | 50/3000 |
| Horse Power                 | 5.0/3000<br>5.5/3600                | 7.8/3000<br>8.6/3600 | 9.0/3000<br>10.0/3600 | 10.2/3000<br>12.0/3600 | 27   | 32      | 38      | 49      | 58      | 61      | 68      |
| Power Coverage(kW)          | ≤11                                 | ≤11                  | ≤11                   | ≤11                    | ≤37  | ≤37     | ≤37     | ≤55     | ≤55     | ≤55     | ≤75     |

| Model                       | 498  | 4102    | 4105    | 4108    | 485Z           | 490NZ   | 490Z    | 498Z    | 4102Z   | 4105Z   | 4108Z   |
|-----------------------------|--|---------|---------|---------|----------------|---------|---------|---------|---------|---------|---------|
| Type                        | Direct Injection, Water-cooling, Four Stroke |         |         |         |                |         |         |         |         |         |         |
| Intake Type                 | Naturally Aspirated                          |         |         |         | Turbo-charging |         |         |         |         |         |         |
| Bore*Stroke(mm*mm)          | 98*105                                       | 102*118 | 105*118 | 108*118 | 85*100         | 90*100  | 90*105  | 98*105  | 102*118 | 105*118 | 108*118 |
| Cylinder No.                | 4  | 4       | 4       | 4       | 4              | 4       | 4       | 4       | 4       | 4       | 4       |
| Displacement (L)            | 3.168  | 3.857   | 4.087   | 4.324   | 2.27           | 2.54    | 2.67    | 3.168   | 3.857   | 4.087   | 4.324   |
| Rated Power/Speed(kW/r/min) | 54/3000                                      | 62/3000 | 67/3000 | 73/3000 | 44/3000        | 50/3000 | 55/3000 | 60/3000 | 73/3000 | 75/3000 | 83/3000 |
| Horse Power                 | 73   | 85      | 91      | 99      | 60             | 68      | 75      | 81      | 99      | 102     | 113     |
| Power Coverage(kW)          | ≤75  | ≤100    | ≤100    | ≤100    | ≤55            | ≤55     | ≤55     | ≤75     | ≤100    | ≤100    | ≤100    |



## PV

### Vertical multistage centrifugal pump Bomba centrífuga multietapa vertical



## NEW / NUEVO

### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New vertical multistage centrifugal pump
  - ▶ Original design by PURITY
  - ▶ Both square motor & round motor available
  - ▶ YE3 high efficient motor, with protection IP55 class F
  - ▶ Pump case with anti-corrosive coating
  - ▶ Impeller in techno-polimer
  - ▶ Shaft in stainless steel AISI 304 or galvanized iron
  - ▶ Suction and discharge port in cast iron G20 thread
  - ▶ Quality NSK bearing, wear resistance mechanical seal
- ▶ Nueva bomba centrífuga multietapa vertical
  - ▶ Diseño original de PURITY (Patentado)
  - ▶ Motor redondo y cuadrado disponible
  - ▶ Motor de eficiencia YE3 con Protección IP55 clase F
  - ▶ Cuerpo de bomba con tratamiento anti-corrosión
  - ▶ Impulsor en tecnopolímero
  - ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
  - ▶ Aspiración e impulsión en fundición G20 roscada
  - ▶ Rodamiento de marca NSK y cierre mecánico personalizado

### APPLICATIONS / APLICACIONES

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The high efficiency and adaptability of these pumps to even the most unusual of applications, makes them ideal for use in the domestic, civil and industrial sectors; in particular for the distribution of water in combination with pressure sets and for pressure boosting.

Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.

Los elevados rendimientos y la adaptabilidad a las aplicaciones más variadas, incluso anómalas, hacen que sean una óptima elección en el sector doméstico, civil, industrial; sobre todo para la distribución del agua en acoplamiento a depósitos autoclaves, aumento de la presión en red hídrica.

### USING LIMITS / LÍMITES DE UTILIZACIÓN

- ▶ Liquid temperature between **-10°C** and **+120°C**
  - ▶ Ambient temperature up to **+50°C**
  - ▶ Max. working pressure **25 bar**
  - ▶ Continuous service **S1**
- ▶ Temperatura del líquido de **-10 °C** hasta **+120 °C**
  - ▶ Temperatura ambiente hasta **+50 °C**
  - ▶ Presión máxima en el cuerpo de la bomba **25 bar**
  - ▶ Funcionamiento continuo **S1**

### TECHNICAL DATA / DATOS TÉCNICOS

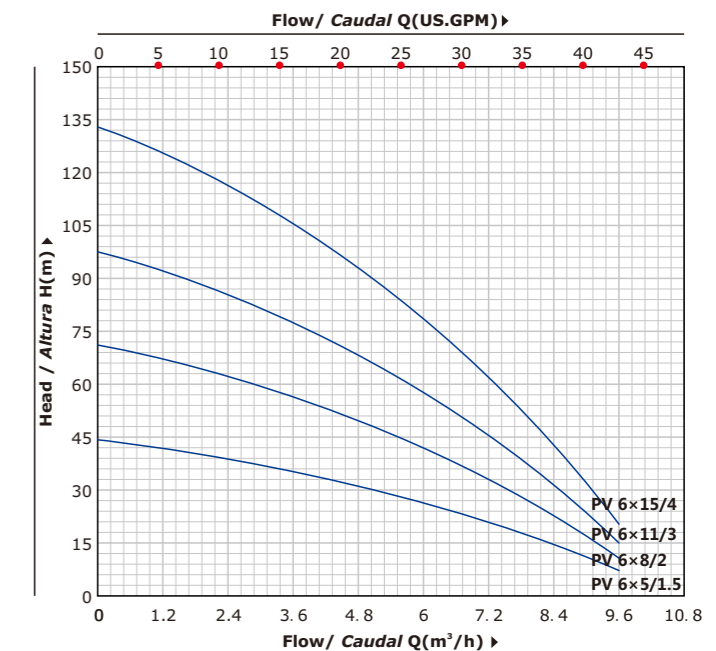
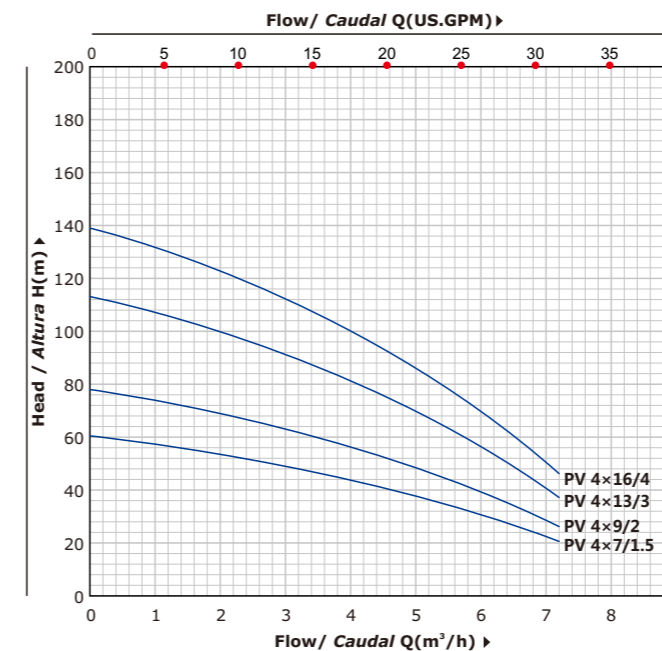
50 Hz n=2900 1/min

| MODEL<br>MODELO | Power<br>Potencia |     | us<br>gpm<br>l/min<br>m³/h | Q=DELIVERY / CAUDAL |      |     |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | DN<br>mm |       |    |
|-----------------|-------------------|-----|----------------------------|---------------------|------|-----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|-------|----|
|                 | kw                | hp  |                            | 0                   | 5    | 11  | 13    | 16   | 19   | 21   | 24   | 26   | 29   | 32   | 37   | 42   | 48   | 53   | 58   | 63   | 69   |          | 74    | 79 |
|                 |                   |     |                            | 0                   | 1.2  | 2.4 | 3     | 3.6  | 4.2  | 4.8  | 5.4  | 6    | 6.6  | 7.2  | 8.4  | 9.6  | 10.8 | 12   | 13.2 | 14.4 | 15.6 |          | 16.8  | 18 |
| PV 4x7/1.5      | 1.1               | 1.5 | 60.7                       | 56.8                | 52.1 | 49  | 45.9  | 42.8 | 38.9 | 35   | 30.3 | 25.7 | 20.2 |      |      |      |      |      |      |      |      |          | 25x25 |    |
| PV 4x9/2        | 1.5               | 2   | 78                         | 73                  | 67   | 63  | 59    | 55   | 50   | 45   | 39   | 33   | 26   |      |      |      |      |      |      |      |      |          | 25x25 |    |
| PV 4x13/3       | 2.2               | 3   | 113                        | 105                 | 96.8 | 91  | 85.2  | 79.4 | 72.2 | 65   | 56.3 | 47.7 | 37.5 |      |      |      |      |      |      |      |      |          | 25x25 |    |
| PV 4x16/4       | 3                 | 4   | 139                        | 130                 | 119  | 112 | 105   | 97.8 | 88.9 | 80   | 69.3 | 58.7 | 46.2 |      |      |      |      |      |      |      |      |          | 25x25 |    |
| PV 6x5/1.5      | 1.1               | 1.5 | 44.4                       |                     |      |     | 135.5 | 33.3 | 30.9 | 28.4 | 26.1 | 23.4 | 20.2 | 14.3 | 6.8  |      |      |      |      |      |      |          | 32x32 |    |
| PV 6x8/2        | 1.5               | 2   | 71.1                       |                     |      |     | 56.7  | 53.2 | 49.5 | 45.5 | 41.8 | 37.5 | 32.4 | 22.9 | 10.9 |      |      |      |      |      |      |          | 32x32 |    |
| PV 6x11/3       | 2.2               | 3   | 97.7                       |                     |      |     | 78    | 73.2 | 68   | 62.5 | 57.5 | 51.5 | 44.5 | 31.5 | 15   |      |      |      |      |      |      |          | 32x32 |    |
| PV 6x15/4       | 3                 | 4   | 133                        |                     |      |     | 106   | 99.8 | 92.7 | 85.2 | 78.4 | 70.2 | 60.7 | 43   | 20.5 |      |      |      |      |      |      |          | 32x32 |    |
| PV 8x4/1.5      | 1.1               | 1.5 | 36.8                       |                     |      |     |       |      | 30   | 28.4 | 27.2 | 26   | 24.4 | 21.2 | 17.6 | 13.2 | 9.2  | 4.8  |      |      |      |          | 40x40 |    |
| PV 8x7/2        | 1.5               | 2   | 64.4                       |                     |      |     |       |      | 52.5 | 49.7 | 47.6 | 45.5 | 42.7 | 37.1 | 30.8 | 23.1 | 16.1 | 8.4  |      |      |      |          | 40x40 |    |
| PV 8x9/3        | 2.2               | 3   | 82.8                       |                     |      |     |       |      | 67.5 | 63.9 | 61.2 | 58.5 | 54.9 | 47.7 | 39.6 | 29.7 | 20.7 | 10.8 |      |      |      |          | 40x40 |    |
| PV 8x12/4       | 3                 | 4   | 110                        |                     |      |     |       |      | 90   | 85.2 | 81.6 | 78   | 73.2 | 63.6 | 52.8 | 39.6 | 27.6 | 14.4 |      |      |      |          | 40x40 |    |
| PV 8x16/5.5     | 4                 | 5.5 | 147                        |                     |      |     |       |      | 120  | 114  | 109  | 104  | 97.6 | 84.8 | 70.4 | 52.8 | 36.8 | 19.2 |      |      |      |          | 40x40 |    |
| PV 12x3/1.5     | 1.1               | 1.5 | 31                         |                     |      |     |       |      |      | 25.4 | 24.7 | 24   | 22.4 | 20.6 | 18.4 | 16.2 | 13.3 | 10.9 | 8.3  | 5.1  | 2    |          | 50x50 |    |
| PV 12x5/2       | 1.5               | 2   | 51.7                       |                     |      |     |       |      |      | 42.4 | 41.2 | 40   | 37.3 | 34.3 | 30.7 | 27   | 22.2 | 18.2 | 13.8 | 8.5  | 3.3  |          | 50x50 |    |
| PV 12x7/3       | 2.2               | 3   | 72.3                       |                     |      |     |       |      |      | 59.3 | 57.6 | 56   | 52.3 | 48.1 | 43   | 37.8 | 31   | 25.5 | 19.4 | 11.9 | 4.7  |          | 50x50 |    |
| PV 12x9/4       | 3                 | 4   | 93                         |                     |      |     |       |      |      | 76.2 | 74.1 | 72   | 67.2 | 61.8 | 55.2 | 48.6 | 39.9 | 32.8 | 24.9 | 15.4 | 6    |          | 50x50 |    |
| PV 12x12/5.5    | 4                 | 5.5 | 122                        |                     |      |     |       |      |      | 102  | 98.8 | 96   | 89.6 | 82.4 | 73.6 | 64.8 | 53.2 | 43.8 | 33.2 | 20.5 | 8    |          | 50x50 |    |
| PV 12x17/7.5    | 5.5               | 7.5 | 176                        |                     |      |     |       |      |      | 144  | 140  | 136  | 127  | 117  | 104  | 91.8 | 75.4 | 62   | 47   | 29   | 11.3 |          | 50x50 |    |

| MODEL<br>MODELO | Power<br>Potencia |      | us<br>gpm<br>l/min<br>m³/h | Q=DELIVERY / CAUDAL |     |     |     |     |     |     |     | DN<br>mm |       |
|-----------------|-------------------|------|----------------------------|---------------------|-----|-----|-----|-----|-----|-----|-----|----------|-------|
|                 | kw                | hp   |                            | 0                   | 26  | 53  | 79  | 106 | 132 | 159 | 185 |          | 211   |
|                 |                   |      |                            | 0                   | 100 | 200 | 300 | 400 | 500 | 600 | 700 |          | 800   |
| PV 30x7/10      | 7.5               | 10   | H(m)                       | 104                 | 100 | 93  | 83  | 74  | 64  | 49  | 31  | 4        |       |
| PV 30x9/12      | 9.2               | 12.5 | H(m)                       | 133                 | 128 | 119 | 108 | 96  | 82  | 63  | 40  | 5        | 50x50 |
| PV 30x11/15     | 11                | 15   | H(m)                       | 163                 | 156 | 145 | 132 | 116 | 99  | 77  | 48  | 6        | 65x65 |

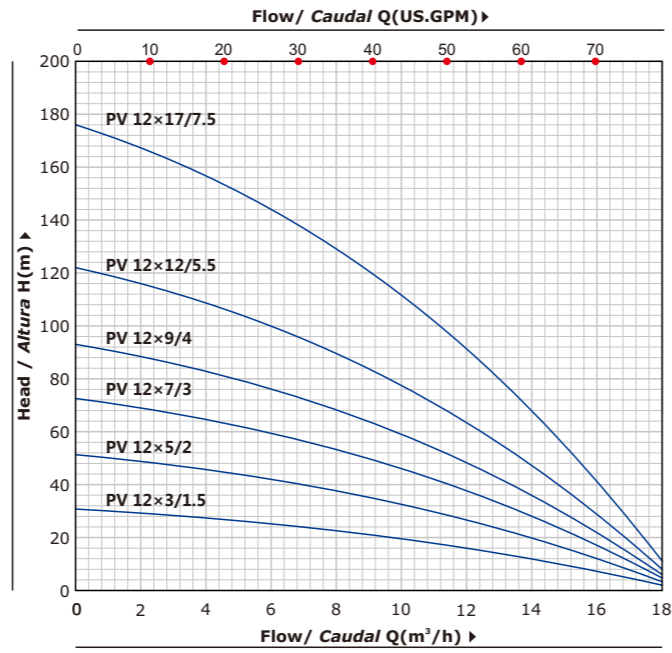
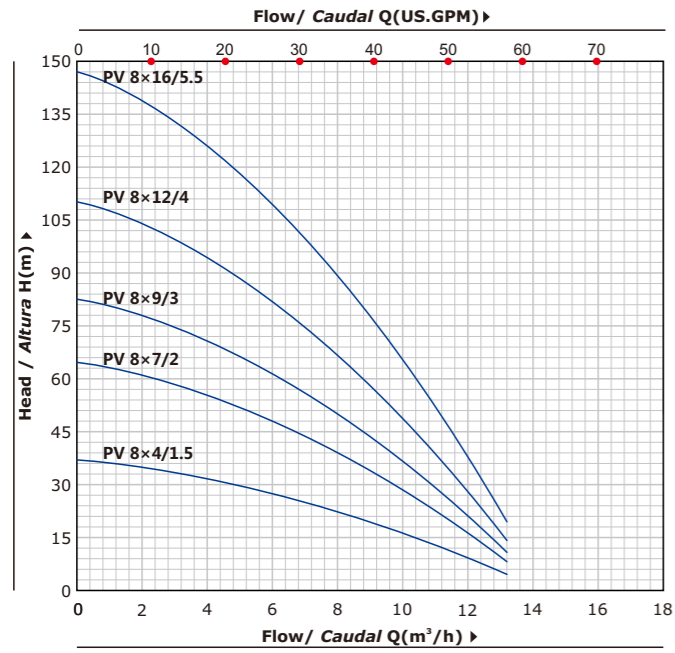
### PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min

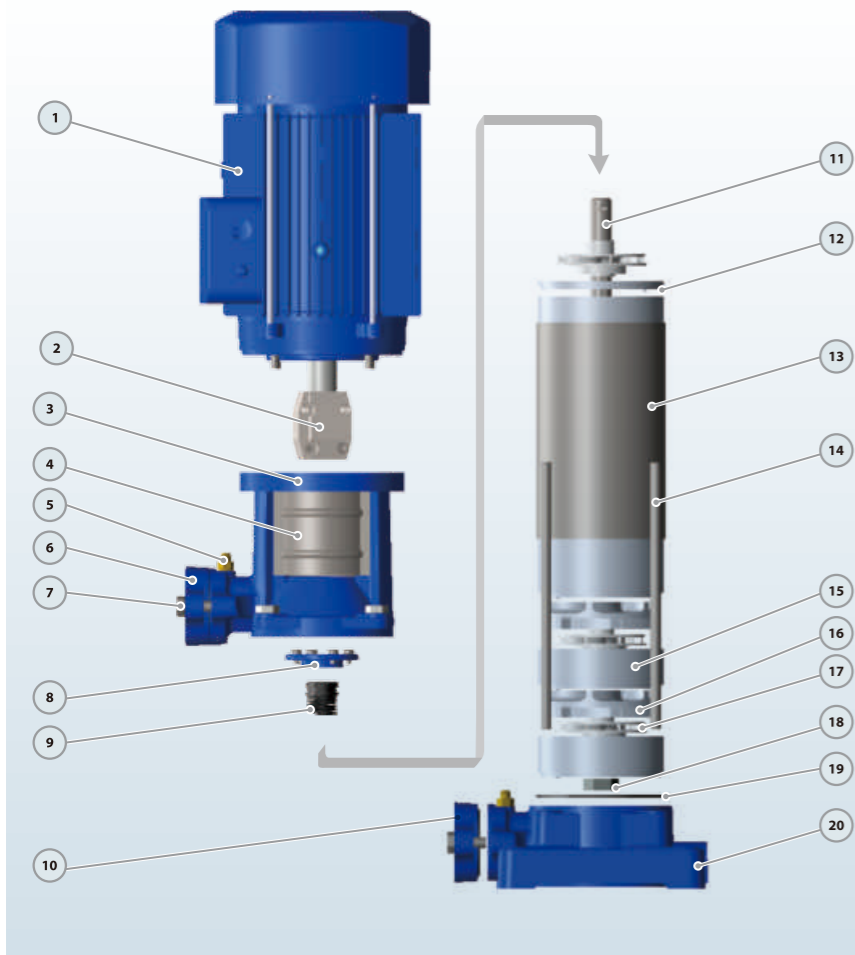


PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min



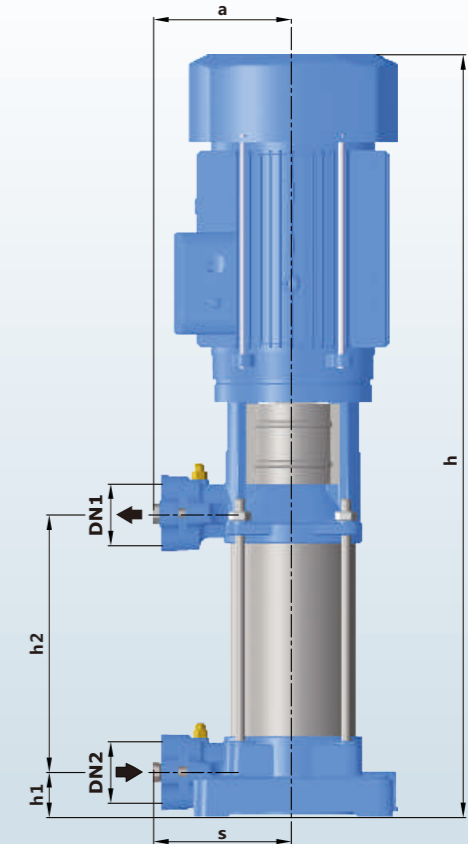
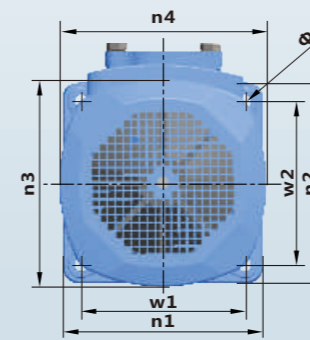
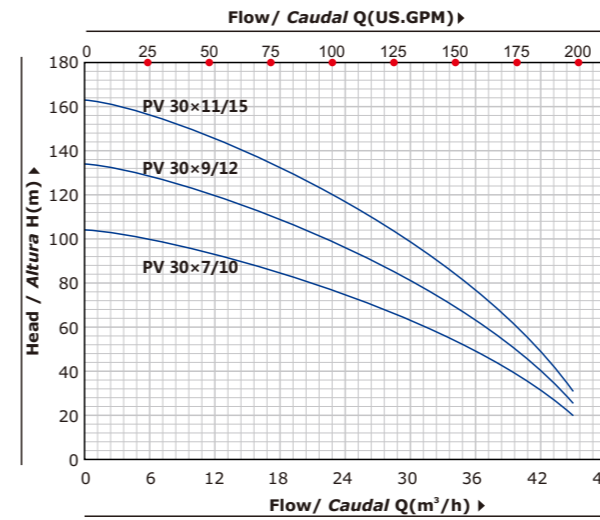
MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



| No. | Description<br>Descripción              | Material<br>Material   |
|-----|---|--|
| 1   | Motor<br>Motor                          | IP55 Class F<br>IP55 Clase F                                   |
| 2   | Coupling<br>Unión                       | Iron<br>Hierro   |
| 3   | Discharge Body<br>Cuerpo Impulsión      | Cast iron<br>Fundición   |
| 4   | Cover<br>Tapa                           | SS304<br>Inox 304  |
| 5   | Release Valve<br>Tapón Cebado           | Brass<br>Bronce  |
| 6   | Discharge<br>Impulsión                  | Cast iron<br>Fundición   |
| 7   | Bolt<br>Perno                           | Steel<br>Acero   |
| 8   | Seal Cover<br>Tapa Cierre               | Cast iron<br>Fundición   |
| 9   | Mechanical Seal<br>Cierre Mecánico      | SiC/Carbon/SS304<br>SiC-Grafito-Inox304                        |
| 10  | Suction<br>Aspiración                   | Cast iron<br>Fundición   |
| 11  | Pump Shaft<br>Eje                       | SS304/45# Iron<br>Inox 304/45# hierro                          |
| 12  | Diffuser Top Cover<br>Tope Tapa Difusor | Technopolimer<br>Tecnopolimero                                 |
| 13  | Pump Cover<br>Tapa Bomba                | SS304<br>Inox 304  |
| 14  | Through Bolt<br>Perno                   | Steel<br>Acero   |
| 15  | Diffuser Cover<br>Tapa Difusor          | Technopolimer with SS304 ring<br>Tecnopolimero con Inox anillo |
| 16  | Diffuser<br>Difusor                     | Technopolimer with SS304 ring<br>Tecnopolimero con Inox anillo |
| 17  | Impeller<br>Impulsor                    | Technopolimer<br>Tecnopolimero                                 |
| 18  | Impeller Nut<br>Tuerca de Impulsor      | Galvanized Steel<br>Acero Galvanizado                          |
| 19  | O-ring<br>Junta Tórica                  | Rubber<br>Caucho   |
| 20  | Suction Body<br>Cuerpo Aspiración       | Cast iron<br>Fundición   |

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS

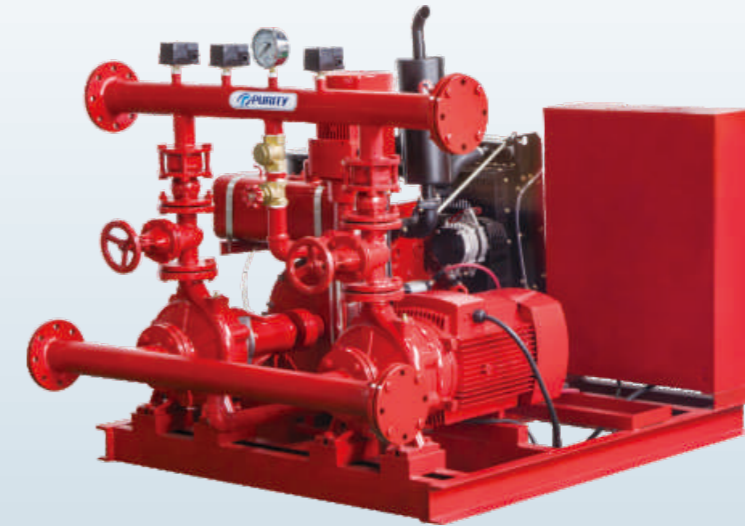
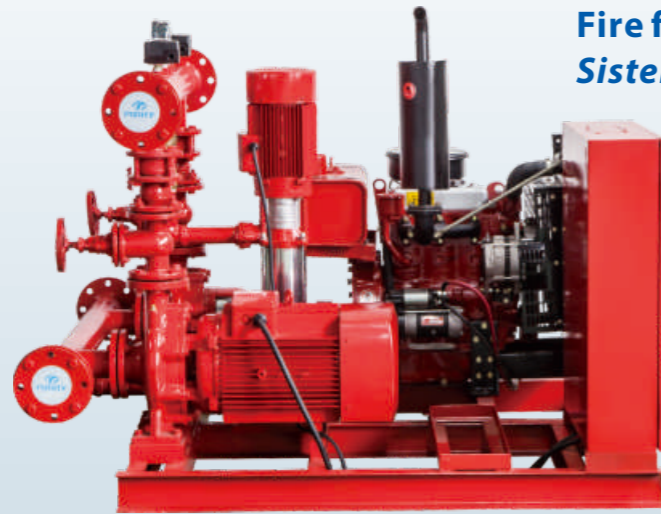


| MODEL<br>MODELO | DIMENSIONS / DIMENSIONES mm |       |    |     |     |      |      |       |     |     |     |     |     |     |    | kg   |      |
|-----------------|-----------------------------|-------|----|-----|-----|------|------|-------|-----|-----|-----|-----|-----|-----|----|------|------|
|                 | DN1                         | DN2   | N  | a   | s   | h    | h1   | h2    | w1  | w2  | n1  | n2  | n3  | n4  | d  | 1~   | 3~   |
| PV 4x7/1.5      | 25/32                       | 25/32 | 7  | 141 | 141 | 720  | 45.5 | 261.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 28.0 | 27.0 |
| PV 4x9/2        | 25/32                       | 25/32 | 9  | 141 | 141 | 790  | 45.5 | 331.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 33.0 | 32.0 |
| PV 4x13/3       | 25/32                       | 25/32 | 13 | 141 | 141 | 930  | 45.5 | 471.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 38.0 | 37.0 |
| PV 4x16/4       | 25/32                       | 25/32 | 16 | 141 | 141 | 1082 | 45.5 | 576.5 | 165 | 165 | 202 | 202 | 195 | 195 | 12 | 48.0 | 47.0 |
| PV 6x5/1.5      | 25/32                       | 25/32 | 5  | 141 | 141 | 650  | 45.5 | 191.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 26.0 | 25.0 |
| PV 6x8/2        | 25/32                       | 25/32 | 8  | 141 | 141 | 755  | 45.5 | 296.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 31.0 | 30.0 |
| PV 6x11/3       | 25/32                       | 25/32 | 11 | 141 | 141 | 860  | 45.5 | 401.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 36.0 | 35.0 |
| PV 6x15/4       | 25/32                       | 25/32 | 15 | 141 | 141 | 1047 | 45.5 | 541.5 | 165 | 165 | 202 | 202 | 195 | 195 | 12 | 46.0 | 45.0 |
| PV 8x4/1.5      | 40/50                       | 40/50 | 4  | 141 | 141 | 615  | 45.5 | 156.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 26.0 | 25.0 |
| PV 8x7/2        | 40/50                       | 40/50 | 7  | 141 | 141 | 720  | 45.5 | 261.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 31.0 | 30.0 |
| PV 8x9/3        | 40/50                       | 40/50 | 9  | 141 | 141 | 790  | 45.5 | 331.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 36.0 | 35.0 |
| PV 8x12/4       | 40/50                       | 40/50 | 12 | 141 | 141 | 942  | 45.5 | 436.5 | 165 | 165 | 202 | 202 | 195 | 195 | 12 | 46.0 | 45.0 |
| PV 8x16/5.5     | 40/50                       | 40/50 | 16 | 141 | 141 | 1082 | 45.5 | 576.5 | 165 | 165 | 202 | 202 | 195 | 195 | 12 | -    | 50.0 |
| PV 12x3/1.5     | 40/50                       | 40/50 | 3  | 141 | 141 | 580  | 45.5 | 121.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 25.0 | 24.0 |
| PV 12x5/2       | 40/50                       | 40/50 | 5  | 141 | 141 | 650  | 45.5 | 191.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 30.0 | 29.0 |
| PV 12x7/3       | 40/50                       | 40/50 | 7  | 141 | 141 | 720  | 45.5 | 261.5 | 165 | 165 | 202 | 202 | 175 | 175 | 12 | 35.0 | 34.0 |
| PV 12x9/4       | 40/50                       | 40/50 | 9  | 141 | 141 | 837  | 45.5 | 331.5 | 165 | 165 | 202 | 202 | 195 | 195 | 12 | 45.0 | 44.0 |
| PV 12x12/5.5    | 40/50                       | 40/50 | 12 | 141 | 141 | 942  | 45.5 | 436.5 | 165 | 165 | 202 | 202 | 195 | 195 | 12 | -    | 50.0 |
| PV 12x17/7.5    | 40/50                       | 40/50 | 17 | 141 | 141 | 1167 | 45.5 | 611.5 | 165 | 165 | 202 | 202 | 204 | 204 | 12 | -    | 60.0 |
| PV 30x7/10      | 50/65                       | 50/65 | 7  | 170 | 170 | 1046 | 62   | 416   | 187 | 187 | 230 | 230 | 260 | 260 | 12 | -    | 86.0 |
| PV 30x9/12      | 50/65                       | 50/65 | 9  | 170 | 170 | 1153 | 62   | 523   | 187 | 187 | 230 | 230 | 260 | 260 | 12 | -    | 92.0 |
| PV 30x11/15     | 50/65                       | 50/65 | 11 | 170 | 170 | 1260 | 62   | 630   | 187 | 187 | 230 | 230 | 260 | 260 | 12 | -    | 100  |

**PEDJ**



**Fire fighting system**  
**Sistema de contra-incendio**



**TECHNICAL DATA / DATOS TÉCNICOS**

| GPM  | BAR | REGULAR MODEL<br>MODELO REGULAR | MOTOR PUMP<br>MOTOBOMBA | PUMP FOR ELECTRIC<br>BOMBA PARA ELECTRICIDAD<br>2900rpm | PUMP FOR DIESEL<br>BOMBA PARA DIESEL<br>2900rpm |
|------|-----|---------------------------------|-------------------------|---|---|
|      |     |                                 |                         |   |   |
| 50   | 6   | PEDJ50/6-5.5-5.5-2              | P2C 32-200/40           | -   | PS 32-200/40                                    |
| 80   | 7   | PEDJ80/7-10-8.6-3               | PST 32-250/75           | PS 32-250/75  | PS 32-250/75                                    |
| 100  |     | PEDJ100/7-10-8.6-3              | PST 32-250/75           | PS 32-250/75  | PS 32-250/75                                    |
| 120  |     | PEDJ120/7-10-10-3               | PST 32-250/75D          | PS 32-250/75H   | PS 32-250/75H                                   |
| 150  |     | PEDJ150/7-15-10-3               | PST 40-250/110          | PS 40-250/110   | PS 40-250/110                                   |
| 200  |     | PEDJ200/7-20-27-3               | PST 40-250/150          | PS 40-250/150   | PS 40-250/150                                   |
| 250  |     | PEDJ250/7-25-27-4               | PST 50-250/185          | PS 50-250/185   | PS 50-250/185                                   |
| 300  |     | PEDJ300/7-30-32-4               | PST 50-250/220          | PS 50-250/220   | PS 50-250/220                                   |
| 350  |     | PEDJ350/7-30-32-4               | PST 50-250/220          | PS 50-250/220   | PS 50-250/220                                   |
| 400  |     | PEDJ400/7-40-38-5.5             | PST 65-250/300          | PS 65-250/300   | PS 65-250/300                                   |
| 500  |     | PEDJ500/8-50-58-5.5             | PST 65-250/370          | PS 65-250/370   | PS 65-250/370                                   |
| 750  | 8   | PEDJ750/8-75-75-7.5             | PST 80-250/550          | PS 80-250/550   | PS 80-250/550                                   |
| 1000 |     | PEDJ1000/8-100-99-10            | PST 100-250/750         | PS 100-250/750  | PS 100-250/750                                  |
| 1250 |     | PEDJ1250/8-150-130-10           | -                       | PS 125-250/1100   | PS 125-250/1100                                 |
| 500  | 10  | PEDJ500/10-60-61-7.5            | -                       | PS 65-315/450   | PS 65-315/450                                   |
| 750  |     | PEDJ750/10-100-99-10            | -                       | PS 80-315/750   | PS 80-315/750                                   |
| 1000 |     | PEDJ1000/10-125-113-12          | -                       | PS 100-315/900  | PS 100-315/900                                  |
| 1250 |     | PEDJ1250/10-180-170-15          | -                       | PS 125-315/1320   | PS 125-315/1320                                 |
| 500  | 13  | PEDJ500/13-100-99-12            | -                       | PS 65-315/750   | PS 65-315/750                                   |
| 750  |     | PEDJ750/13-125-113-12           | -                       | PS 80-315/900   | PS 80-315/900                                   |
| 1000 |     | PEDJ1000/13-150-130-15          | -                       | PS 100-315/1100   | PS 100-315/1100                                 |
| 1250 |     | PEDJ1250/13-220-170-15          | -                       | PS 125-315/1600   | PS 125-315/1600                                 |
| 1500 |     | PEDJ1500/13-220-170-15          | -                       | PS 125-315/1600   | PS 125-315/1600                                 |

Other sizes can provide on request. /Bajo pedido otros modelos disponible.

**TECHNICAL DATA / DATOS TÉCNICOS**

| GPM  | BAR | PUMP COUPLING MOTOR<br>MOTOR CONEXIÓN DE LA BOMBA | MOTOR<br>MOTOR    | DIESEL<br>DIESEL | JOCKEY<br>JOCKEY |
|------|-----|---|-------------------|------------------|------------------|
|      |     |   |                   |                  |                  |
| 50   | 6   | -   | -                 | 178-5.5HP        | PV 4×9/2HP       |
| 80   | 7   | PSM 32-250/75                                     | YE3-132S2-2-7.5kw | 186-8.6HP        | PV 6×11/3HP      |
| 100  |     | PSM 32-250/75                                     | YE3-132S2-2-7.5kw | 186-8.6HP        | PV 6×11/3HP      |
| 120  |     | PSM 32-250/75H                                    | YE3-132S2-2-7.5kw | 192-10HP         | PV 6×11/3HP      |
| 150  |     | PSM 40-250/110                                    | YE3-160M1-2-11kw  | 192-10HP         | PV 6×11/3HP      |
| 200  |     | PSM 40-250/150                                    | YE3-160M2-2-15kw  | 380-27HP         | PV 6×11/3HP      |
| 250  |     | PSM 50-250/185                                    | YE3-160L-2-18.5kw | 380-27HP         | PV 8×12/4HP      |
| 300  |     | PSM 50-250/220                                    | YE3-180M-2-22kw   | 385-32HP         | PV 8×12/4HP      |
| 350  |     | PSM 50-250/220                                    | YE3-180M-2-22kw   | 385-32HP         | PV 8×12/4HP      |
| 400  |     | PSM 65-250/300                                    | YE3-200L1-2-30kw  | 480-38HP         | PV 12×12/5.5HP   |
| 500  |     | PSM 65-250/370                                    | YE3-200L2-2-37kw  | 490N-58HP        | PV 12×12/5.5HP   |
| 750  | 8   | PSM 80-250/550                                    | YE3-250M-2-55kw   | 490Z-75HP        | PV 12×17/7.5HP   |
| 1000 |     | PSM 100-250/750                                   | YE3-280S-2-75kw   | 4102Z-99HP       | PV 30×7/10HP     |
| 1250 |     | PSM 125-250/1100                                  | YE3-315S-2-110kw  | 6102Q-130HP      | PV 30×7/10HP     |
| 500  | 10  | PSM 65-315/450                                    | YE3-225M-2-45kw   | 490-61HP         | PV 12×17/7.5HP   |
| 750  |     | PSM 80-315/750                                    | YE3-280S-2-75kw   | 4102Z-99HP       | PV 30×7/10HP     |
| 1000 |     | PSM 100-315/900                                   | YE3-280M-2-90kw   | 4108Z-113HP      | PV 30×9/12HP     |
| 1250 |     | PSM 125-315/1320                                  | YE3-315M-2-132kw  | 6102ZS-170HP     | PV 30×11/15HP    |
| 500  | 13  | PSM 65-315/750                                    | YE3-280S-2-75kw   | 4102Z-99HP       | PV 30×9/12HP     |
| 750  |     | PSM 80-315/900                                    | YE3-280M-2-90kw   | 4108Z-113HP      | PV 30×9/12HP     |
| 1000 |     | PSM 100-315/1100                                  | YE3-315S-2-110kw  | 6102Q-130HP      | PV 30×11/15HP    |
| 1250 |     | PSM 125-315/1600                                  | YE3-315L1-2-160kw | 6102ZS-170HP     | PV 30×11/15HP    |
| 1500 |     | PSM 125-315/1600                                  | YE3-315L1-2-160kw | 6102ZS-170HP     | PV 30×11/15HP    |

Other sizes can provide on request. /Bajo pedido otros modelos disponible.

**PTD**



**Inline circulation pump**  
**Bomba de circulación en línea**



**NEW / NUEVO**

**TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS**

- ▶ New Inline circulation pump
  - ▶ YE3 high efficient motor, with protection IP55 class F
  - ▶ Pump case with anti-corrosive coating
  - ▶ Easily back pull-out from driver
  - ▶ Impeller in stainless steel AISI 304 or cast iron
  - ▶ Shaft in stainless steel AISI 304 or galvanized iron
  - ▶ Galvanized counter flange with bolts, nuts and gaskets
  - ▶ Quality NSK bearing, wear resistance mechanical seal
- 
- ▶ Nueva Bomba de circulación en línea
  - ▶ Motor de eficiencia YE3 con Protección IP55 clase F
  - ▶ Cuerpo de bomba con tratamiento anti-corrosión
  - ▶ Fácilmente retirada del controlador
  - ▶ Impulsor en inox AISI304 o fundición
  - ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
  - ▶ Contrabridas galvanizadas con pernos, tuercas y empaques
  - ▶ Rodamiento de marca NSK y cierre mecánico personalizado

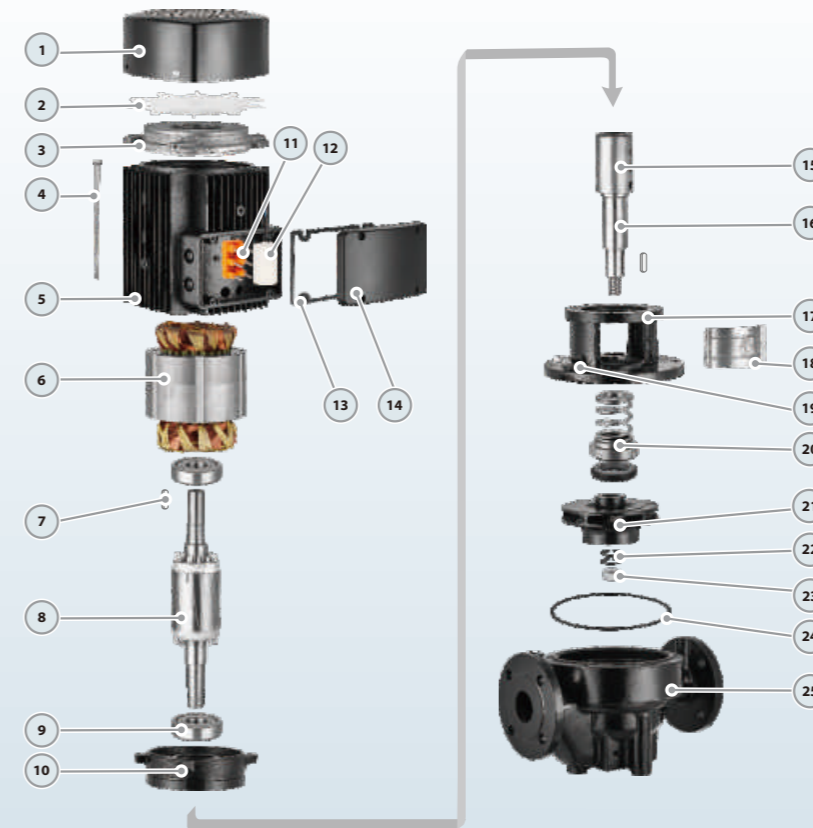
**APPLICATIONS / APLICACIONES**

- ▶ Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The Inline circulation pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural.
  - ▶ Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.
- Las Bombas de circulación en línea diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, contraincendio, irrigación, industria, circulación del agua, agricultura.

**USING LIMITS / LÍMITES DE UTILIZACIÓN**

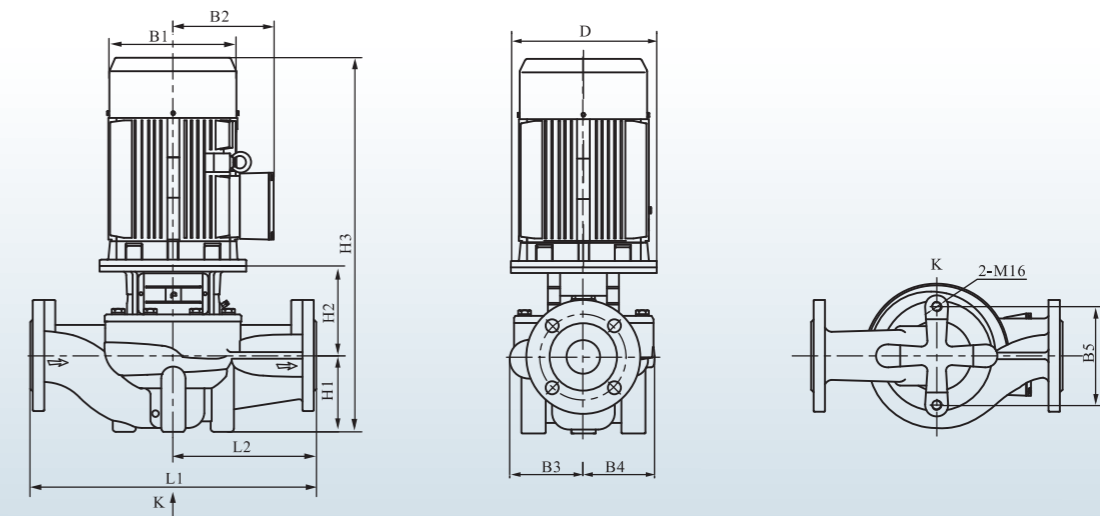
- ▶ Liquid temperature between **-10°C** and **+120°C**  
Ambient temperature up to **+50°C**  
Max. working pressure **16 bar**  
Continuous service **S1**
- ▶ Temperatura del líquido de **-10 °C** hasta **+120 °C**  
Temperatura ambiente hasta **+50 °C**  
Presión máxima en el cuerpo de la bomba **16 bar**  
Funcionamiento continuo **S1**

**MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL**



| No. | Description<br>Descripción          | Material<br>Material                           |
|-----|-------------------------------------|--|
| 1   | Fan Cover<br>Tapa Ventilador        | Aluminum<br>Aluminio                           |
| 2   | Fan<br>Ventilador                   | Plastic<br>Plástico                            |
| 3   | Back cover<br>Tapa trasera          | Cast iron<br>Fundición                         |
| 4   | Through Bolt<br>Perno               | Steel<br>Acero                                 |
| 5   | Motor Case<br>Cuerpo de Motor       | Aluminum<br>Aluminio                           |
| 6   | Wound Stator<br>Estator             | Silicon Steel/copper<br>Acero al Silicio/cobre |
| 7   | Impeller Key<br>Chaveta Impulsor    | Iron<br>Hierro                                 |
| 8   | Rotor<br>Rotor                      | Silicon Steel<br>Acero al Silicio              |
| 9   | Bearing<br>Rodamiento               | Ball Bearing<br>Bola Rodamiento                |
| 10  | Motor Cover<br>Tapa Motor           | Cast iron<br>Fundición                         |
| 11  | Terminal Board<br>Tablero de Bombas | Plastic<br>Plástico                            |
| 12  | Capacitor<br>Capacitor              | Plastic<br>Plástico                            |
| 13  | Pad<br>Almohadilla                  | Rubber<br>Caucho                               |
| 14  | Terminal Box<br>Caja de Bombas      | Aluminum<br>Aluminio                           |
| 15  | Coupling<br>Unión                   | Steel<br>Acero                                 |
| 16  | Shaft<br>Eje                        | SS304/45# Steel<br>Inox 304/45# Hierro         |
| 17  | Connection<br>Conexión              | Cast iron<br>Fundición                         |
| 18  | Case Cover<br>Tapa Cuerpo           | SS304<br>Inox304                               |
| 19  | Release Valve<br>Tapón Cebado       | Brass<br>Bronce                                |
| 20  | Mechanical Seal<br>Cierre Mecánico  | SiC/Carbon/SS304<br>SiC-Grafito-Inox304        |
| 21  | Impeller<br>Impulsor                | SS304/Cast iron<br>Inox 304/Fundición          |
| 22  | Washer<br>Arandela                  | Steel<br>Acero                                 |
| 23  | Impeller Nut<br>Tuerca de Impulso   | Galvanized Steel<br>Acero Galvanizado          |
| 24  | O-ring<br>Junta Tóricar             | Rubber<br>Caucho                               |
| 25  | Pump Case<br>Cuerpo de Bomba        | Cast iron<br>Fundición                         |

**DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS**







## PW

Same DN centrifugal pump  
Bomba centrífuga con misma DN



### NEW / NUEVO

#### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New design centrifugal pump
  - ▶ Original design by PURITY (patented)
  - ▶ Both square motor & round motor available
  - ▶ YE3 high efficient motor, with protection IP55 class F
  - ▶ Pump case with anti-corrosive coating
  - ▶ Impeller in stainless steel AISI 304 or cast iron
  - ▶ Shaft in stainless steel AISI 304 or galvanized iron
  - ▶ Galvanized counter flange with bolts, nuts and gaskets
  - ▶ Quality NSK bearing, wear resistance mechanical seal
- ▶ Nueva bomba centrifugas horizontal
  - ▶ Diseño original de PURITY (Patentado)
  - ▶ Motor redondo y cuadrado disponible
  - ▶ Motor de eficiencia YE3 con Protección IP55 clase F
  - ▶ Cuerpo de bomba con tratamiento anti-corrosión
  - ▶ Impulsor en inox AISI304 o fundición
  - ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
  - ▶ Contrabridas galvanizadas con pernos, tuercas y empaques
  - ▶ Rodamiento de marca NSK y cierre mecánico personalizado

#### APPLICATIONS / APLICACIONES

- ▶ Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.
- ▶ Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.
- ▶ Las Bombas centrífugas según EN733 diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, contraincendio, irrigación, industria, circulación del agua, agricultura.

#### USING LIMITS / LÍMITES DE UTILIZACIÓN

- ▶ Liquid temperature between **-10°C** and **+120°C**
- ▶ Ambient temperature up to **+50°C**
- ▶ Max. working pressure **16 bar**
- ▶ Continuous service **S1**
- ▶ Temperatura del líquido de **-10 °C** hasta **+120 °C**
- ▶ Temperatura ambiente hasta **+50 °C**
- ▶ Presión máxima en el cuerpo de la bomba **16 bar**
- ▶ Funcionamiento continuo **S1**

#### PATENTS / PATENTES

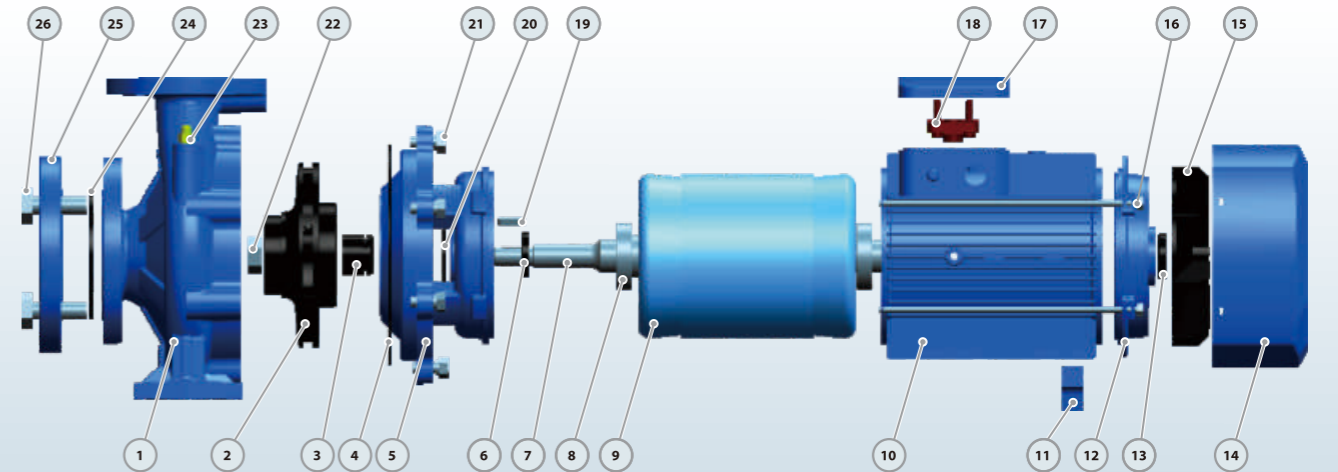
- ▶ Registered model PW
- ▶ Registered Patent Design n° 201530478502.0
- ▶ Registrado modelo PW
- ▶ Registrado patente diseño n° 201530478502.0

#### TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=2900 1/min

| MODEL<br>MODELO | Power<br>Potencia |      | l/min<br>m³/h | Q=DELIVERY / CAUDAL |     |     |     |     |     |      |      |      |      |      |      |      |      |      | DN<br>mm |         |      |
|-----------------|-------------------|------|---------------|---------------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|----------|---------|------|
|                 | kw                | hp   |               | 0                   | 100 | 150 | 250 | 300 | 400 | 450  | 600  | 700  | 800  | 900  | 1200 | 1400 | 1500 | 1800 |          | 2000    | 2300 |
|                 |                   |      |               | 0                   | 6   | 9   | 15  | 18  | 24  | 27   | 36   | 42   | 48   | 54   | 72   | 84   | 90   | 108  |          | 120     | 138  |
| 80-125/22       | 2.2               | 3    | 17            | -                   | -   | -   | -   | -   | -   | 15.4 | 14   | 12.8 | 11.5 | 6.5  |      |      |      |      |          | 80x80   |      |
| 80-125/30       | 3                 | 4    | 20            | -                   | -   | -   | -   | -   | -   | 18.8 | 18   | 17   | 15.6 | 11   |      |      |      |      |          | 80x80   |      |
| 80-125/40       | 4                 | 5.5  | 24            | -                   | -   | -   | -   | -   | -   | 23.1 | 23   | 21.5 | 20.3 | 15.8 |      |      |      |      |          | 80x80   |      |
| 80-160/55       | 5.5               | 7.5  | 32            | -                   | -   | -   | -   | -   | -   | 30.6 | 30   | 28   | 26.6 | 20.5 | 14.8 |      |      |      |          | 80x80   |      |
| 80-160/75       | 7.5               | 10   | 40            | -                   | -   | -   | -   | -   | -   | 38   | 37   | 36   | 34.4 | 29   | 24   | 21   |      |      |          | 80x80   |      |
| 80-200/92       | 9.2               | 12.5 | 50.5          | -                   | -   | -   | -   | -   | -   | 46.8 | 45   | 43   | 40.9 | 32.5 | 25.7 |      |      |      |          | 80x80   |      |
| 80-200/110      | 11                | 15   | 57.5          | -                   | -   | -   | -   | -   | -   | 53.5 | 52   | 50   | 47.5 | 40   | 33   | 29   |      |      |          | 80x80   |      |
| 80-250/150      | 15                | 20   | 68.5          | -                   | -   | -   | -   | -   | -   | 64   | 63   | 61.5 | 59   | 50   | 41   |      |      |      |          | 80x80   |      |
| 80-250/185      | 18.5              | 25   | 79            | -                   | -   | -   | -   | -   | -   | 75.8 | 74.8 | 74   | 71.5 | 63.5 | 55.5 | 47   |      |      |          | 80x80   |      |
| 80-250/220      | 22                | 30   | 89.5          | -                   | -   | -   | -   | -   | -   | 86   | 85.3 | 84   | 81.5 | 73.5 | 65.5 | 57   |      |      |          | 80x80   |      |
| 100-125/40      | 4                 | 5.5  | 19            | -                   | -   | -   | -   | -   | -   | -    | -    | 17.3 | 16.8 | 14.5 | 13   | 11.8 |      |      |          | 100x100 |      |
| 100-125/55      | 5.5               | 7.5  | 23            | -                   | -   | -   | -   | -   | -   | -    | -    | 21.3 | 20.9 | 19   | 17.5 | 16.7 | 13.7 |      |          | 100x100 |      |
| 100-125/75      | 7.5               | 10   | 27            | -                   | -   | -   | -   | -   | -   | -    | -    | 26   | 25.6 | 24.5 | 23   | 22.5 | 20   | 18   |          | 100x100 |      |
| 100-160/92      | 9.2               | 12.5 | 33            | -                   | -   | -   | -   | -   | -   | -    | -    | 31.5 | 30   | 28   | 27.1 | 24   | 21.5 |      |          | 100x100 |      |
| 100-160/110     | 11                | 15   | 36            | -                   | -   | -   | -   | -   | -   | -    | -    | 34.5 | 33   | 31.5 | 30.8 | 28   | 25.5 |      |          | 100x100 |      |
| 100-160/150     | 15                | 20   | 42            | -                   | -   | -   | -   | -   | -   | -    | -    | 41   | 40   | 38.5 | 37.8 | 35   | 33   | 29.5 |          | 100x100 |      |
| 100-200/150     | 15                | 20   | 45            | -                   | -   | -   | -   | -   | -   | -    | -    | 45.5 | 43   | 41   | 40.2 | 36.5 | 34   |      |          | 100x100 |      |
| 100-200/185     | 18.5              | 25   | 52            | -                   | -   | -   | -   | -   | -   | -    | -    | 52.3 | 51   | 49   | 48.2 | 44.5 | 42   |      |          | 100x100 |      |
| 100-200/220     | 22                | 30   | 59            | -                   | -   | -   | -   | -   | -   | -    | -    | 59.5 | 58   | 56   | 55   | 52   | 49.5 | 44.5 |          | 100x100 |      |

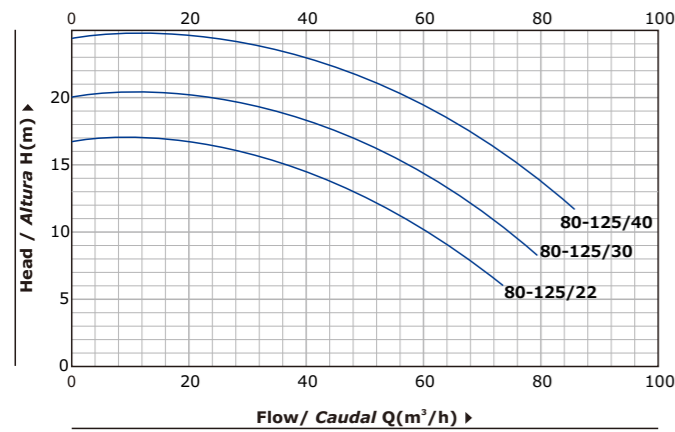
#### MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



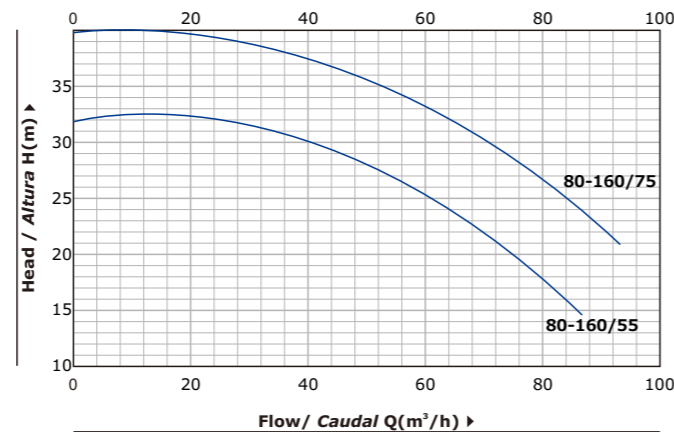
| No. | Description<br>Descripción            | Material<br>Material                           | No. | Description<br>Descripción          | Material<br>Material   | No. | Description<br>Descripción         | Material<br>Material                          |
|-----|---------------------------------------|--|-----|-------------------------------------|------------------------|-----|------------------------------------|---|
| 1   | Pump Case<br>Cuerpo de Bomba          | Cast iron<br>Fundición                         | 10  | Motor Case<br>Cuerpo de Motor       | Aluminum<br>Aluminio   | 19  | Impeller Key<br>Chaveta Impulsor   | Iron<br>Hierro                                |
| 2   | Impeller<br>Impulsor                  | SS304/Cast iron<br>Inox 304/Fundición          | 11  | Support Foot<br>Soporte Pie         | Plastic<br>Plástico    | 20  | Water Deflector<br>Deflector       | Rubber<br>Caucho                              |
| 3   | Mechanical Seal<br>Cierre Mecánico    | SiC/Carbon/SS304<br>SiC-Grafito-Inox304        | 12  | Back Cover<br>Tapa Trasera          | Cast iron<br>Fundición | 21  | Connection Bolt<br>Perno           | Steel<br>Acero                                |
| 4   | O-ring<br>Junta Tórica                | Rubber<br>Caucho                               | 13  | Reinforced Seal<br>Sello Reforzado  | Rubber<br>Caucho       | 22  | Impeller Nut<br>Tuerca de Impulsor | Galvanized Steel<br>Acero Galvanizado         |
| 5   | Connection<br>Conexión                | Cast iron<br>Fundición                         | 14  | Fan Cover<br>Tapa Ventilador        | Aluminum<br>Aluminio   | 23  | Release Valve<br>Tapón Cebado      | Brass<br>Bronce                               |
| 6   | Reinforced Seal<br>Sello Reforzado    | Rubber<br>Caucho                               | 15  | Fan<br>Ventilador                   | Plastic<br>Plástico    | 24  | Gasket<br>Empaque                  | Rubber<br>Caucho                              |
| 7   | Shaft<br>Eje                          | SS304/45# Steel<br>Inox 304/45# Hierro         | 16  | Through Bolt<br>Perno               | Steel<br>Acero         | 25  | Counter Flange<br>Contra Brida     | Galvanized Cast iron<br>Fundición Galvanizado |
| 8   | Bearing<br>Rodamiento                 | Ball Bearing<br>Bola Rodamiento                | 17  | Terminal Box<br>Caja de Bornes      | Aluminum<br>Aluminio   | 26  | Flange Bolt<br>Perno de Brida      | Steel<br>Acero                                |
| 9   | Wound Stator/Rotor<br>Estator / Rotor | Silicon Steel/Copper<br>Acero al Silicio/Cobre | 18  | Terminal Board<br>Tablero de Bornes | Plastic<br>Plástico    |     |                                    |   |

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

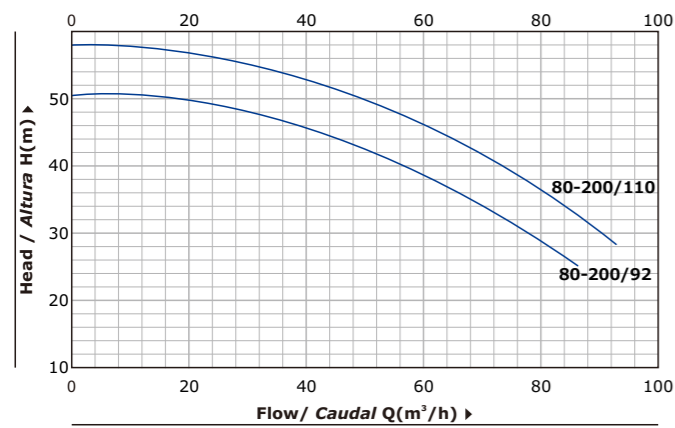
50 Hz n=2900 1/min



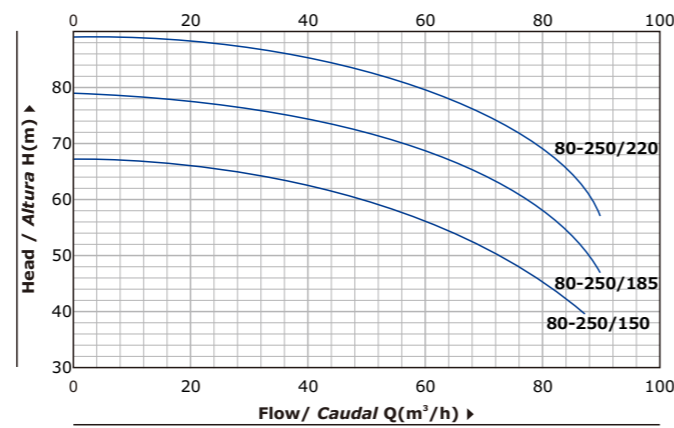
**80-125**



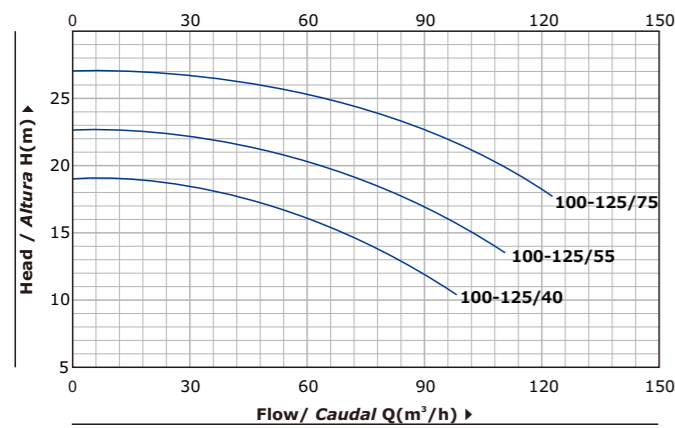
**80-160**



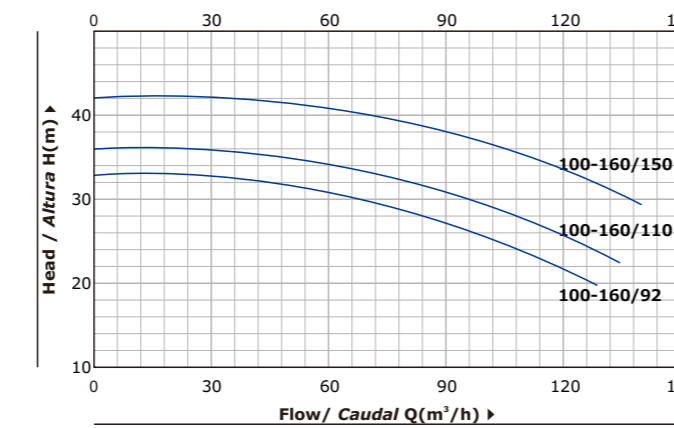
**80-200**



**80-250**



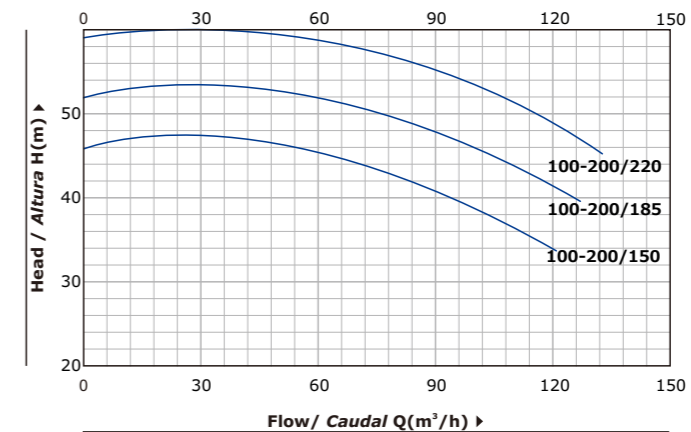
**100-125**



**100-160**

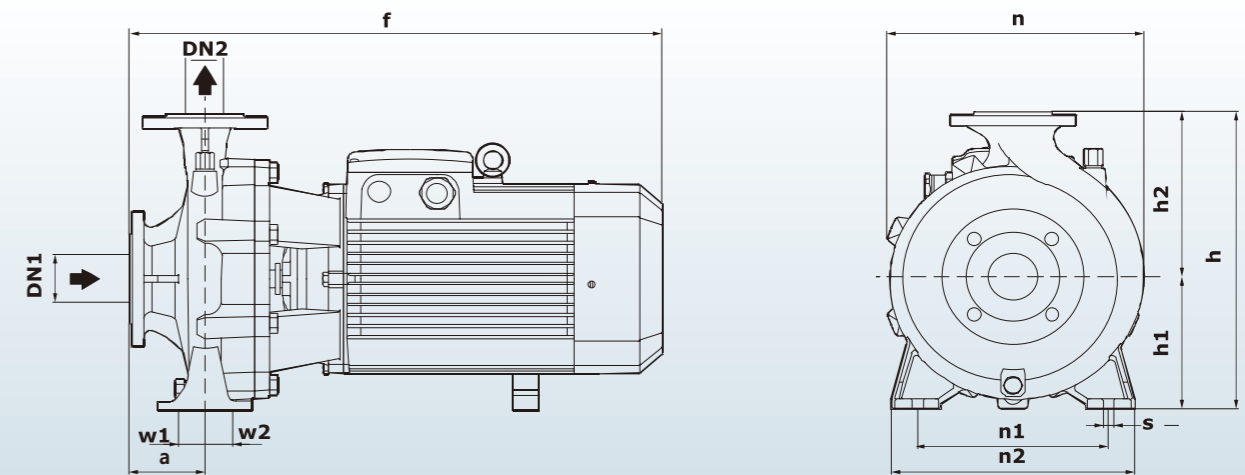
PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min



**100-200**

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



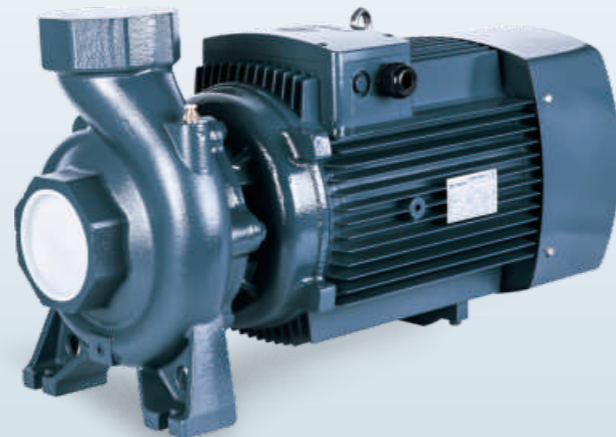
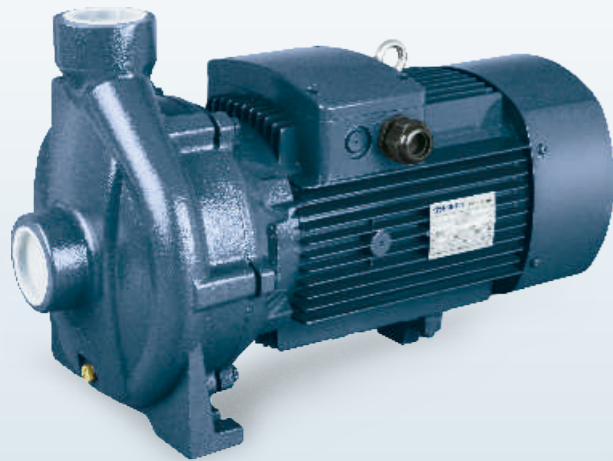
| MODEL / MODELO             |                          | DIMENSIONS / DIMENSIONES mm |     |     |     |     |     |     |     |     |     |     |    |    | kg |     |
|----------------------------|--------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| Single-phase<br>Monofásico | Three-phase<br>Trifásico | DN1                         | DN2 | a   | f   | h   | h1  | h2  | n   | n1  | n2  | w1  | w2 | s  | 1~ | 3~  |
| 80-125/22                  | 80-125/22                | 80                          | 80  | 102 | 525 | 305 | 135 | 170 | 263 | 190 | 245 | 37  | 37 | 8  | 45 | 41  |
| 80-125/30                  | 80-125/30                |                             |     |     |     |     |     |     |     |     |     |     |    |    | 54 | 50  |
| -                          | 80-125/40                |                             |     |     |     |     |     |     |     |     |     |     |    |    | -  | 52  |
| -                          | 80-160/55                |                             |     |     |     |     |     |     |     |     |     |     |    |    | -  | 64  |
| -                          | 80-160/75                |                             |     | -   | 71  |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 80-200/92                |                             |     | -   | 90  |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 80-200/110               |                             |     | -   | 106 |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 80-250/150               |                             |     | -   | 145 |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 80-250/185               |                             |     | -   | 153 |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 80-250/220               |                             |     | -   | 183 |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 100-125/40               | 100                         | 100 | 104 | 580 | 345 | 162 | 193 | 275 | 212 | 275 | 49  | 49 | 10 | 56 | 68  |
| -                          | 100-125/55               |                             |     |     |     |     |     |     |     |     |     |     |    |    | -  | 74  |
| -                          | 100-125/75               |                             |     |     |     |     |     |     |     |     |     |     |    |    | -  | 90  |
| -                          | 100-160/92               |                             |     |     |     |     |     |     |     |     |     |     |    |    | -  | 106 |
| -                          | 100-160/110              |                             |     | -   | 134 |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 100-160/150              |                             |     | -   | 140 |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 100-200/150              |                             |     | -   | 145 |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 100-200/185              |                             |     | -   | 145 |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 100-200/220              |                             |     | -   | 185 |     |     |     |     |     |     |     |    |    |    |     |
| -                          | 100-160/150              |                             |     | -   | 120 | 740 | 415 | 186 | 230 | 330 | 250 | 330 | -  | -  | -  | -   |





## PC

### Thread port centrifugal pump Bomba centrífuga roscada



## NEW / NUEVO

### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New thread port centrifugal pump
  - ▶ Original design by PURITY (patented)
  - ▶ Both square motor & round motor available
  - ▶ YE3 high efficient motor, with protection IP55 class F
  - ▶ Pump case with anti-corrosive coating
  - ▶ Impeller in brass or cast iron
  - ▶ Shaft in stainless steel AISI 304 or galvanized iron
  - ▶ Suction and discharge port in G20 thread
  - ▶ Quality NSK bearing, wear resistance mechanical seal
- ▶ Nueva bomba centrífuga roscada
  - ▶ Diseño original de PURITY (Patentado)
  - ▶ Motor redondo y cuadrado disponible
  - ▶ Motor de eficiencia YE3 con Protección IP55 clase F
  - ▶ Cuerpo de bomba con tratamiento anti-corrosión
  - ▶ Impulsor en bronce o fundición de hierro
  - ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
  - ▶ Aspiración e impulsión en fundición G20 roscada
  - ▶ Rodamiento de marca NSK y cierre mecánico personalizado

### APPLICATIONS / APLICACIONES

The high efficiency and continuous duty capabilities makes these pumps ideal for use in activities such as flood and spray irrigation, drawing water from lakes, rivers and wells, or for any number of different industrial applications where the characteristics of high flow rates and mid to low head are required. Suitable for use in civil and agricultural applications.

Sus elevados rendimientos y la posibilidad de un funcionamiento continuo permiten el uso de estas electrobombas para la irrigación por gravedad, por asperción, para el bombeo del agua de lagos, ríos, pozos y para muchas otras aplicaciones industriales caracterizadas por la necesidad de tener caudales considerables con alturas medio bajas. Son recomendadas para utilizarse en el sector civil y agrícola.

### USING LIMITS / LÍMITES DE UTILIZACIÓN

Liquid temperature between  $-10^{\circ}\text{C}$  and  $+120^{\circ}\text{C}$   
Ambient temperature up to  $+50^{\circ}\text{C}$   
Max. working pressure **16 bar**  
Continuous service **S1**

Temperatura del líquido de  $-10^{\circ}\text{C}$  hasta  $+120^{\circ}\text{C}$   
Temperatura ambiente hasta  $+50^{\circ}\text{C}$   
Presión máxima en el cuerpo de la bomba **16 bar**  
Funcionamiento continuo **S1**

### PATENTS / PATENTES

Registered model PC  
Registered Patent Design n° 201530476290.2

Registrado modelo PC  
Registrado patente diseño n° 201530476290.2

### TECHNICAL DATA / DATOS TÉCNICOS

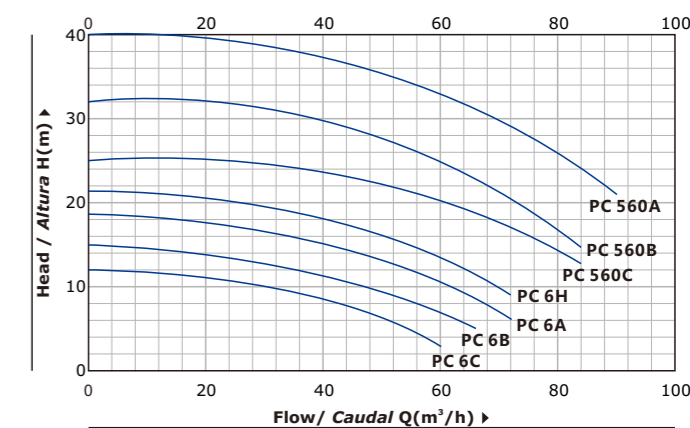
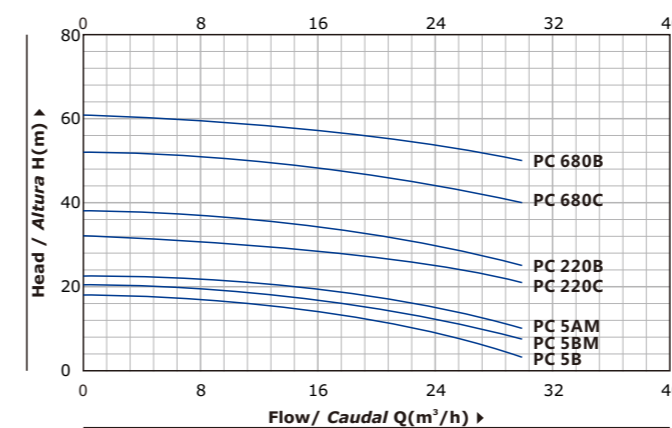
50 Hz n=2900 1/min

| MODEL<br>MODELO | Power<br>Potencia |      | l/min<br>m³/h | Q=DELIVERY / CAUDAL |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | DN<br>mm |         |      |
|-----------------|-------------------|------|---------------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|---------|------|
|                 | kw                | hp   |               | 0                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1400 | 1500 | 1800 |          | 2000    | 2300 |
|                 |                   |      |               | 0                   | 6    | 9    | 12   | 15   | 18   | 21   | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 84   | 90   | 108  |          | 120     | 138  |
| PC 5B           | 0.75              | 1    | 17.9          | 16.4                | 16.5 | 15   | 14   | 13.5 | 11.4 | 9.5  | 5    |      |      |      |      |      |      |      |      |      |      |      |          | 50x50   |      |
| PC 5BM          | 1.1               | 1.5  | 20.2          | 19.2                | 19   | 18   | 17   | 16   | 14   | 12   | 7.5  |      |      |      |      |      |      |      |      |      |      |      |          | 50x50   |      |
| PC 5AM          | 1.5               | 2    | 22.5          | 22                  | 21.5 | 21   | 20   | 18.5 | 16.6 | 14.5 | 10   |      |      |      |      |      |      |      |      |      |      |      |          | 50x50   |      |
| PC 220C         | 2.2               | 3    | 32            | 31                  | 30.5 | 30   | 29   | 28   | 26   | 24   | 21   |      |      |      |      |      |      |      |      |      |      |      |          | 50x50   |      |
| PC 220B         | 3                 | 4    | 38            | 37                  | 36.5 | 36   | 34.8 | 33.5 | 31.2 | 29   | 25   |      |      |      |      |      |      |      |      |      |      |      |          | 50x50   |      |
| PC 680C         | 4                 | 5.5  | 52            | 51                  | 50.8 | 50.3 | 49   | 47.5 | 45   | 43   | 40   |      |      |      |      |      |      |      |      |      |      |      |          | 50x50   |      |
| PC 680B         | 5.5               | 7.5  | 61            | 60                  | 59.5 | 59   | 58.5 | 57   | 55   | 52.5 | 50   |      |      |      |      |      |      |      |      |      |      |      |          | 50x50   |      |
| PC 6C           | 1.1               | 1.5  | 11.9          |                     |      | 11.7 | 11.5 | 11.3 | 11   | 10.7 | 10.2 | 9.2  | 8    | 6.7  | 5    | 3    |      |      |      |      |      |      |          | 50x50   |      |
| PC 6B           | 1.5               | 2    | 14.7          |                     |      | 14.5 | 14.3 | 14   | 13.8 | 13.5 | 12.8 | 12   | 11   | 9.7  | 8.2  | 6.7  | 5    |      |      |      |      |      |          | 50x50   |      |
| PC 6A           | 2.2               | 3    | 18.5          |                     |      | 18.1 | 18   | 17.8 | 17.5 | 17.2 | 16.8 | 16   | 15   | 13.8 | 12.2 | 10.5 | 8.3  | 6    |      |      |      |      |          | 80x80   |      |
| PC 6H           | 3                 | 4    | 21.5          |                     |      | 21   | 20.9 | 20.7 | 20.4 | 20   | 19.5 | 18.8 | 17.8 | 16.5 | 15   | 13.5 | 11.2 | 9    |      |      |      |      |          | 80x80   |      |
| PC 560C ★       | 4                 | 5.5  | 25            |                     |      |      |      |      |      |      |      | 24.1 | 24   | 22.5 | 21.3 | 19.8 | 18.3 | 16.8 | 12.8 |      |      |      |          | 80x80   |      |
| PC 560B ★       | 5.5               | 7.5  | 32            |                     |      |      |      |      |      |      |      | 30.6 | 30   | 28   | 26.6 | 24.8 | 22.7 | 20.5 | 14.8 |      |      |      |          | 80x80   |      |
| PC 560A ★       | 7.5               | 10   | 40            |                     |      |      |      |      |      |      |      | 38   | 37   | 36   | 34.4 | 32.6 | 30.8 | 29   | 24   | 21   |      |      |          | 80x80   |      |
| PC 8C           | 2.2               | 3    | 18.5          |                     |      | 18.1 | 18   | 17.8 | 17.5 | 17.2 | 16.8 | 16   | 15   | 13.8 | 12.2 | 10.5 | 8.3  | 6    |      |      |      |      |          | 100x100 |      |
| PC 8B           | 3                 | 4    | 21.5          |                     |      | 21   | 20.9 | 20.7 | 20.4 | 20   | 19.5 | 18.8 | 17.8 | 16.5 | 15   | 13.5 | 11.2 | 9    |      |      |      |      |          | 100x100 |      |
| PC 625C         | 4                 | 5.5  | 19            |                     |      |      |      |      |      |      |      |      |      | 17.3 | 16.8 | 15.5 | 15   | 14.5 | 13   | 11.8 |      |      |          | 100x100 |      |
| PC 625B ★       | 5.5               | 7.5  | 23            |                     |      |      |      |      |      |      |      |      |      | 21.3 | 20.9 | 20.3 | 19.7 | 19   | 17.5 | 16.7 | 13.7 |      |          | 100x100 |      |
| PC 625A ★       | 7.5               | 10   | 27            |                     |      |      |      |      |      |      |      |      |      | 26   | 25.6 | 25.2 | 24.8 | 24.5 | 23   | 22.5 | 20   | 18   |          | 100x100 |      |
| PC 660D ★       | 9.2               | 12.5 | 33            |                     |      |      |      |      |      |      |      |      |      | 31.5 | 31   | 30.5 | 30   | 28   | 27.1 | 24   | 21.5 |      |          | 100x100 |      |
| PC 660C ★       | 11                | 15   | 36            |                     |      |      |      |      |      |      |      |      |      | 34.5 | 34   | 33.5 | 33   | 31.5 | 30.8 | 28   | 25.5 |      |          | 100x100 |      |
| PC 660B ★       | 15                | 20   | 42            |                     |      |      |      |      |      |      |      |      |      | 41   | 40.7 | 40.4 | 40   | 38.5 | 37.8 | 35   | 33   | 29.5 |          | 100x100 |      |
| PC 660A ★       | 18.5              | 25   | 49            |                     |      |      |      |      |      |      |      |      |      | 48   | 47.7 | 47.4 | 47   | 46   | 45   | 42   | 41   | 37   |          | 100x100 |      |

★=Cast iron impeller / Impulsor en fundición

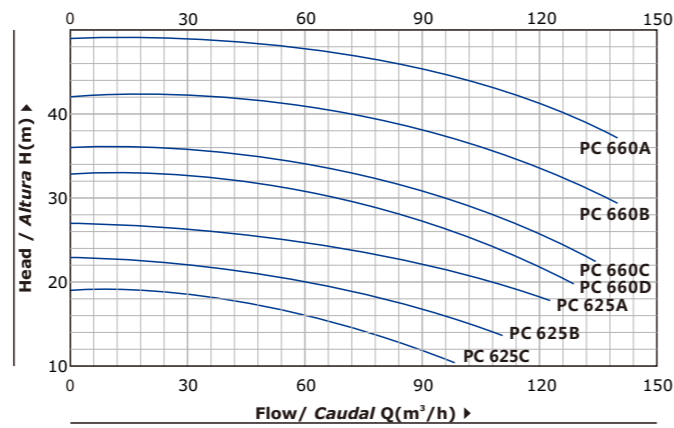
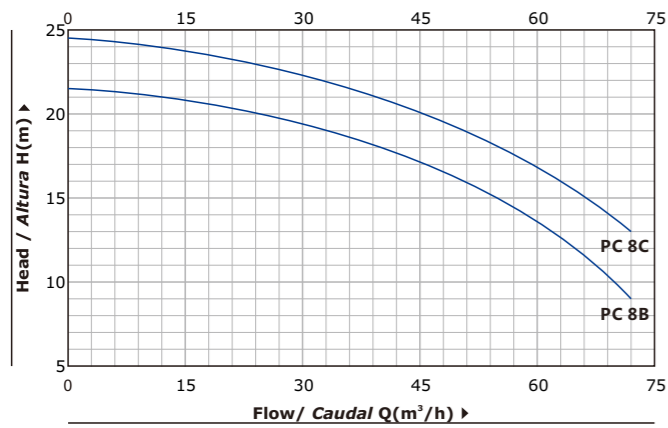
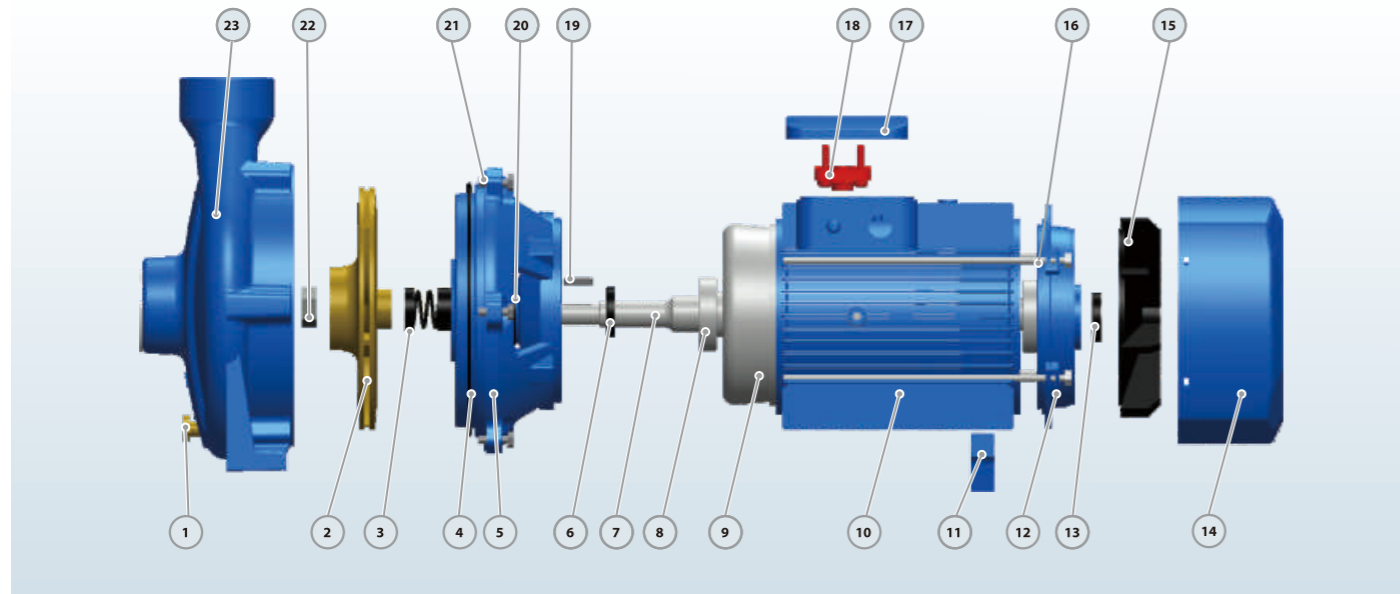
### CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n=2900 1/min

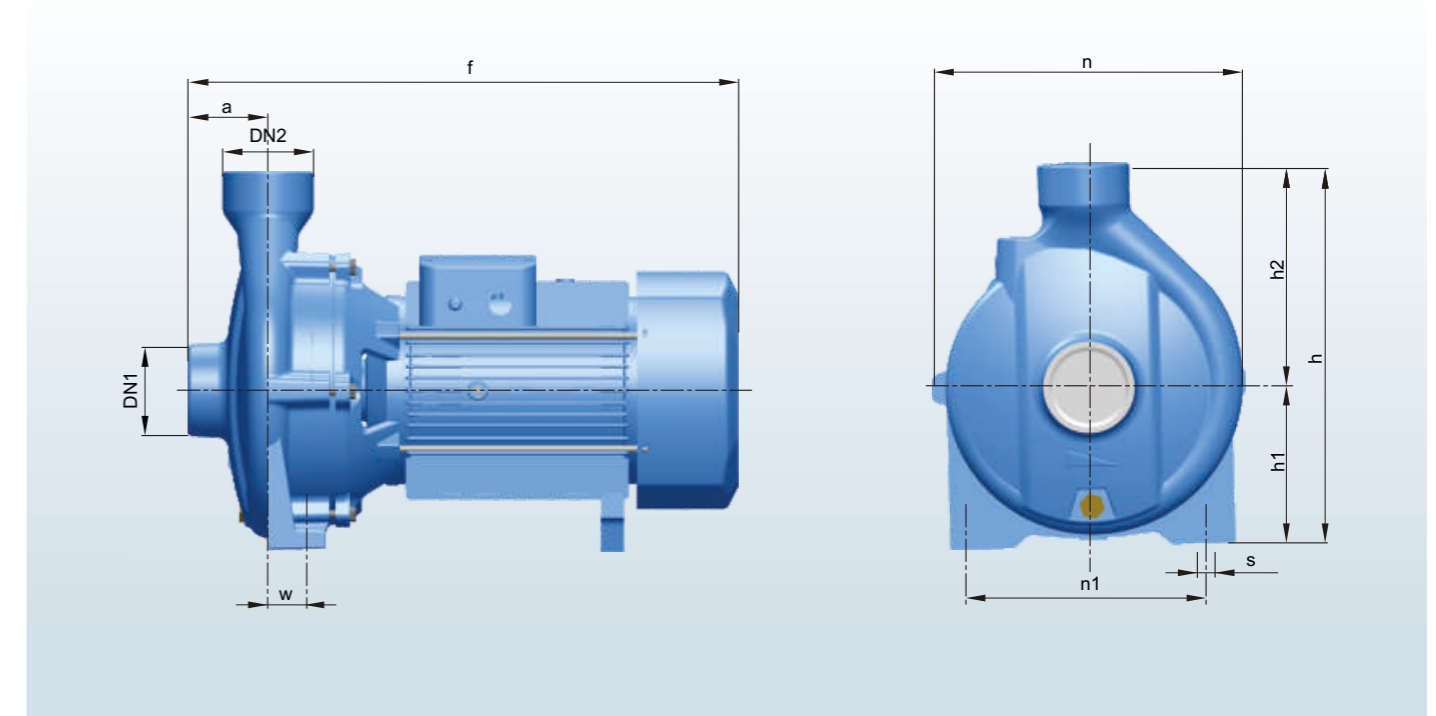


**CHARACTERISTIC CURVES AND PERFORMANCE DATA**

50 Hz n=2900 1/min


**MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL**


| No. | Description / Descripción         | Material                               | No. | Description / Descripción            | Material                                      | No. | Description / Descripción          | Material                             |
|-----|-----------------------------------|--|-----|--------------------------------------|---|-----|------------------------------------|--------------------------------------|
| 1   | Release Valve / Tapón Cebado      | Brass / Bronce                         | 9   | Wound Stator/Rotor / Estator / Rotor | Silicon Steel/Copper / Acero al Silicio/Cobre | 17  | Terminal Box / Caja de Bornes      | Aluminum / Aluminio                  |
| 2   | Impeller / Impulsor               | Brass / Bronce                         | 10  | Motor Case / Cuerpo de Motor         | Aluminum / Aluminio                           | 18  | Terminal Board / Tablero de Bornes | Plastic / Plástico                   |
| 3   | Mechanical Seal / Cierre Mecánico | SiC/Carbon/SS304 / SiC-Grafito-Inox304 | 11  | Support Foot / Soporte Pie           | Plastic / Plástico                            | 19  | Impeller Key / Chaveta Impulsor    | Iron / Hierro                        |
| 4   | O-ring / Junta Tórica             | Rubber / Caucho                        | 12  | Back Cover / Tapa Trasera            | Cast iron / Fundición                         | 20  | Water Deflector / Deflector        | Rubber / Caucho                      |
| 5   | Connection / Conexión             | Cast iron / Fundición                  | 13  | Reinforced Seal / Sello Reforzado    | Rubber / Caucho                               | 21  | Connection Bolt / Perno            | Steel / Acero                        |
| 6   | Reinforced Seal / Sello Reforzado | Rubber / Caucho                        | 14  | Fan Cover / Tapa Ventilador          | Aluminum / Aluminio                           | 22  | Impeller Nut / Tuerca de Impulsor  | Galvanized Steel / Acero Galvanizado |
| 7   | Shaft / Eje                       | SS304/45# Steel / Inox 304/45# Hierro  | 15  | Fan / Ventilador                     | Plastic / Plástico                            | 23  | Pump Case / Cuerpo de Bomba        | Cast iron / Fundición                |
| 8   | Bearing / Rodamiento              | Ball Bearing / Bola Rodamiento         | 16  | Through Bolt / Perno                 | Steel / Acero                                 |     |                                    |                                      |

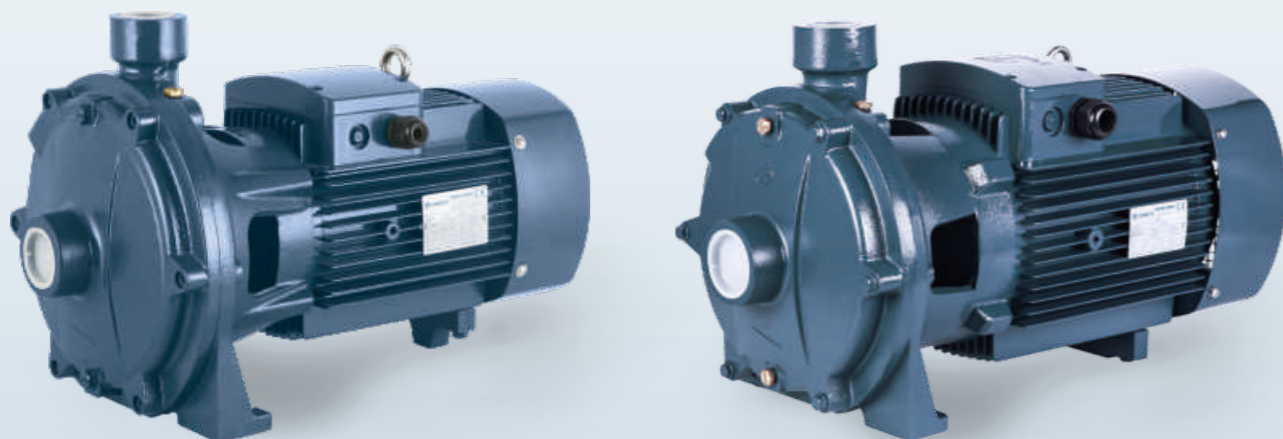
**DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS**


| MODEL / MODELO            |                         | DIMENSIONS / DIMENSIONES mm |     |    |     |     |     |     |     |     |    |    | kg   |      |
|---------------------------|-------------------------|-----------------------------|-----|----|-----|-----|-----|-----|-----|-----|----|----|------|------|
| Single-phase / Monofásico | Three-phase / Trifásico | DN1                         | DN2 | a  | f   | h   | h1  | h2  | n   | n1  | w  | s  | 1~   | 3~   |
| PC 5B                     | PC 5B                   | 50                          | 50  | 51 | 398 | 265 | 105 | 160 | 206 | 160 | 1  | 11 | 18   | 17   |
| PC 5BM                    | PC 5BM                  | 50                          | 50  | 51 | 398 | 265 | 105 | 160 | 206 | 160 | 1  | 11 | 19.9 | 18.9 |
| PC 5AM                    | PC 5AM                  | 50                          | 50  | 51 | 398 | 265 | 105 | 160 | 206 | 160 | 1  | 11 | 21.9 | 20.9 |
| PC 220C                   | PC 220C                 | 50                          | 50  | 75 | 472 | 322 | 132 | 190 | 245 | 165 | 40 | 14 | 29.5 | 28.5 |
| -                         | PC 220B                 | 50                          | 50  | 75 | 472 | 322 | 132 | 190 | 245 | 165 | 40 | 14 | -    | 32.3 |
| -                         | PC 680C                 | 50                          | 50  | 75 | 535 | 335 | 140 | 195 | 273 | 190 | 40 | 14 | -    | 42   |
| -                         | PC 680B                 | 50                          | 50  | 75 | 535 | 335 | 140 | 195 | 273 | 190 | 40 | 14 | -    | 47   |
| PC 6C                     | PC 6C                   | 80                          | 80  | 68 | 435 | 317 | 120 | 197 | 240 | 190 | 6  | 12 | 25   | 24   |
| PC 6B                     | PC 6B                   | 80                          | 80  | 68 | 435 | 317 | 120 | 197 | 240 | 190 | 6  | 12 | 26.5 | 25.5 |
| PC 6A                     | PC 6A                   | 80                          | 80  | 68 | 435 | 317 | 120 | 197 | 240 | 190 | 6  | 12 | 27.7 | 26.7 |
| -                         | PC 6H                   | 80                          | 80  | 68 | 435 | 317 | 120 | 197 | 240 | 190 | 6  | 12 | -    | 35   |
| -                         | PC 560C                 | 80                          | 80  | 79 | 578 | 372 | 163 | 209 | 263 | 212 | 32 | 16 | -    | 52   |
| -                         | PC 560B                 | 80                          | 80  | 79 | 578 | 372 | 163 | 209 | 263 | 212 | 32 | 16 | -    | 64   |
| -                         | PC 560A                 | 80                          | 80  | 79 | 578 | 372 | 163 | 209 | 263 | 212 | 32 | 16 | -    | 71   |
| PC 8C                     | PC 8C                   | 100                         | 100 | 70 | 482 | 322 | 120 | 202 | 245 | 190 | 30 | 14 | 31   | 30   |
| -                         | PC 8B                   | 100                         | 100 | 70 | 482 | 322 | 120 | 202 | 245 | 190 | 30 | 14 | -    | 35   |
| -                         | PC 625C                 | 100                         | 100 | 85 | 593 | 373 | 163 | 210 | 267 | 212 | 32 | 16 | -    | 63   |
| -                         | PC 625B                 | 100                         | 100 | 85 | 593 | 373 | 163 | 210 | 267 | 212 | 32 | 16 | -    | 68   |
| -                         | PC 625A                 | 100                         | 100 | 85 | 593 | 373 | 163 | 210 | 267 | 212 | 32 | 16 | -    | 74   |
| -                         | PC 660D                 | 100                         | 100 | 85 | 605 | 415 | 186 | 229 | 305 | 222 | 49 | 16 | -    | 90   |
| -                         | PC 660C                 | 100                         | 100 | 85 | 605 | 415 | 186 | 229 | 305 | 222 | 49 | 16 | -    | 106  |
| -                         | PC 660B                 | 100                         | 100 | 85 | 605 | 415 | 186 | 229 | 305 | 222 | 49 | 16 | -    | 134  |
| -                         | PC 660A                 | 100                         | 100 | 85 | 605 | 415 | 186 | 229 | 305 | 222 | 49 | 16 | -    | 155  |



## P2C

### Double impeller centrifugal pump Bomba centrífuga con doble impulsos



#### NEW / NUEVO

##### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New double impeller centrifugal pump
  - ▶ Original design by PURITY
  - ▶ Both square motor & round motor available
  - ▶ YE3 high efficient motor, with protection IP55 class F
  - ▶ Pump case with anti-corrosive coating
  - ▶ Double impeller in brass
  - ▶ Shaft in stainless steel AISI 304 or galvanized iron
  - ▶ Suction and discharge port in G20 thread
  - ▶ Quality NSK bearing, wear resistance mechanical seal
- 
- ▶ Nuevas bombas centrífugas con doble impulsos
  - ▶ Diseño original de PURITY (Patentado)
  - ▶ Motor redondo y cuadrado disponible
  - ▶ Motor de eficiencia YE3 con Protección IP55 clase F
  - ▶ Cuerpo de bomba con tratamiento anti-corrosión
  - ▶ Doble impulsor en bronce
  - ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
  - ▶ Aspiración e impulsión en fundición G20 roscada
  - ▶ Rodamiento de marca NSK y cierre mecánico personalizado

##### APPLICATIONS / APLICACIONES

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The high efficiency and adaptability of these pumps to even the most unusual of applications, makes them ideal for use in the domestic, civil and industrial sectors; in particular for the distribution of water in combination with pressure sets, for pressure boosting and in fire-fighting sets.

Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.

Los elevados rendimientos y su adaptabilidad a las aplicaciones más diversas, aún anormales, las colocan como ideales en el mercado doméstico, civil, industrial; en particular para la distribución del agua acopladas a un tanque de presurización, para el aumento de la presión de la red, para grupos anti-incendios.

##### USING LIMITS / LÍMITES DE UTILIZACIÓN

- ▶ Liquid temperature between  $-10^{\circ}\text{C}$  and  $+120^{\circ}\text{C}$
  - ▶ Ambient temperature up to  $+50^{\circ}\text{C}$
  - ▶ Max. working pressure **16 bar**
  - ▶ Continuous service **S1**
- 
- ▶ Temperatura del líquido de  $-10^{\circ}\text{C}$  hasta  $+120^{\circ}\text{C}$
  - ▶ Temperatura ambiente hasta  $+50^{\circ}\text{C}$
  - ▶ Presión máxima en el cuerpo de la bomba **16 bar**
  - ▶ Funcionamiento continuo **S1**

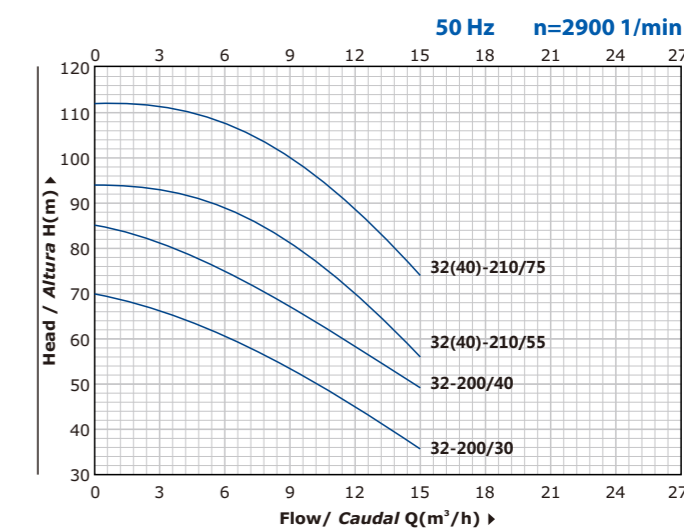
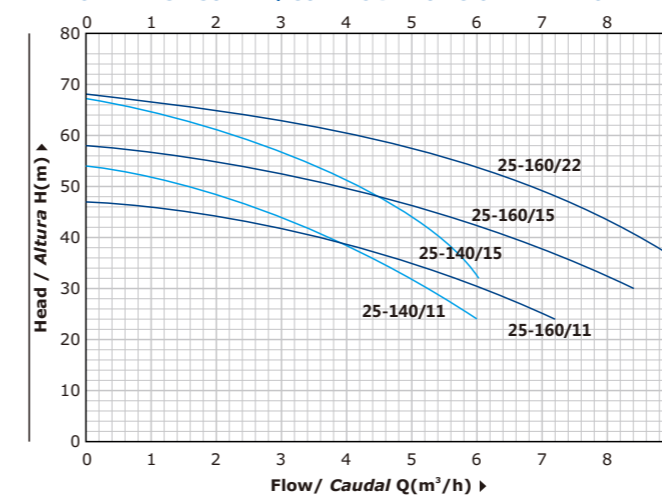
#### TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=2900 1/min

| MODEL<br>MODELO | Power<br>Potencia |      | l/min<br>m³/h | Q=DELIVERY / CAUDAL |      |    |     |     |     |      |     |     |     |      |      |      |     |     |     |     | DN<br>mm |       |       |
|-----------------|-------------------|------|---------------|---------------------|------|----|-----|-----|-----|------|-----|-----|-----|------|------|------|-----|-----|-----|-----|----------|-------|-------|
|                 | kw                | hp   |               | 0                   | 40   | 50 | 60  | 70  | 80  | 90   | 100 | 110 | 120 | 140  | 160  | 180  | 200 | 250 | 300 | 350 |          | 400   | 450   |
|                 |                   |      |               | 0                   | 2.4  | 3  | 3.6 | 4.2 | 4.8 | 5.4  | 6   | 6.6 | 7.2 | 8.4  | 9.6  | 10.8 | 12  | 15  | 18  | 21  |          | 24    | 27    |
| 25-140/11       | 1.1               | 1.5  | 54            | 47.5                | 44.5 | 41 | 37  | 33  | 28  | 22   |     |     |     |      |      |      |     |     |     |     |          | 32x25 |       |
| 25-140/15       | 1.5               | 2    | 67            | 60                  | 57   | 54 | 50  | 45  | 40  | 32   |     |     |     |      |      |      |     |     |     |     |          | 32x25 |       |
| 25-160/11       | 1.1               | 1.5  | 47            | 44                  | 42   | 40 | 38  | 35  | 33  | 30   | 27  | 24  |     |      |      |      |     |     |     |     |          | 32x25 |       |
| 25-160/15       | 1.5               | 2    | 58            | 54                  | 53   | 51 | 49  | 47  | 45  | 43   | 40  | 37  | 30  |      |      |      |     |     |     |     |          | 32x25 |       |
| 25-160/22       | 2.2               | 3    | 68            | 64.5                | 63   | 62 | 60  | 58  | 56  | 54   | 51  | 48  | 41  | 32   |      |      |     |     |     |     |          | 32x25 |       |
| 32-200/30       | 3                 | 4    | 70            |                     |      |    |     | 63  | 62  | 60.5 | 59  | 57  | 55  | 52   | 49.5 | 46.5 | 36  |     |     |     |          | 40x32 |       |
| 32-200/40       | 4                 | 5.5  | 85            |                     |      |    |     | 77  | 76  | 75   | 74  | 72  | 69  | 66   | 62   | 58   | 49  |     |     |     |          | 40x32 |       |
| 32-210/55       | 5.5               | 7.5  | 94            |                     |      |    |     | 91  | 90  | 89   | 87  | 85  | 83  | 79   | 75   | 70   | 56  |     |     |     |          | 50x32 |       |
| 32-210/75       | 7.5               | 10   | 112           |                     |      |    |     | 110 | 109 | 108  | 107 | 105 | 102 | 99   | 94   | 89   | 74  |     |     |     |          | 50x32 |       |
| 40-210/55       | 5.5               | 7.5  | 94            |                     |      |    |     | 91  | 90  | 89   | 87  | 85  | 83  | 79   | 75   | 70   | 56  |     |     |     |          | 50x40 |       |
| 40-210/75       | 7.5               | 10   | 112           |                     |      |    |     | 110 | 109 | 108  | 107 | 105 | 102 | 99   | 94   | 89   | 74  |     |     |     |          | 50x40 |       |
| 50-180/40       | 4                 | 5.5  | 62            |                     |      |    |     | 59  | 58  | 57   | 56  | 55  | 55  | 50   | 48   | 44   | 36  | 31  | 23  |     |          | 50x50 |       |
| 50-180/55       | 5.5               | 7.5  | 72            |                     |      |    |     | 69  | 68  | 67   | 66  | 65  | 65  | 60   | 58   | 54   | 46  | 41  | 33  |     |          | 50x50 |       |
| 50-180/75       | 7.5               | 10   | 84            |                     |      |    |     | 81  | 80  | 79   | 78  | 76  | 75  | 72   | 72   | 66   | 58  | 53  | 45  |     |          | 50x50 |       |
| 40-200/92       | 9.2               | 12.5 | 97            |                     |      |    |     |     |     |      |     |     |     | 91.5 | 91   | 90   | 88  | 85  | 80  | 74  | 68       | 61    | 50x40 |
| 40-200/110      | 11                | 15   | 105           |                     |      |    |     |     |     |      |     |     |     | 100  | 99   | 98   | 97  | 93  | 88  | 83  | 76       | 69    | 50x40 |
| 50-200/92       | 9.2               | 12.5 | 97            |                     |      |    |     |     |     |      |     |     |     | 91.5 | 91   | 90   | 88  | 85  | 80  | 74  | 68       | 61    | 50x50 |
| 50-200/110      | 11                | 15   | 105           |                     |      |    |     |     |     |      |     |     |     | 100  | 99   | 98   | 97  | 93  | 88  | 83  | 76       | 69    | 50x50 |
| 40-250/130      | 13                | 17.5 | 120           |                     |      |    |     |     |     |      |     |     |     | 114  | 113  | 112  | 110 | 107 | 103 | 98  | 91       | 82    | 50x40 |
| 40-250/150      | 15                | 20   | 130           |                     |      |    |     |     |     |      |     |     |     | 124  | 123  | 122  | 120 | 117 | 113 | 108 | 102      | 92    | 50x40 |
| 40-250/185      | 18.5              | 25   | 145           |                     |      |    |     |     |     |      |     |     |     | 139  | 138  | 137  | 136 | 131 | 126 | 121 | 114      | 107   | 50x40 |
| 40-250/220      | 22                | 30   | 160           |                     |      |    |     |     |     |      |     |     |     | 155  | 153  | 152  | 151 | 146 | 141 | 135 | 130      | 122   | 50x40 |
| 50-250/130      | 13                | 17.5 | 120           |                     |      |    |     |     |     |      |     |     |     | 114  | 113  | 112  | 110 | 107 | 103 | 98  | 91       | 82    | 50x50 |
| 50-250/150      | 15                | 20   | 130           |                     |      |    |     |     |     |      |     |     |     | 124  | 123  | 122  | 120 | 117 | 113 | 108 | 102      | 92    | 50x50 |
| 50-250/185      | 18.5              | 25   | 145           |                     |      |    |     |     |     |      |     |     |     | 139  | 138  | 137  | 136 | 131 | 126 | 121 | 114      | 107   | 50x50 |
| 50-250/220      | 22                | 30   | 160           |                     |      |    |     |     |     |      |     |     |     | 155  | 153  | 152  | 151 | 146 | 141 | 135 | 130      | 122   | 50x50 |

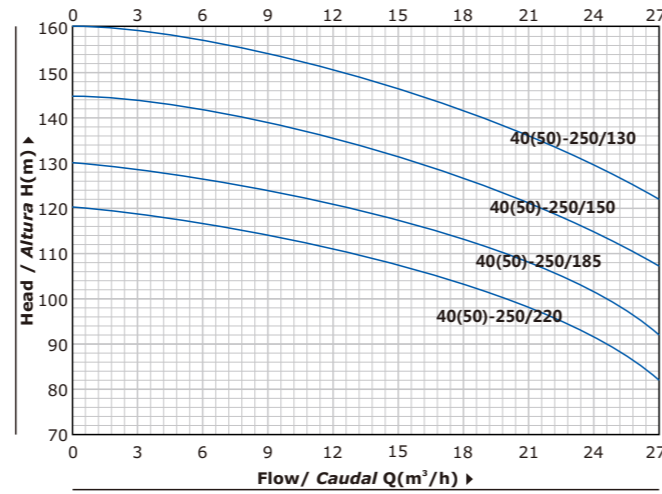
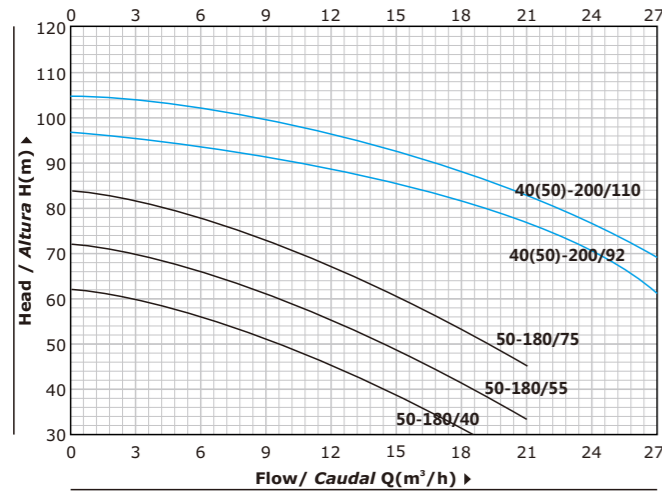
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#### PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

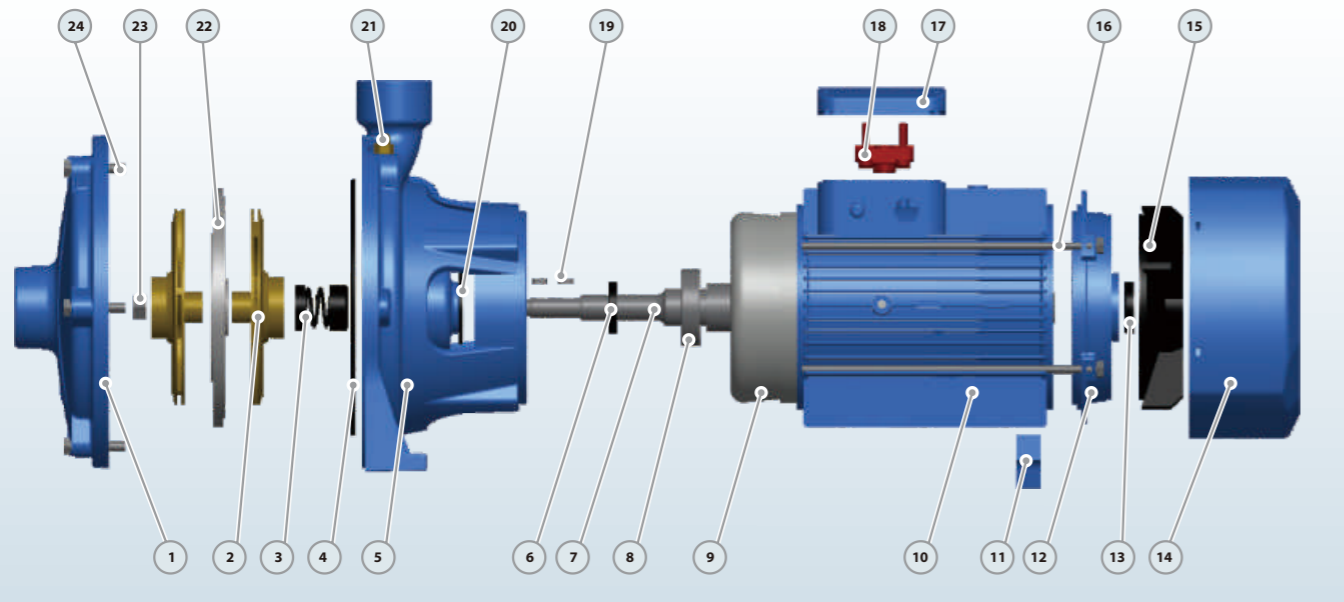


**PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO**

50 Hz n=2900 1/min

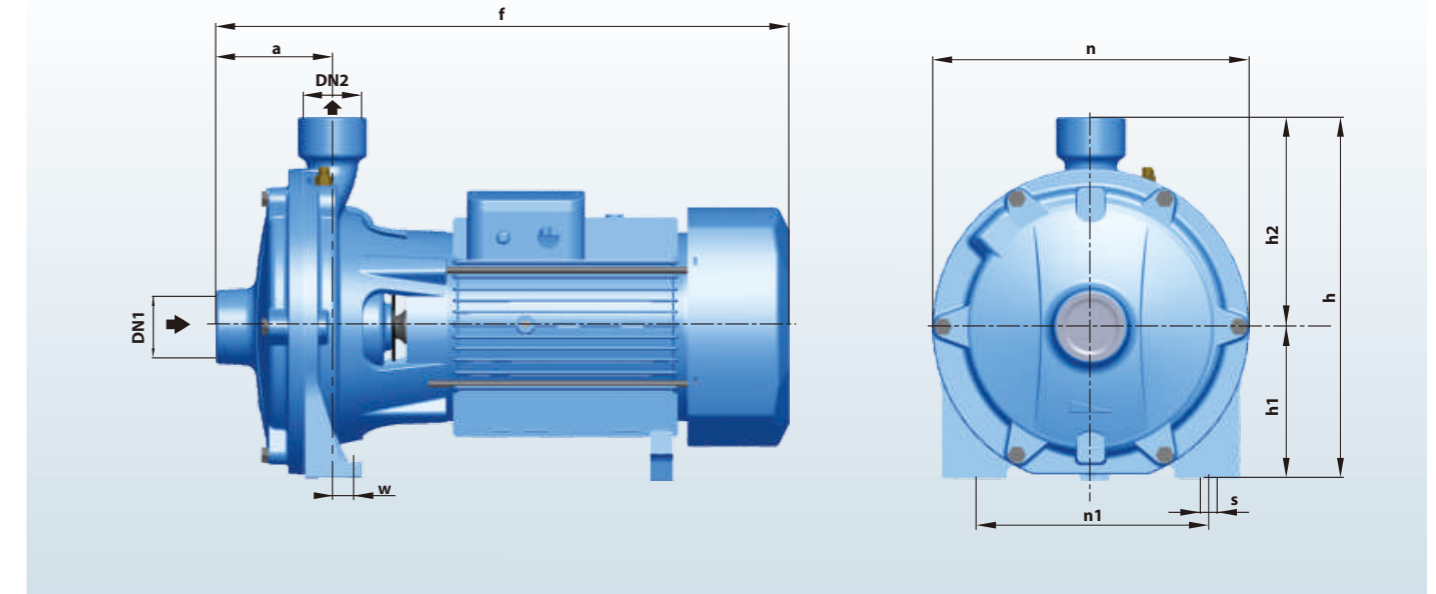


**MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL**



| No. | Description / Descripción         | Material / Material                    | No. | Description / Descripción            | Material / Material                           | No. | Description / Descripción          | Material / Material                  |
|-----|-----------------------------------|--|-----|--------------------------------------|---|-----|------------------------------------|--------------------------------------|
| 1   | Pump Case / Cuerpo de Bomba       | Cast iron / Fundición                  | 9   | Wound Stator/Rotor / Estator / Rotor | Silicon Steel/Copper / Acero al Silicio/Cobre | 17  | Terminal Box / Caja de Bornes      | Aluminum / Aluminio                  |
| 2   | Impeller / Impulsor               | Brass / Bronce                         | 10  | Motor Case / Cuerpo de Motor         | Aluminum / Aluminio                           | 18  | Terminal Board / Tablero de Bornes | Plastic / Plástico                   |
| 3   | Mechanical Seal / Cierre Mecánico | SiC/Carbon/SS304 / SiC-Grafito-Inox304 | 11  | Support Foot / Soporte Pie           | Plastic / Plástico                            | 19  | Impeller Key / Chaveta Impulsor    | Iron / Hierro                        |
| 4   | O-ring / Junta Tórica             | Rubber / Caucho                        | 12  | Back Cover / Tapa Trasera            | Cast iron / Fundición                         | 20  | Water Deflector / Deflector        | Rubber / Caucho                      |
| 5   | Connection / Conexión             | Cast iron / Fundición                  | 13  | Reinforced Seal / Sello Reforzado    | Rubber / Caucho                               | 21  | Release Valve / Tapón Cebado       | Brass / Bronce                       |
| 6   | Reinforced Seal / Sello Reforzado | Rubber / Caucho                        | 14  | Fan Cover / Tapa Ventilador          | Aluminum / Aluminio                           | 22  | Diffuser / Difusor                 | Cast iron / Fundición                |
| 7   | Shaft / Eje                       | SS304/45# Steel / Inox 304/45# Hierro  | 15  | Fan / Ventilador                     | Plastic / Plástico                            | 23  | Impeller Nut / Tuerca de Impulsor  | Galvanized Steel / Acero Galvanizado |
| 8   | Bearing / Rodamiento              | Ball Bearing / Bola Rodamiento         | 16  | Through Bolt / Perno                 | Steel / Acero                                 | 24  | Connection Bolt / Perno            | Steel / Acero                        |

**DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS**



| MODEL / MODELO            |                         | DIMENSIONS / DIMENSIONES mm |     |     |     |     |     |     |     |     |    |    | kg   |      |
|---------------------------|-------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|------|------|
| Single-phase / Monofásico | Three-phase / Trifásico | DN1                         | DN2 | a   | f   | h   | h1  | h2  | n   | n1  | w  | s  | 1~   | 3~   |
| 25-140/11                 | 25-140/11               | 32                          | 25  | 84  | 420 | 232 | 95  | 137 | 200 | 150 | 19 | 10 | 19.8 | 18.8 |
| 25-140/15                 | 25-140/15               | 32                          | 25  | 84  | 420 | 232 | 95  | 137 | 200 | 150 | 19 | 10 | 24   | 23   |
| 25-160/11                 | 25-160/11               | 32                          | 25  | 84  | 420 | 270 | 110 | 160 | 225 | 172 | 19 | 11 | 19.8 | 18.8 |
| 25-160/15                 | 25-160/15               | 32                          | 25  | 84  | 420 | 270 | 110 | 160 | 225 | 172 | 19 | 11 | 24.2 | 23.2 |
| 25-160/22                 | 25-160/22               | 32                          | 25  | 84  | 420 | 270 | 110 | 160 | 225 | 172 | 19 | 11 | 25.5 | 24.5 |
| 32-200/30                 | 32-200/30               | 40                          | 32  | 103 | 503 | 317 | 132 | 185 | 280 | 205 | 16 | 14 | 39   | 38   |
| -                         | 32-200/40               | 40                          | 32  | 103 | 503 | 317 | 132 | 185 | 280 | 205 | 16 | 14 | -    | 43   |
| -                         | 32-210/55               | 50                          | 32  | 108 | 565 | 352 | 155 | 197 | 300 | 246 | 16 | 14 | -    | 54   |
| -                         | 32-210/75               | 50                          | 32  | 108 | 565 | 352 | 155 | 197 | 300 | 246 | 16 | 14 | -    | 61   |
| -                         | 50-180/40-55-75         | 50                          | 50  | 108 | 565 | 352 | 155 | 197 | 300 | 246 | 16 | 14 | -    | 54   |
| -                         | 40-210/55-75            | 50                          | 40  | 108 | 565 | 352 | 155 | 197 | 300 | 246 | 16 | 14 | -    | 61   |
| -                         | 40-200/92               | 50                          | 40  | 119 | 615 | 355 | 150 | 205 | 304 | 215 | 11 | 14 | -    | 89   |
| -                         | 40-200/110              | 50                          | 40  | 119 | 615 | 355 | 150 | 205 | 304 | 215 | 11 | 14 | -    | 90   |
| -                         | 50-200/92               | 50                          | 50  | 119 | 615 | 355 | 150 | 205 | 304 | 215 | 11 | 14 | -    | 89   |
| -                         | 50-200/110              | 50                          | 50  | 119 | 615 | 355 | 150 | 205 | 304 | 215 | 11 | 14 | -    | 90   |
| -                         | 40-250/130              | 50                          | 40  | 124 | 740 | 407 | 170 | 237 | 357 | 270 | 17 | 14 | -    | 110  |
| -                         | 40-250/150              | 50                          | 40  | 124 | 740 | 407 | 170 | 237 | 357 | 270 | 17 | 14 | -    | 120  |
| -                         | 40-250/185              | 50                          | 40  | 124 | 740 | 407 | 170 | 237 | 357 | 270 | 17 | 14 | -    | 130  |
| -                         | 40-250/220              | 50                          | 40  | 124 | 740 | 407 | 170 | 237 | 357 | 270 | 17 | 14 | -    | 140  |
| -                         | 50-250/130              | 50                          | 50  | 124 | 740 | 407 | 170 | 237 | 357 | 270 | 17 | 14 | -    | 110  |
| -                         | 50-250/150              | 50                          | 50  | 124 | 740 | 407 | 170 | 237 | 357 | 270 | 17 | 14 | -    | 120  |
| -                         | 50-250/185              | 50                          | 50  | 124 | 740 | 407 | 170 | 237 | 357 | 270 | 17 | 14 | -    | 130  |
| -                         | 50-250/220              | 50                          | 50  | 124 | 740 | 407 | 170 | 237 | 357 | 270 | 17 | 14 | -    | 140  |



## PZ

### Stainless steel standard pump

*Bomba normalizada en acero inoxidable*



### NEW / NUEVO

#### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New stainless steel standard pump
  - ▶ Original design by PURITY
  - ▶ Both square motor & round motor available
  - ▶ YE3 high efficient motor, with protection IP55 class F
  - ▶ Pump case in stainless steel AISI 304
  - ▶ Impeller in stainless steel AISI 304
  - ▶ Shaft in stainless steel AISI 304
  - ▶ Quality NSK bearing, wear resistance mechanical seal
- 
- ▶ Nuevas bombas normalizadas en acero inoxidable
  - ▶ Diseño original de PURITY (Patentado)
  - ▶ Motor redondo y cuadrado disponible
  - ▶ Motor de eficiencia YE3 con Protección IP55 clase F
  - ▶ Cuerpo de bomba en inox AISI304
  - ▶ Impulsor en inox AISI304
  - ▶ Eje de la bomba en inox AISI304
  - ▶ Rodamiento de marca NSK y cierre mecánico personalizado

#### APPLICATIONS / APLICACIONES

Used for: water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural applications.

Suitable for use with clean, aggressive liquids that are chemically compatible with the materials from which the pump is made.

The pumps must be installed in enclosed places, or at least protected against inclement weather.

Utilizos: abastecimiento hídrico, instalaciones de lavado, presurización, instalaciones anti incendio, irrigación, industria, circulación del agua en instalaciones de climatización, agricultura.

Son aconsejadas para bombear líquidos agresivos limpios y químicamente compatibles con los materiales que consolidan la bomba.

La instalación se debe realizar en lugares cerrados o protegidos de la intemperie.

#### USING LIMITS / LÍMITES DE UTILIZACIÓN

Liquid temperature between **-10°C** and **+120°C**  
 Ambient temperature up to **+50°C**  
 Max. working pressure **16 bar**  
 Continuous service **S1**

Temperatura del líquido de **-10 °C** hasta **+120 °C**  
 Temperatura ambiente hasta **+50 °C**  
 Presión máxima en el cuerpo de la bomba **16 bar**  
 Funcionamiento continuo **S1**

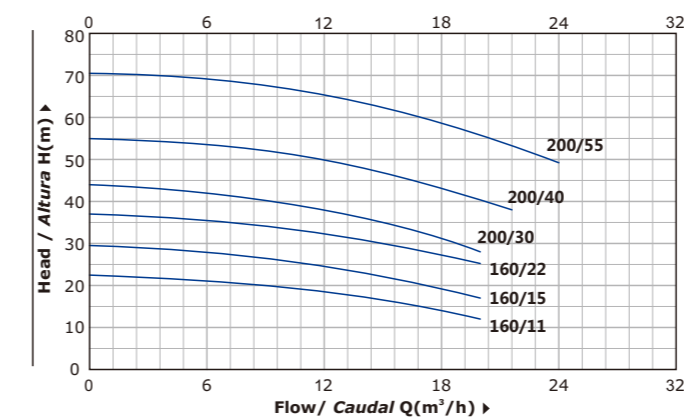
#### TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=2900 1/min

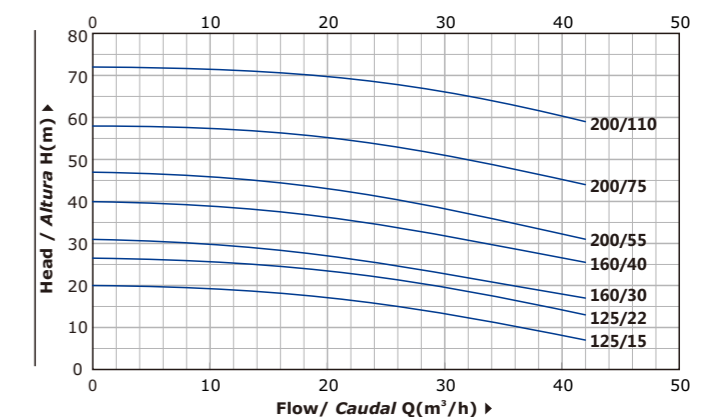
| MODEL<br>MODELO | Power<br>Potencia |      | l/min<br>m³/h | Q=DELIVERY / CAUDAL |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | DN<br>mm |        |      |
|-----------------|-------------------|------|---------------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|--------|------|
|                 | kw                | hp   |               | 0                   | 150  | 200  | 300  | 333  | 400  | 600  | 700  | 900  | 1200 | 1900 | 2100 | 2200 | 2300 | 2500 | 3400 | 3600 |          | 3800   | 4000 |
|                 |                   |      |               | 0                   | 9    | 12   | 18   | 20   | 24   | 36   | 42   | 54   | 72   | 114  | 126  | 132  | 138  | 150  | 204  | 216  |          | 228    | 240  |
| 32-160/11       | 1.1               | 1.5  | 22.5          | 19.9                | 18.4 | 14.1 | 12   |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 50x32  |      |
| 32-160/15       | 1.5               | 2    | 29.5          | 26.5                | 24.5 | 19.2 | 17   |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 50x32  |      |
| 32-160/22       | 2.2               | 3    | 37            | 34                  | 32   | 27   | 25   |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 50x32  |      |
| 32-200/30       | 3                 | 4    | 44            | 40                  | 37.5 | 31   | 28   |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 50x32  |      |
| 32-200/40       | 4                 | 5.5  | 55            | 52                  | 49.5 | 43.5 | 40.5 | 37   |      |      |      |      |      |      |      |      |      |      |      |      |          | 50x32  |      |
| 32-200/55       | 5.5               | 7.5  | 70.5          | 67.5                | 65   | 58.5 | 55   | 51   |      |      |      |      |      |      |      |      |      |      |      |      |          | 50x32  |      |
| 40-125/15       | 1.5               | 2    | 20            |                     | 19   | 17.6 | 17   | 15.7 | 10.3 | 7    |      |      |      |      |      |      |      |      |      |      |          | 65x40  |      |
| 40-125/22       | 2.2               | 3    | 26.5          |                     | 25.5 | 24   | 23.5 | 22   | 16.4 | 13   |      |      |      |      |      |      |      |      |      |      |          | 65x40  |      |
| 40-160/30       | 3                 | 4    | 31            |                     | 29.5 | 27.5 | 27   | 25.5 | 20   | 17   |      |      |      |      |      |      |      |      |      |      |          | 65x40  |      |
| 40-160/40       | 4                 | 5.5  | 40            |                     | 38.5 | 37   | 36   | 34.5 | 29   | 25.5 |      |      |      |      |      |      |      |      |      |      |          | 65x40  |      |
| 40-200/55       | 5.5               | 7.5  | 47            |                     | 45.5 | 44   | 43   | 41   | 35   | 31   |      |      |      |      |      |      |      |      |      |      |          | 65x40  |      |
| 40-200/75       | 7.5               | 10   | 58            |                     | 57   | 55.5 | 55   | 53.5 | 47.5 | 44   |      |      |      |      |      |      |      |      |      |      |          | 65x40  |      |
| 40-200/110      | 11                | 15   | 72            |                     | 71   | 70   | 70   | 68.5 | 63   | 59   |      |      |      |      |      |      |      |      |      |      |          | 65x40  |      |
| 50-125/22       | 2.2               | 3    | 19            |                     |      |      |      | 17.5 | 14.9 | 13.4 | 10.7 |      |      |      |      |      |      |      |      |      |          | 65x50  |      |
| 50-125/30       | 3                 | 4    | 22            |                     |      |      |      | 20.5 | 18.4 | 17   | 14.4 | 8    |      |      |      |      |      |      |      |      |          | 65x50  |      |
| 50-125/40       | 4                 | 5.5  | 26.5          |                     |      |      |      | 26   | 24   | 22.5 | 20.5 | 14   |      |      |      |      |      |      |      |      |          | 65x50  |      |
| 50-160/55       | 5.5               | 7.5  | 33            |                     |      |      |      | 31   | 28.5 | 27   | 24.5 | 18   |      |      |      |      |      |      |      |      |          | 65x50  |      |
| 50-160/75       | 7.5               | 10   | 40            |                     |      |      |      | 38.5 | 36   | 35   | 32.5 | 26   |      |      |      |      |      |      |      |      |          | 65x50  |      |
| 50-200/92       | 9.2               | 12.5 | 53            |                     |      |      |      | 49   | 47.5 | 44.5 | 34   |      |      |      |      |      |      |      |      |      |          | 65x50  |      |
| 50-200/110      | 11                | 15   | 59            |                     |      |      |      | 55   | 54   | 51   | 42   |      |      |      |      |      |      |      |      |      |          | 65x50  |      |
| 50-200/150      | 15                | 20   | 72            |                     |      |      |      | 69   | 68   | 65   | 57   |      |      |      |      |      |      |      |      |      |          | 65x50  |      |
| 65-125/40       | 4                 | 5.5  | 22.2          |                     |      |      |      | 19.8 | 19   | 17.3 | 13.5 | 6.3  |      |      |      |      |      |      |      |      |          | 80x65  |      |
| 65-125/55       | 5.5               | 7.5  | 27            |                     |      |      |      |      | 24   | 22.2 | 18.5 | 10.8 | 8    |      |      |      |      |      |      |      |          | 80x65  |      |
| 65-125/75       | 7.5               | 10   | 32            |                     |      |      |      |      | 29.5 | 27.8 | 24   | 16.1 | 13.4 | 12   |      |      |      |      |      |      |          | 80x65  |      |
| 65-160/92       | 9.2               | 12.5 | 36.5          |                     |      |      |      |      | 34.5 | 32.8 | 29   | 21.1 | 18.3 | 16.8 |      |      |      |      |      |      |          | 80x65  |      |
| 65-160/110      | 11                | 15   | 40.5          |                     |      |      |      |      | 38.5 | 37.1 | 33.5 | 25.8 | 23   | 21.5 | 20   |      |      |      |      |      |          | 80x65  |      |
| 65-160/150      | 15                | 20   | 48            |                     |      |      |      |      | 45.5 | 44   | 40.5 | 32.6 | 29.6 | 28   | 26.5 |      |      |      |      |      |          | 80x65  |      |
| 65-200/150      | 15                | 20   | 53.5          |                     |      |      |      |      | 51   | 49   | 44.5 | 35.3 | 31.8 | 30   |      |      |      |      |      |      |          | 80x65  |      |
| 65-200/185      | 18.5              | 25   | 60.5          |                     |      |      |      |      | 58.5 | 56.5 | 52   | 43   | 39.7 | 38   | 36.3 |      |      |      |      |      |          | 80x65  |      |
| 65-200/220      | 22                | 30   | 67            |                     |      |      |      |      | 65.5 | 64   | 60   | 51   | 48   | 46.5 | 45   |      |      |      |      |      |          | 80x65  |      |
| 80-160/110      | 11                | 15   | 29            |                     |      |      |      |      |      |      | 27.5 | 24.2 | 23   | 22.4 | 21.8 | 20.4 | 12.5 |      |      |      |          | 100x80 |      |
| 80-160/150      | 15                | 20   | 35            |                     |      |      |      |      |      |      | 34.5 | 31.5 | 30.5 | 30   | 29.4 | 28.1 | 21   | 19.1 | 17   |      |          | 100x80 |      |
| 80-160/185      | 18.5              | 25   | 40            |                     |      |      |      |      |      |      | 39.5 | 36.7 | 35.7 | 35.2 | 34.7 | 33.5 | 26.4 | 24.4 | 22.3 | 20   |          | 100x80 |      |
| 80-200/220      | 22                | 30   | 50            |                     |      |      |      |      |      |      | 48.5 | 44.5 | 43   | 42   | 41   | 39   | 27.8 | 25   |      |      |          | 100x80 |      |
| 80-200/300      | 30                | 40   | 60            |                     |      |      |      |      |      |      | 59   | 56   | 54.5 | 54   | 53   | 51   | 41.5 | 39   | 36.1 | 33   |          | 100x80 |      |
| 80-200/370      | 37                | 50   | 66            |                     |      |      |      |      |      |      | 64   | 61   | 59.5 | 59   | 58   | 56.5 | 47   | 44.5 | 41.5 | 38.5 |          | 100x80 |      |

#### PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min

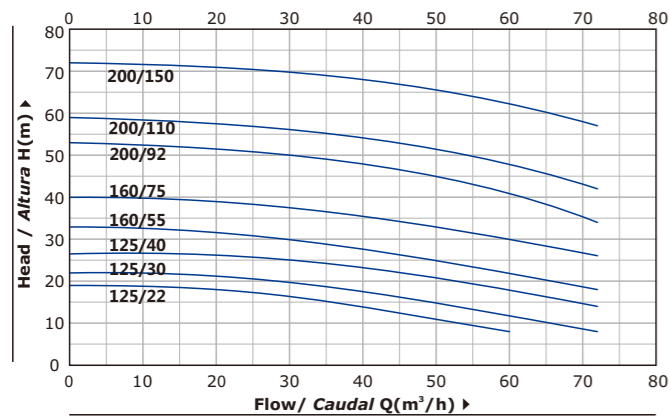


PZ 32

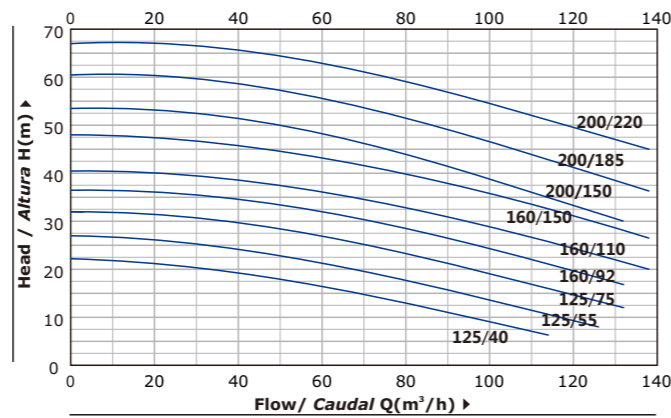


PZ 40

50 Hz n=2900 1/min

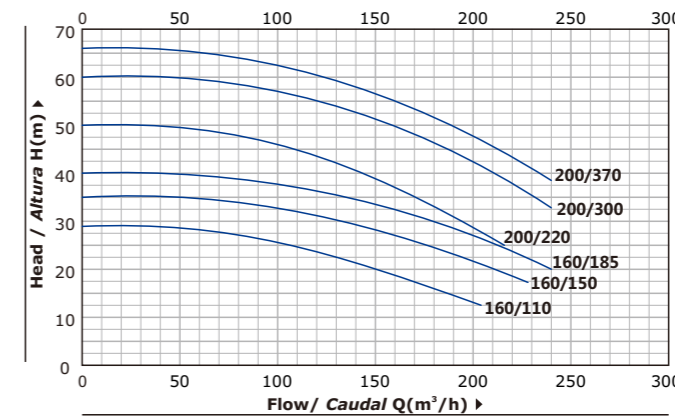


PZ 50



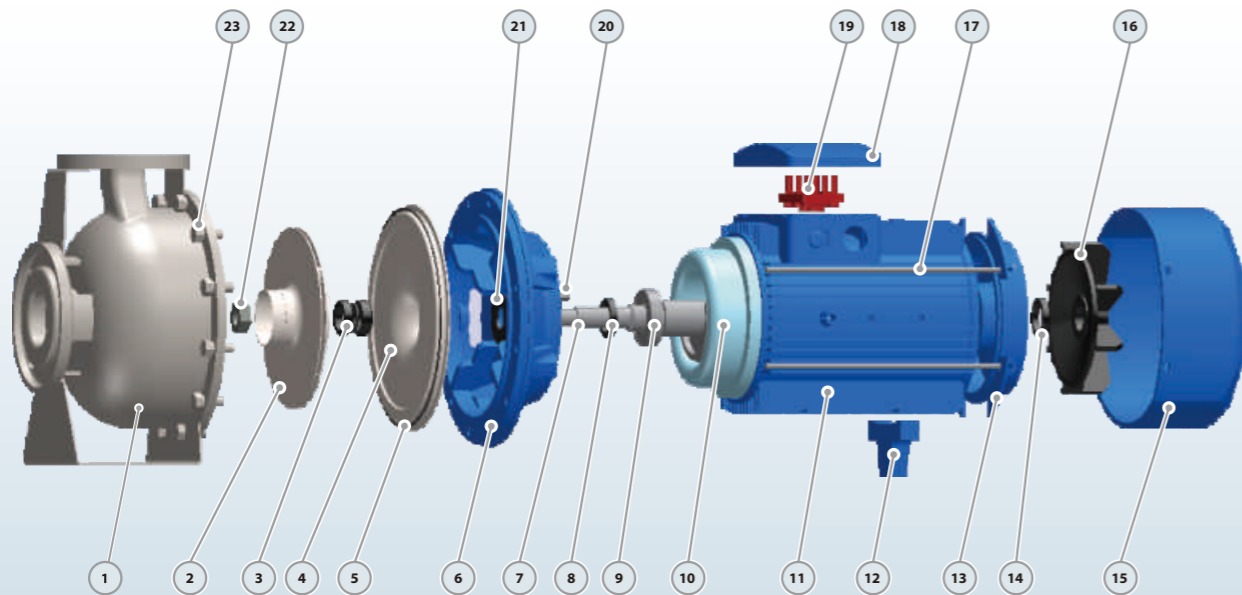
PZ 65

50 Hz n=2900 1/min



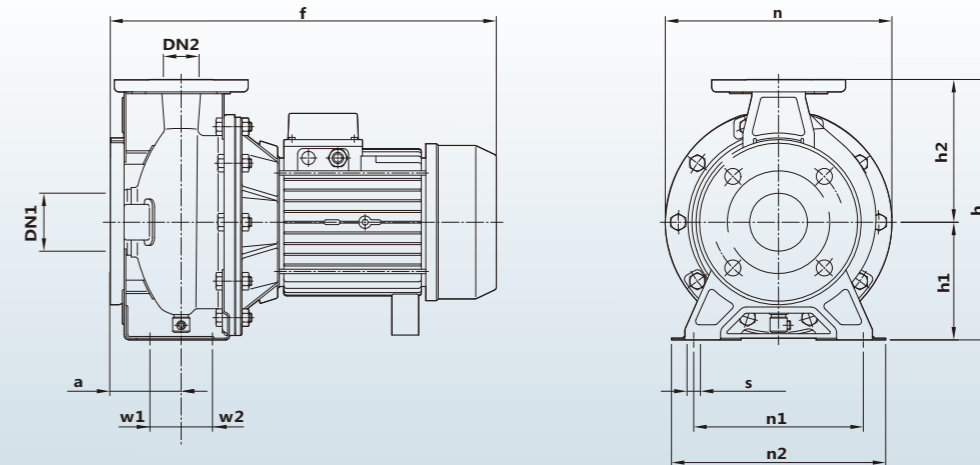
PZ 80

MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



| No. | Description<br>Descripción         | Material<br>Material                    | No. | Description<br>Descripción            | Material<br>Material                           | No. | Description<br>Descripción          | Material<br>Material                  |
|-----|------------------------------------|---|-----|---------------------------------------|--|-----|-------------------------------------|---------------------------------------|
| 1   | Pump Case<br>Cuerpo de Bomba       | SS304<br>Inox 304                       | 9   | Bearing<br>Rodamiento                 | Ball Bearing<br>Bola Rodamiento                | 17  | Through Bolt<br>Perno               | Steel<br>Acero                        |
| 2   | Impeller<br>Impulsor               | SS304<br>Inox 304                       | 10  | Wound Stator/Rotor<br>Estator / Rotor | Silicon Steel/Copper<br>Acero al Silicio/Cobre | 18  | Terminal Box<br>Caja de Bornes      | Aluminum<br>Aluminio                  |
| 3   | Mechanical Seal<br>Cierre Mecánico | SiC/Carbon/SS304<br>SiC-Grafito-Inox304 | 11  | Motor Case<br>Cuerpo de Motor         | Aluminum<br>Aluminio                           | 19  | Terminal Board<br>Tablero de Bornes | Plastic<br>Plástico                   |
| 4   | Baffle Plate<br>Placa de baffle    | SS304<br>Inox 304                       | 12  | Support Foot<br>Soporte Pie           | Plastic<br>Plástico                            | 20  | Impeller Key<br>Chaveta Impulsor    | Iron<br>Hierro                        |
| 5   | O-ring<br>Junta Tórica             | Rubber<br>Caucho                        | 13  | Back Cover<br>Tapa Trasera            | Cast iron<br>Fundición                         | 21  | Water Deflector<br>Deflector        | Rubber<br>Caucho                      |
| 6   | Connection<br>Conexión             | Cast iron<br>Fundición                  | 14  | Reinforced Seal<br>Sello Reforzado    | Rubber<br>Caucho                               | 22  | Impeller Nut<br>Tuerca de Impulsor  | Galvanized Steel<br>Acero Galvanizado |
| 7   | Shaft<br>Eje                       | SS304<br>Inox 304                       | 15  | Fan Cover<br>Tapa Ventilador          | Aluminum<br>Aluminio                           | 23  | Connection Bolt<br>Perno            | Steel<br>Acero                        |
| 8   | Reinforced Seal<br>Sello Reforzado | Rubber<br>Caucho                        | 16  | Fan<br>Ventilador                     | Plastic<br>Plástico                            |     |                                     |                                       |

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



| MODEL / MODELO             |                          | DIMENSIONS / DIMENSIONES mm |     |     |     |     |     |     |     |     |     |    |    |    | kg        |           |
|----------------------------|--------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----------|-----------|
| Single-phase<br>Monofásico | Three-phase<br>Trifásico | DN1                         | DN2 | a   | f   | h   | h1  | h2  | n   | n1  | n2  | w1 | w2 | s  | 1~        | 3~        |
| 32-160/11-15               | 32-160/11-15             | 50                          | 32  | 100 | 493 | 306 | 150 | 156 | 235 | 148 | 175 | 60 | 31 | 15 | 20.6/23.5 | 19.6/22.5 |
| 32-160/22                  | 32-160/22                | 50                          | 32  | 100 | 493 | 306 | 150 | 156 | 235 | 148 | 175 | 60 | 31 | 15 | 25.6      | 24.6      |
| 32-200/30                  | 32-200/30-40             | 50                          | 32  | 100 | 538 | 306 | 150 | 156 | 235 | 148 | 175 | 60 | 31 | 15 | 33.8      | 32.8/39.5 |
| -                          | 32-200/55                | 50                          | 32  | 100 | 538 | 306 | 150 | 156 | 235 | 148 | 175 | 60 | 31 | 15 | -         | 48.5      |
| 40-125/15-22               | 40-125/15-22             | 65                          | 40  | 100 | 493 | 306 | 150 | 156 | 235 | 148 | 175 | 60 | 31 | 15 | 21.1/23.7 | 20.1/22.7 |
| 40-160/30                  | 40-160/30-40             | 65                          | 40  | 105 | 542 | 340 | 160 | 180 | 278 | 148 | 175 | 60 | 31 | 15 | 29        | 28/35.1   |
| -                          | 40-200/55-75             | 65                          | 40  | 105 | 584 | 340 | 160 | 180 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 48.8/56.2 |
| -                          | 40-200/110               | 65                          | 40  | 105 | 650 | 340 | 160 | 180 | 235 | 148 | 175 | 60 | 31 | 15 | -         | 67.5      |
| 50-125/22                  | 50-125/22                | 65                          | 50  | 100 | 428 | 340 | 160 | 180 | 235 | 148 | 175 | 60 | 31 | 15 | 29.1      | 28.1      |
| 50-125/30                  | 50-125/30-40             | 65                          | 50  | 100 | 493 | 340 | 160 | 180 | 278 | 148 | 175 | 60 | 31 | 15 | 29.6      | 28.6/35.2 |
| -                          | 50-160/55-75             | 65                          | 50  | 105 | 584 | 340 | 160 | 180 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 49.1/55.5 |
| -                          | 50-200/92-110            | 65                          | 50  | 105 | 650 | 365 | 185 | 180 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 61.7/67.5 |
| -                          | 50-200/150               | 65                          | 50  | 105 | 768 | 365 | 185 | 180 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 96        |
| -                          | 65-125/40                | 80                          | 65  | 100 | 584 | 340 | 160 | 180 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 40        |
| -                          | 65-125/55-75             | 80                          | 65  | 100 | 584 | 340 | 160 | 180 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 52/58.5   |
| -                          | 65-160/92-110            | 80                          | 65  | 113 | 675 | 345 | 160 | 185 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 67/75.6   |
| -                          | 65-160/150               | 80                          | 65  | 113 | 732 | 345 | 160 | 185 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 93        |
| -                          | 65-200/150-185           | 80                          | 65  | 113 | 793 | 370 | 185 | 185 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 114/127   |
| -                          | 65-200/220               | 80                          | 65  | 113 | 793 | 370 | 185 | 185 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 136       |
| -                          | 80-160/110               | 100                         | 80  | 125 | 700 | 400 | 180 | 220 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 85        |
| -                          | 80-160/150-185           | 100                         | 80  | 125 | 870 | 400 | 180 | 220 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 119/135   |
| -                          | 80-200/220               | 100                         | 80  | 125 | 915 | 450 | 200 | 250 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 185       |
| -                          | 80-200/300-370           | 100                         | 80  | 125 | 985 | 450 | 200 | 250 | 278 | 148 | 175 | 60 | 31 | 15 | -         | 265/285   |



**PT**  
**Vertical inline pump**  
**Bomba vertical en-linea**



**NEW / NUEVO**

**TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS**

- ▶ New vertical inline pump
  - ▶ Original design by PURITY (patented)
  - ▶ Both square motor & round motor available
  - ▶ YE3 high efficient motor, with protection IP55 class F
  - ▶ Pump case with anti-corrosive coating
  - ▶ Impeller in stainless steel AISI 304 or cast iron
  - ▶ Shaft in stainless steel AISI 304 or galvanized iron
  - ▶ Galvanized counter flange with bolts, nuts and gaskets
  - ▶ Quality NSK bearing, wear resistance mechanical seal
- ▶ Nuevas bombas vertical en-linea
  - ▶ Diseño original de PURITY (Patentado)
  - ▶ Motor redondo y cuadrado disponible
  - ▶ Motor de eficiencia YE3 con Protección IP55 clase F
  - ▶ Cuerpo de bomba con tratamiento anti-corrosión
  - ▶ Impulsor en inox AISI304 o fundición de hierro
  - ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
  - ▶ Contrabridas galvanizado con pernos, tuercas y empaques
  - ▶ Rodamiento de marca NSK y cierre mecánico personalizado

**APPLICATIONS / APLICACIONES**

- ▶ Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The vertical inline pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.
- ▶ Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba. Las Bombas vertical en-linea diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, contra-incendio, riego, industria, circulación del agua, agricultura.

**USING LIMITS / LÍMITES DE UTILIZACIÓN**

- ▶ Liquid temperature between **-10°C** and **+120°C**  
 Ambient temperature up to **+50°C**  
 Max. working pressure **16 bar**  
 Continuous service **S1**
- ▶ Temperatura del líquido de **-10 °C** hasta **+120 °C**  
 Temperatura ambiente hasta **+50 °C**  
 Presión máxima en el cuerpo de la bomba **16 bar**  
 Funcionamiento continuo **S1**

**PATENTS / PATENTES**

- ▶ Registered model PT  
 Registered Patent Design n° 201530478501.6
- ▶ Registrado modelo PT  
 Registrado patente diseño n° 201530478501.6

**TECHNICAL DATA / DATOS TÉCNICOS**

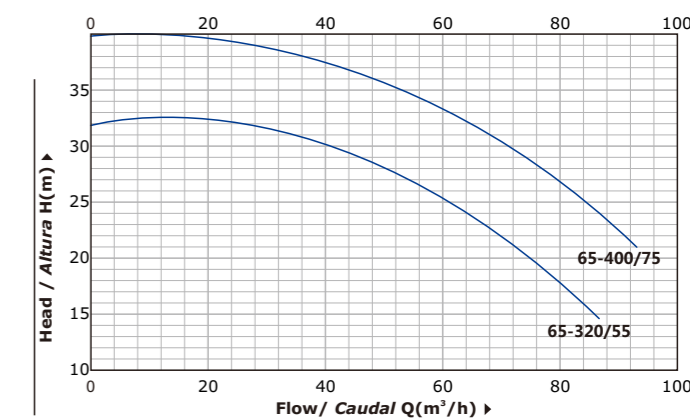
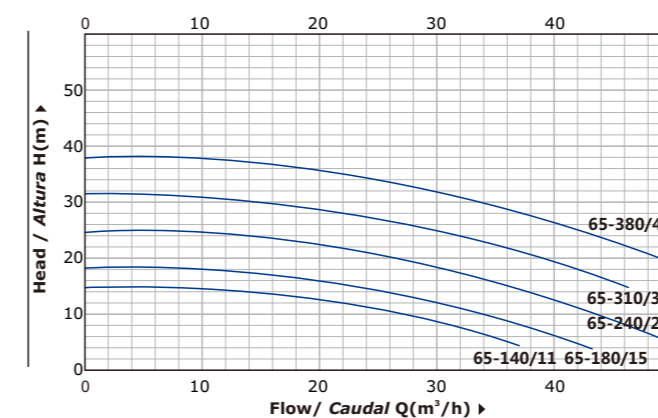
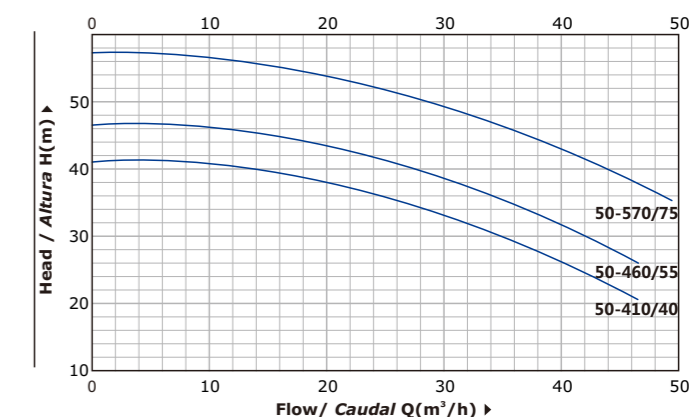
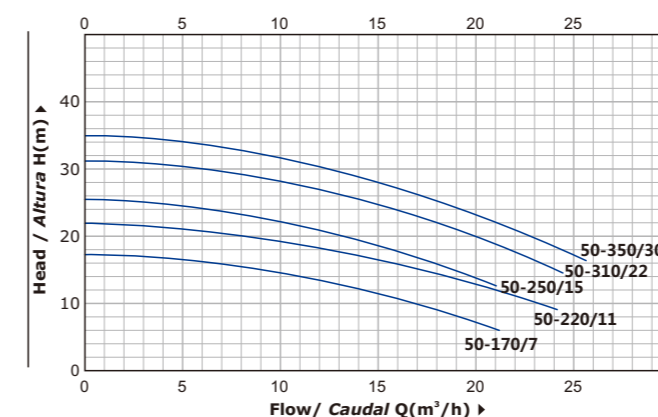
50 Hz n=2900 1/min

| MODEL<br>MODELO | Power<br>Potencia |      | l/min<br>m³/h | Q=DELIVERY / CAUDAL |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | DN<br>mm |       |         |      |         |         |         |
|-----------------|-------------------|------|---------------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|-------|---------|------|---------|---------|---------|
|                 | kw                | hp   |               | 0                   | 100  | 150  | 250  | 300  | 400  | 450  | 600  | 700  | 800  | 900  | 1200 | 1400 | 1500 | 1800 | 2000 | 2300 |          | 3000  | 3500    |      |         |         |         |
|                 |                   |      |               | 0                   | 6    | 9    | 15   | 18   | 24   | 27   | 36   | 42   | 48   | 54   | 72   | 84   | 90   | 108  | 120  | 138  |          | 180   | 210     |      |         |         |         |
| 50-170/7 *      | 0.75              | 1    | 17.5          | 16.7                | 15   | 12   | 9    |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 50x50 |         |      |         |         |         |
| 50-220/11*      | 1.1               | 1.5  | 22            | 21                  | 19.7 | 16.5 | 14.5 | 9    |      |      |      |      |      |      |      |      |      |      |      |      |          | 50x50 |         |      |         |         |         |
| 50-250/15*      | 1.5               | 2    | 25.4          | 23.7                | 22.5 | 18.5 | 15.8 |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 50x50 |         |      |         |         |         |
| 50-310/22*      | 2.2               | 3    | 31            | 29.6                | 28.5 | 24.5 | 22   | 15   |      |      |      |      |      |      |      |      |      |      |      |      |          | 50x50 |         |      |         |         |         |
| 50-350/30*      | 3                 | 4    | 35            | 34.3                | 34   | 28   | 25.5 | 19   | 15   |      |      |      |      |      |      |      |      |      |      |      |          | 50x50 |         |      |         |         |         |
| 50-410/40*      | 4                 | 5.5  | 41            |                     |      |      | 38.5 | 36.2 | 35   | 30   | 25   |      |      |      |      |      |      |      |      |      |          | 50x50 |         |      |         |         |         |
| 50-460/55*      | 5.5               | 7.5  | 46            |                     |      |      | 43.8 | 41.3 | 40.1 | 35   | 30   |      |      |      |      |      |      |      |      |      |          | 50x50 |         |      |         |         |         |
| 50-570/75*      | 7.5               | 10   | 57            |                     |      |      | 53.6 | 51.5 | 50   | 45   | 41   | 36.5 |      |      |      |      |      |      |      |      |          | 50x50 |         |      |         |         |         |
| 65-140/11       | 1.1               | 1.5  | 14.7          |                     |      |      | 13.5 | 11.5 | 10.1 | 5.8  |      |      |      |      |      |      |      |      |      |      |          | 65x65 |         |      |         |         |         |
| 65-180/15       | 1.5               | 2    | 18.1          |                     |      |      | 17   | 15   | 13.9 | 9.6  | 6    |      |      |      |      |      |      |      |      |      |          | 65x65 |         |      |         |         |         |
| 65-240/22       | 2.2               | 3    | 24.5          |                     |      |      | 23.2 | 21.5 | 20.2 | 16   | 13   | 8.3  |      |      |      |      |      |      |      |      |          | 65x65 |         |      |         |         |         |
| 65-310/30       | 3                 | 4    | 31.8          |                     |      |      | 29.5 | 27.5 | 26.3 | 21.5 | 17.5 |      |      |      |      |      |      |      |      |      |          | 65x65 |         |      |         |         |         |
| 65-380/40       | 4                 | 5.5  | 38            |                     |      |      | 36   | 34   | 33   | 28.5 | 25   | 20.1 |      |      |      |      |      |      |      |      |          | 65x65 |         |      |         |         |         |
| 65-320/55       | 5.5               | 7.5  | 32            |                     |      |      |      |      |      | 30.6 | 30   | 28   | 26.6 | 20.5 | 14.8 |      |      |      |      |      |          | 65x65 |         |      |         |         |         |
| 65-400/75       | 7.5               | 10   | 40            |                     |      |      |      |      |      | 38   | 37   | 36   | 34.4 | 29   | 24   | 21   |      |      |      |      |          | 65x65 |         |      |         |         |         |
| 80-190/40       | 4                 | 5.5  | 19            |                     |      |      |      |      |      |      |      |      | 17.3 | 16.8 | 14.5 | 13   | 11.8 |      |      |      |          | 80x80 |         |      |         |         |         |
| 80-230/55       | 5.5               | 7.5  | 23            |                     |      |      |      |      |      |      |      |      | 21.3 | 20.9 | 19   | 17.5 | 16.7 | 13.7 |      |      |          | 80x80 |         |      |         |         |         |
| 80-270/75       | 7.5               | 10   | 27            |                     |      |      |      |      |      |      |      |      | 26   | 25.6 | 24.5 | 23   | 22.5 | 20   | 18   |      |          | 80x80 |         |      |         |         |         |
| 80-330/92       | 9.2               | 12.5 | 33            |                     |      |      |      |      |      |      |      |      |      | 31.5 | 30   | 28   | 27.1 | 24   | 21.5 |      |          | 80x80 |         |      |         |         |         |
| 80-360/110      | 11                | 15   | 36            |                     |      |      |      |      |      |      |      |      |      |      | 34.5 | 33   | 31.5 | 30.8 | 28   | 25.5 |          | 80x80 |         |      |         |         |         |
| 80-420/150      | 15                | 20   | 42            |                     |      |      |      |      |      |      |      |      |      |      |      | 41   | 40   | 38.5 | 37.8 | 35   | 33       | 29.5  | 80x80   |      |         |         |         |
| 100-270/110     | 11                | 15   | 27            |                     |      |      |      |      |      |      |      |      |      |      |      |      |      | 27.3 | 26   | 24.5 | 22.5     | 16    | 100x100 |      |         |         |         |
| 100-320/150     | 15                | 20   | 32.8          |                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 32.5 | 31.3 | 30.2     | 28.5  | 22.1    | 16.7 | 100x100 |         |         |
| 100-390/185     | 18.5              | 25   | 39            |                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 38   | 36.8     | 36.7  | 33.8    | 28.8 | 23.5    | 100x100 |         |
| 100-480/220     | 22                | 30   | 48            |                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 47.5     | 45.5  | 43.5    | 41   | 32.5    | 24.5    | 100x100 |
| 100-600/300     | 30                | 40   | 60            |                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 59.5     | 58    | 57      | 54.5 | 47      | 40.5    | 100x100 |

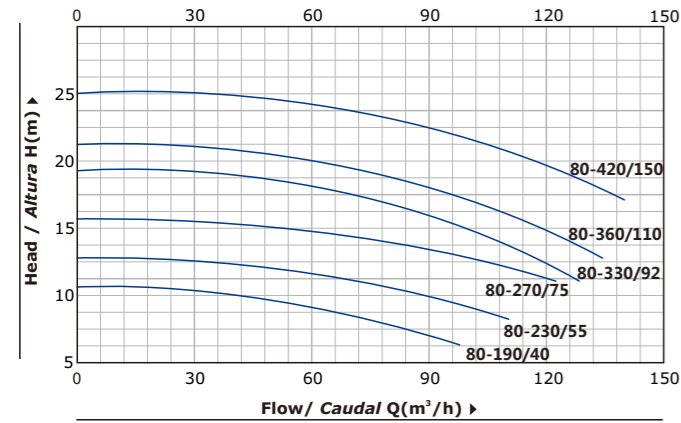
★=Stainless steel impeller / Impulsor en inox

**PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO**

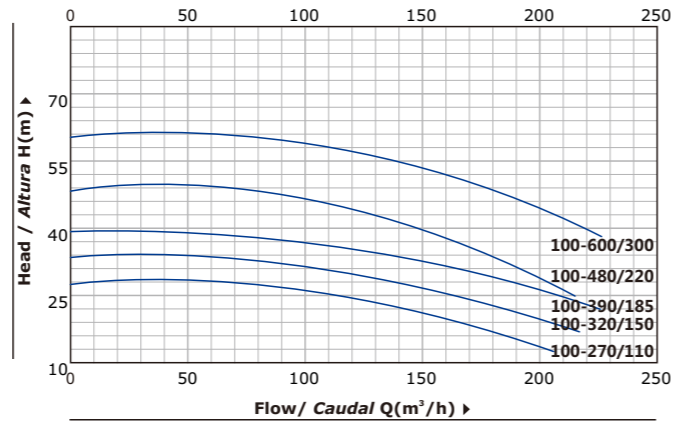
50 Hz n=2900 1/min



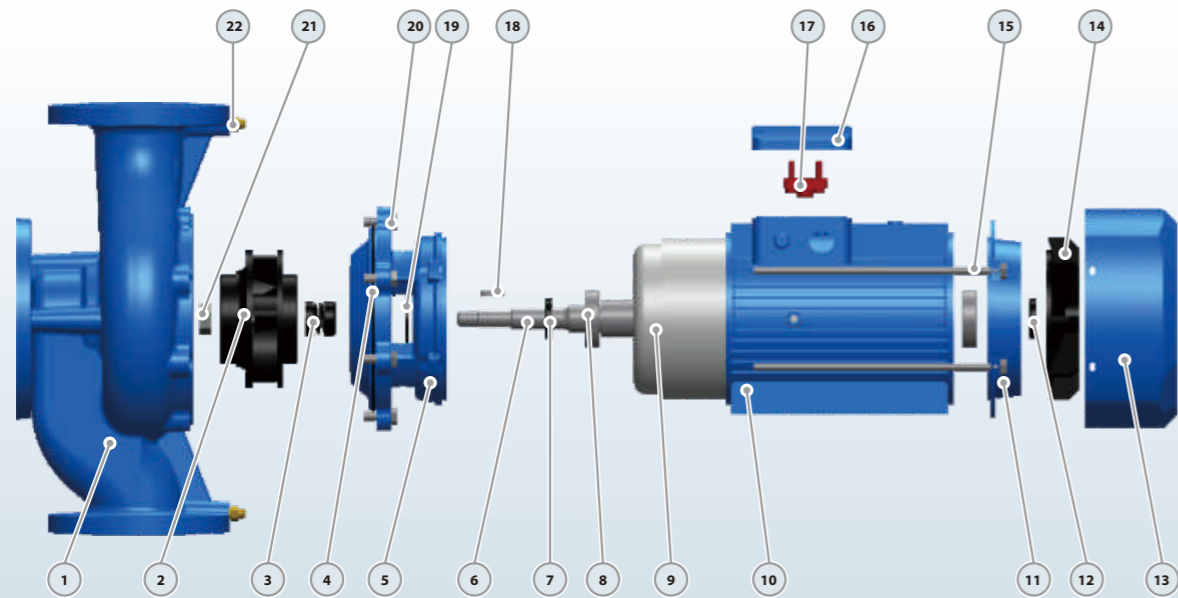
PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO



50 Hz n=2900 1/min

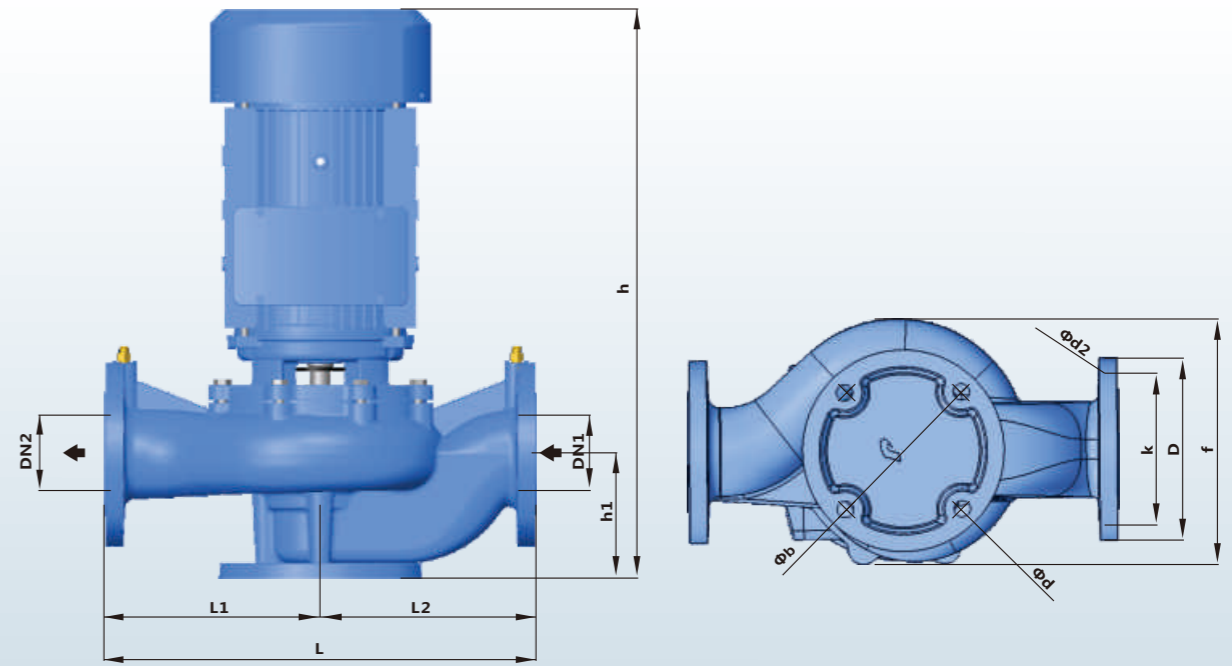


MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



| No. | Description / Descripción         | Material / Material                    | No. | Description / Descripción            | Material / Material                           | No. | Description / Descripción          | Material / Material                  |
|-----|-----------------------------------|--|-----|--------------------------------------|---|-----|------------------------------------|--------------------------------------|
| 1   | Pump Case / Cuerpo de Bomba       | Cast iron / Fundición                  | 9   | Wound Stator/Rotor / Estator / Rotor | Silicon Steel/Copper / Acero al Silicio/Cobre | 17  | Terminal Board / Tablero de Bornes | Plastic / Plástico                   |
| 2   | Impeller / Impulsor               | SS304/Cast iron / Inox 304/Fundición   | 10  | Motor Case / Cuerpo de Motor         | Aluminum / Aluminio                           | 18  | Impeller Key / Chaveta Impulsor    | Iron / Hierro                        |
| 3   | Mechanical Seal / Cierre Mecánico | SiC/Carbon/SS304 / SiC-Grafito-Inox304 | 11  | Back Cover / Tapa Trasera            | Cast iron / Fundición                         | 19  | Water Deflector / Deflector        | Rubber / Caucho                      |
| 4   | O-ring / Junta Tórica             | Rubber / Caucho                        | 12  | Reinforced Seal / Sello Reforzado    | Rubber / Caucho                               | 20  | Connection Bolt / Perno            | Steel / Acero                        |
| 5   | Connection / Conexión             | Cast iron / Fundición                  | 13  | Fan Cover / Tapa Ventilador          | Aluminum / Aluminio                           | 21  | Impeller Nut / Tuerca de Impulsor  | Galvanized Steel / Acero Galvanizado |
| 6   | Shaft / Eje                       | SS304/45# Steel / Inox 304/45# Hierro  | 14  | Fan / Ventilador                     | Plastic / Plástico                            | 22  | Release Valve / Tapón Cebado       | Brass / Bronce                       |
| 7   | Reinforced Seal / Sello Reforzado | Rubber / Caucho                        | 15  | Through Bolt / Perno                 | Steel / Acero                                 |     |                                    |                                      |
| 8   | Bearing / Rodamiento              | Ball Bearing / Bola Rodamiento         | 16  | Terminal Box / Caja de Bornes        | Aluminum / Aluminio                           |     |                                    |                                      |

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



| MODEL / MODELO | DIMENSIONS / DIMENSIONES mm |     |     |     |     |     |     |    |     |     |     |     | kg   |    |     |
|----------------|-----------------------------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|------|----|-----|
|                | DN1                         | DN2 | h   | h1  | L   | b   | f   | d  | L1  | L2  | D   | K   | d2   | 1~ | 3~  |
| 50-170/7       | 50                          | 50  | 475 | 115 | 340 | 145 | 197 | 18 | 170 | 170 | 165 | 125 | 4*18 | 26 | 24  |
| 50-220/11      | 50                          | 50  | 475 | 115 | 340 | 145 | 197 | 18 | 170 | 170 | 165 | 125 | 4*18 | 27 | 25  |
| 50-250/15      | 50                          | 50  | 450 | 100 | 322 | 145 | 229 | 18 | 161 | 161 | 165 | 125 | 4*18 | 36 | 34  |
| 50-310/22      | 50                          | 50  | 450 | 100 | 322 | 145 | 229 | 18 | 161 | 161 | 165 | 125 | 4*18 | 41 | 39  |
| 50-350/30      | 50                          | 50  | 480 | 100 | 322 | 145 | 229 | 18 | 161 | 161 | 165 | 125 | 4*18 | 52 | 50  |
| 50-410/40      | 50                          | 50  | 485 | 115 | 440 | 160 | 277 | 18 | 220 | 220 | 165 | 125 | 4*18 | -  | 59  |
| 50-460/55      | 50                          | 50  | 485 | 115 | 440 | 160 | 277 | 18 | 220 | 220 | 165 | 125 | 4*18 | -  | 66  |
| 50-570/75      | 50                          | 50  | 485 | 115 | 440 | 160 | 277 | 18 | 220 | 220 | 165 | 125 | 4*18 | -  | 73  |
| 65-140/11      | 65                          | 65  | 465 | 105 | 360 | 145 | 212 | 18 | 180 | 180 | 185 | 145 | 4*18 | 29 | 27  |
| 65-180/15      | 65                          | 65  | 465 | 105 | 360 | 145 | 212 | 18 | 180 | 180 | 185 | 145 | 4*18 | 31 | 29  |
| 65-240/22      | 65                          | 65  | 465 | 105 | 360 | 145 | 212 | 18 | 180 | 180 | 185 | 145 | 4*18 | 36 | 34  |
| 65-310/30      | 65                          | 65  | 530 | 112 | 400 | 160 | 250 | 18 | 200 | 200 | 185 | 145 | 4*18 | 50 | 48  |
| 65-380/40      | 65                          | 65  | 530 | 112 | 400 | 160 | 250 | 18 | 200 | 200 | 185 | 145 | 4*18 | -  | 50  |
| 65-320/55      | 65                          | 65  | 583 | 112 | 400 | 160 | 263 | 18 | 200 | 200 | 185 | 145 | 4*18 | -  | 64  |
| 65-400/75      | 65                          | 65  | 583 | 112 | 400 | 160 | 263 | 18 | 200 | 200 | 185 | 145 | 4*18 | -  | 71  |
| 80-190/40      | 80                          | 80  | 615 | 135 | 470 | 180 | 267 | 18 | 235 | 235 | 200 | 160 | 8*18 | -  | 56  |
| 80-230/55      | 80                          | 80  | 615 | 135 | 470 | 180 | 267 | 18 | 235 | 235 | 200 | 160 | 8*18 | -  | 68  |
| 80-270/75      | 80                          | 80  | 615 | 135 | 470 | 180 | 267 | 18 | 235 | 235 | 200 | 160 | 8*18 | -  | 74  |
| 80-330/92      | 80                          | 80  | 658 | 135 | 470 | 200 | 290 | 18 | 235 | 235 | 200 | 160 | 8*18 | -  | 90  |
| 80-360/110     | 80                          | 80  | 658 | 135 | 470 | 200 | 290 | 18 | 235 | 235 | 200 | 160 | 8*18 | -  | 106 |
| 80-420/150     | 80                          | 80  | 780 | 135 | 470 | 200 | 290 | 18 | 235 | 235 | 200 | 160 | 8*18 | -  | 134 |
| 100-270/110    | 100                         | 100 | 685 | 160 | 552 | 220 | 310 | 18 | 276 | 276 | 220 | 180 | 8*18 | -  | 113 |
| 100-320/150    | 100                         | 100 | 807 | 160 | 552 | 220 | 310 | 18 | 276 | 276 | 220 | 180 | 8*18 | -  | 143 |
| 100-390/185    | 100                         | 100 | 807 | 160 | 552 | 220 | 310 | 18 | 276 | 276 | 220 | 180 | 8*18 | -  | 150 |
| 100-480/220    | 100                         | 100 | 880 | 160 | 552 | 220 | 322 | 18 | 276 | 276 | 220 | 180 | 8*18 | -  | 212 |
| 100-600/300    | 100                         | 100 | 950 | 160 | 552 | 220 | 322 | 18 | 276 | 276 | 220 | 180 | 8*18 | -  | 222 |





## PG

### Single suction centrifugal pump Bomba centrífuga de sola succión



PGL



PGW



PGWB  
WITH EX MOTOR

## NEW / NUEVO

### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New centrifugal pump
- ▶ Original design by PURITY (patented)
- ▶ YE3 high efficient motor, with protection IP55 class F
- ▶ Pump case with anti-corrosive coating
- ▶ Impeller in stainless steel AISI 304 or cast iron
- ▶ Shaft in stainless steel AISI 304 or galvanized iron
- ▶ Quality bearing, wear resistance mechanical seal
- ▶ Nuevas bombas centrífugas
- ▶ Diseño original de PURITY (Patentado)
- ▶ Motor de eficiencia YE3 con Protección IP55 clase F
- ▶ Cuerpo de bomba con tratamiento anti-corrosión
- ▶ Impulsor en inox AISI304 o fundición de hierro
- ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
- ▶ Rodamiento de calidad y cierre mecánico personalizado

### APPLICATIONS / APLICACIONES

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

*Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.*

*Las Bombas centrífugas diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, anti incendio, riego, industria, circulación del agua, agricultura.*

### USING LIMITS / LÍMITES DE UTILIZACIÓN

- Liquid temperature between **-10°C** and **+120°C**
- Ambient temperature up to **+50°C**
- Max. working pressure **16 bar**
- Continuous service **S1**
- Temperatura del líquido de **-10 °C** hasta **+120 °C**
- Temperatura ambiente hasta **+50 °C**
- Presión máxima en el cuerpo de la bomba **16 bar**
- Funcionamiento continuo **S1**

### TECHNICAL DATA / DATOS TÉCNICOS

| MODELO<br>MODELO | Power<br>Potencia |     | Flow<br>Caudal | Head<br>Altura | DN    | Wt  | Dim      |
|------------------|-------------------|-----|----------------|----------------|-------|-----|----------|
|                  | kw                | hp  |                |                |       |     |          |
| 25-125           | 0.75              | 1   | 4              | 20             | 25x25 | 28  | 26x23x43 |
| 25-125A          | 0.75              | 1   | 3.6            | 16             | 25x25 | 27  | 26x23x43 |
| 25-160           | 1.5               | 2   | 4              | 32             | 25x25 | 39  | 30x27x43 |
| 25-160A          | 1.1               | 1.5 | 3.7            | 28             | 25x25 | 34  | 30x27x43 |
| 32-125           | 0.75              | 1   | 5              | 20             | 32x32 | 28  | 26x23x44 |
| 32-125A          | 0.75              | 1   | 4.5            | 16             | 32x32 | 28  | 26x23x44 |
| 32-160           | 1.5               | 2   | 4.5            | 32             | 32x32 | 39  | 32x27x50 |
| 32-160A          | 1.1               | 1.5 | 4              | 28             | 32x32 | 38  | 32x27x41 |
| 32-200           | 3                 | 4   | 4.5            | 50             | 32x32 | 55  | 34x33x54 |
| 32-200A          | 2.2               | 3   | 4              | 44             | 32x32 | 74  | 34x33x54 |
| 40-100           | 0.75              | 1   | 6.3            | 12.5           | 40x40 | 32  | 26x23x44 |
| 40-125           | 1.1               | 1.5 | 6.3            | 20             | 40x40 | 34  | 26x23x44 |
| 40-125A          | 0.75              | 1   | 5.6            | 16             | 40x40 | 33  | 28x23x44 |
| 40-160           | 2.2               | 3   | 6.3            | 32             | 40x40 | 47  | 32x27x50 |
| 40-160A          | 1.5               | 2   | 5.9            | 28             | 40x40 | 43  | 32x27x50 |
| 40-160B          | 1.1               | 1.5 | 5.5            | 24             | 40x40 | 38  | 32x27x50 |
| 40-200           | 4                 | 5.5 | 6.3            | 50             | 40x40 | 74  | 34x33x56 |
| 40-200A          | 3                 | 4   | 5.9            | 44             | 40x40 | 62  | 34x33x56 |
| 40-200B          | 2.2               | 3   | 3.7            | 38             | 40x40 | 52  | 34x33x56 |
| 40-250           | 7.5               | 10  | 6.3            | 80             | 40x40 | 105 | 40x40x63 |
| 40-250A          | 5.5               | 7.5 | 5.9            | 70             | 40x40 | 98  | 40x40x63 |
| 40-250B          | 4                 | 5.5 | 5.5            | 60             | 40x40 | 77  | 40x40x56 |
| 40-100(I)        | 1.1               | 1.5 | 12.5           | 12.5           | 40x40 | 34  | 30x23x45 |
| 40-100(I)A       | 0.75              | 1   | 11             | 10             | 40x40 | 32  | 30x23x45 |
| 40-125(I)        | 1.5               | 2   | 12.5           | 20             | 40x40 | 38  | 30x24x46 |
| 40-125(I)A       | 1.1               | 1.5 | 11             | 16             | 40x40 | 33  | 30x24x45 |
| 40-160(I)        | 3                 | 4   | 12.5           | 32             | 40x40 | 56  | 34x30x55 |
| 40-160(I)A       | 2.2               | 3   | 11.7           | 28             | 40x40 | 47  | 34x30x51 |
| 40-200(I)        | 5.5               | 7.5 | 12.5           | 50             | 40x40 | 85  | 36x35x63 |
| 40-200(I)A       | 4                 | 5.5 | 11.7           | 44             | 40x40 | 75  | 36x35x57 |
| 40-200(I)B       | 3                 | 4   | 10.6           | 36             | 40x40 | 63  | 36x35x55 |
| 40-250(I)        | 11                | 15  | 12.5           | 80             | 40x40 | 145 | 45x43x78 |
| 40-250(I)A       | 7.5               | 10  | 11.6           | 70             | 40x40 | 95  | 45x36x65 |
| 40-250(I)B       | 7.5               | 10  | 10.8           | 60             | 40x40 | 94  | 45x36x65 |
| 50-100           | 1.1               | 1.5 | 12.5           | 12.5           | 50x50 | 36  | 29x23x45 |
| 50-100A          | 0.75              | 1   | 11             | 10             | 50x50 | 35  | 29x23x45 |
| 50-125           | 1.5               | 2   | 12.5           | 20             | 50x50 | 43  | 30x24x46 |
| 50-125A          | 1.1               | 1.5 | 11             | 16             | 50x50 | 38  | 30x24x45 |
| 50-160           | 3                 | 4   | 12.5           | 32             | 50x50 | 59  | 32x30x55 |
| 50-160A          | 2.2               | 3   | 11.7           | 28             | 50x50 | 51  | 32x30x51 |
| 50-160B          | 1.5               | 2   | 10.4           | 22             | 50x50 | 47  | 32x40x49 |
| 50-200           | 5.5               | 7.5 | 12.5           | 50             | 50x50 | 101 | 36x35x63 |
| 50-200A          | 4                 | 5.5 | 11.7           | 44             | 50x50 | 80  | 36x35x57 |
| 50-200B          | 3                 | 4   | 10.6           | 36             | 50x50 | 68  | 36x35x55 |
| 50-250           | 11                | 15  | 12.5           | 80             | 50x50 | 160 | 44x43x78 |
| 50-250A          | 7.5               | 10  | 11.6           | 70             | 50x50 | 115 | 44x43x65 |
| 50-250B          | 7.5               | 10  | 10.8           | 60             | 50x50 | 114 | 44x36x65 |
| 50-100(I)        | 1.5               | 2   | 25             | 12.5           | 50x50 | 41  | 32x23x48 |
| 50-100(I)A       | 1.1               | 1.5 | 22.3           | 10             | 50x50 | 36  | 32x23x46 |
| 50-125(I)        | 3                 | 4   | 25             | 20             | 50x50 | 56  | 34x28x55 |
| 50-125(I)A       | 2.2               | 3   | 22.3           | 16             | 50x50 | 48  | 34x28x52 |

50 Hz n=2900 1/min

| MODELO<br>MODELO | Power<br>Potencia |     | Flow<br>Caudal | Head<br>Altura | DN    | Wt  | Dim       |
|------------------|-------------------|-----|----------------|----------------|-------|-----|-----------|
|                  | kw                | hp  |                |                |       |     |           |
| 50-160(I)        | 4                 | 5.5 | 25             | 32             | 50x50 | 72  | 36x30x57  |
| 50-160(I)A       | 4                 | 5.5 | 23.4           | 28             | 50x50 | 71  | 36x30x57  |
| 50-160(I)B       | 3                 | 4   | 21.6           | 24             | 50x50 | 59  | 36x30x55  |
| 50-200(I)        | 7.5               | 10  | 25             | 50             | 50x50 | 108 | 38x35x64  |
| 50-200(I)A       | 7.5               | 10  | 23.5           | 44             | 50x50 | 107 | 38x35x64  |
| 50-200(I)B       | 5.5               | 7.5 | 21.8           | 38             | 50x50 | 100 | 38x35x64  |
| 50-250(I)        | 1.5               | 2   | 25             | 80             | 50x50 | 175 | 46x44x79  |
| 50-250(I)A       | 11                | 15  | 23.4           | 70             | 50x50 | 165 | 46x44x79  |
| 50-250(I)B       | 11                | 15  | 21.6           | 60             | 50x50 | 165 | 46x44x79  |
| 50-315(I)        | 30                | 40  | 25             | 125            | 50x50 | 310 | 55x51x92  |
| 50-315(I)A       | 22                | 30  | 23.7           | 113            | 50x50 | 245 | 55x47x86  |
| 50-315(I)B       | 18.5              | 25  | 22.5           | 101            | 50x50 | 215 | 55x44x83  |
| 65-100           | 1.5               | 2   | 25             | 12.5           | 65x65 | 46  | 32x23x47  |
| 65-100A          | 1.1               | 1.5 | 22.3           | 10             | 65x65 | 41  | 32x23x46  |
| 65-125           | 3                 | 4   | 25             | 20             | 65x65 | 58  | 34x28x55  |
| 65-125A          | 2.2               | 3   | 22.3           | 16             | 65x65 | 49  | 34x28x52  |
| 65-160           | 4                 | 5.5 | 25             | 32             | 65x65 | 75  | 36x31x57  |
| 65-160A          | 4                 | 5.5 | 23.4           | 28             | 65x65 | 75  | 36x31x57  |
| 65-160B          | 3                 | 4   | 21.6           | 24             | 65x65 | 63  | 36x31x55  |
| 65-200           | 7.5               | 10  | 25             | 50             | 65x65 | 107 | 38x35x63  |
| 65-200A          | 7.5               | 10  | 23.5           | 44             | 65x65 | 107 | 38x35x63  |
| 65-200B          | 5.5               | 7.5 | 21.8           | 38             | 65x65 | 100 | 38x35x63  |
| 65-250           | 15                | 20  | 25             | 80             | 65x65 | 180 | 48x44x79  |
| 65-250A          | 11                | 15  | 23.4           | 70             | 65x65 | 170 | 48x44x79  |
| 65-250B          | 11                | 15  | 21.6           | 60             | 65x65 | 170 | 48x44x79  |
| 65-315           | 30                | 40  | 25             | 125            | 65x65 | 320 | 55x51x92  |
| 65-315A          | 22                | 30  | 23.7           | 113            | 65x65 | 255 | 55x47x86  |
| 65-315B          | 18.5              | 25  | 22.5           | 101            | 65x65 | 225 | 55x44x83  |
| 65-100(I)        | 3                 | 4   | 50             | 125            | 65x65 | 63  | 40x28x57  |
| 65-100(I)A       | 2.2               | 3   | 44.7           | 10             | 65x65 | 53  | 40x24x54  |
| 65-125(I)        | 5.5               | 7.5 | 50             | 20             | 65x65 | 99  | 40x36x66  |
| 65-125(I)A       | 4                 | 5.5 | 45             | 16             | 65x65 | 78  | 40x32x60  |
| 65-160(I)        | 7.5               | 10  | 50             | 32             | 65x65 | 103 | 40x36x66  |
| 65-160(I)A       | 7.5               | 10  | 46.7           | 28             | 65x65 | 103 | 40x36x66  |
| 65-160(I)B       | 5.5               | 7.5 | 43.4           | 24             | 65x65 | 97  | 40x32x66  |
| 65-200(I)        | 15                | 20  | 50             | 50             | 65x65 | 176 | 45x43x80  |
| 65-200(I)A       | 11                | 15  | 47             | 44             | 65x65 | 166 | 45x43x80  |
| 65-200(I)B       | 7.5               | 10  | 43.3           | 38             | 65x65 | 114 | 45x43x67  |
| 65-250(I)        | 22                | 30  | 50             | 80             | 65x65 | 235 | 48x47x87  |
| 65-250(I)A       | 18.5              | 25  | 46.7           | 70             | 65x65 | 205 | 48x43x85  |
| 65-250(I)B       | 15                | 20  | 43.3           | 60             | 65x65 | 180 | 48x43x81  |
| 65-315(I)        | 37                | 50  | 50             | 125            | 65x65 | 350 | 58x53x100 |
| 65-315(I)A       | 30                | 40  | 46.5           | 110            | 65x65 | 335 | 58x53x100 |
| 80-100           | 3                 | 4   | 50             | 125            | 80x80 | 63  | 40x28x57  |
| 80-100A          | 2.2               | 3   | 44.7           | 10             | 80x80 | 54  | 40x24x54  |
| 80-125           | 5.5               | 7.5 | 50             | 20             | 80x80 | 99  | 40x36x66  |
| 80-125A          | 4                 | 5.5 | 45             | 16             | 80x80 | 79  | 40x32x60  |
| 80-160           | 7.5               | 10  | 50             | 32             | 80x80 | 105 | 40x36x66  |
| 80-160A          | 7.5               | 10  | 46.7           | 28             | 80x80 | 105 | 40x36x66  |
| 80-160B          | 5.5               | 7.5 | 43.4           | 24             | 80x80 | 98  | 40x36x66  |
| 80-200           | 15                | 20  | 50             | 50             | 80x80 | 175 | 43x43x80  |

**TECHNICAL DATA / DATOS TÉCNICOS**

| MODELO<br>MODELO | Power<br>Potencia |     | Flow<br>Caudal | Head<br>Altura | DN<br>mm | Wt<br>kg | Dim<br>cm |
|------------------|-------------------|-----|----------------|----------------|----------|----------|-----------|
|                  | kw                | hp  | m³/h           | m              |          |          |           |
| 80-200A          | 11                | 15  | 47             | 44             | 80x80    | 165      | 43x43x80  |
| 80-200B          | 7.5               | 10  | 43.3           | 38             | 80x80    | 115      | 43x36x66  |
| 80-250           | 22                | 30  | 50             | 80             | 80x80    | 240      | 48x47x87  |
| 80-250A          | 18.5              | 25  | 46.7           | 70             | 80x80    | 210      | 48x43x85  |
| 80-250B          | 15                | 20  | 43.3           | 60             | 80x80    | 185      | 48x43x81  |
| 80-315           | 37                | 50  | 50             | 125            | 80x80    | 355      | 58x53x100 |
| 80-315A          | 30                | 40  | 46.5           | 110            | 80x80    | 340      | 58x53x100 |
| 80-315B          | 30                | 40  | 44.5           | 100            | 80x80    | 340      | 58x53x100 |
| 80-315C          | 22                | 30  | 41             | 85             | 80x80    | 275      | 58x47x89  |
| 80-350           | 55                | 75  | 50             | 150            | 80x80    | 535      | 64x64x117 |
| 80-350A          | 45                | 60  | 44.5           | 142            | 80x80    | 420      | 64x58x108 |
| 80-350B          | 37                | 50  | 41             | 135            | 80x80    | 366      | 64x52x104 |
| 80-100(I)        | 5.5               | 7.5 | 100            | 12.5           | 80x80    | 108      | 46x36x68  |
| 80-100(I)A       | 4                 | 5.5 | 89             | 10             | 80x80    | 87       | 46x36x62  |
| 80-125(I)        | 11                | 15  | 100            | 20             | 80x80    | 163      | 45x43x81  |
| 80-125(I)A       | 7.5               | 10  | 89             | 16             | 80x80    | 113      | 45x35x67  |
| 80-160(I)        | 15                | 20  | 100            | 32             | 80x80    | 184      | 50x43x84  |
| 80-160(I)A       | 11                | 15  | 93.5           | 28             | 80x80    | 174      | 50x43x84  |
| 80-160(I)B       | 11                | 15  | 86.6           | 24             | 80x80    | 174      | 50x43x84  |
| 80-200(I)        | 22                | 30  | 100            | 50             | 80x80    | 251      | 48x48x88  |
| 80-200(I)A       | 18.5              | 25  | 93.5           | 44             | 80x80    | 220      | 48x43x86  |
| 80-200(I)B       | 15                | 20  | 87             | 38             | 80x80    | 198      | 48x43x81  |
| 80-250(I)        | 37                | 50  | 100            | 80             | 80x80    | 330      | 55x52x102 |
| 80-250(I)A       | 30                | 40  | 93.5           | 70             | 80x80    | 315      | 55x52x102 |
| 80-250(I)B       | 30                | 40  | 87             | 60             | 80x80    | 315      | 55x52x102 |
| 80-315(I)        | 75                | 100 | 100            | 125            | 80x80    | 675      | 64x70x124 |
| 80-315(I)A       | 55                | 75  | 95             | 113            | 80x80    | 535      | 64x64x117 |
| 80-315(I)B       | 45                | 60  | 90             | 101            | 80x80    | 420      | 64x58x108 |
| 80-315(I)C       | 37                | 50  | 82             | 85             | 80x80    | 366      | 64x52x104 |
| 100-100          | 5.5               | 7.5 | 100            | 12.5           | 100x100  | 113      | 46x36x67  |
| 100-100A         | 4                 | 5.5 | 89             | 10             | 100x100  | 91       | 46x32x62  |
| 100-125          | 11                | 15  | 100            | 20             | 100x100  | 169      | 44x43x81  |
| 100-125A         | 7.5               | 10  | 89             | 16             | 100x100  | 118      | 45x35x67  |
| 100-160          | 15                | 20  | 100            | 32             | 100x100  | 191      | 50x43x84  |
| 100-160A         | 11                | 15  | 93.5           | 28             | 100x100  | 181      | 50x43x84  |
| 100-160B         | 11                | 15  | 86.6           | 24             | 100x100  | 181      | 50x43x84  |
| 100-200          | 22                | 30  | 100            | 50             | 100x100  | 245      | 48x48x88  |
| 100-200A         | 18.5              | 25  | 93.5           | 44             | 100x100  | 215      | 48x43x86  |
| 100-200B         | 15                | 20  | 87             | 38             | 100x100  | 193      | 48x43x82  |
| 100-250          | 37                | 50  | 100            | 80             | 100x100  | 345      | 55x52x102 |
| 100-250A         | 30                | 40  | 93.5           | 70             | 100x100  | 330      | 55x52x102 |
| 100-250B         | 30                | 40  | 87             | 60             | 100x100  | 330      | 55x52x102 |
| 100-315          | 75                | 100 | 100            | 125            | 100x100  | 689      | 64x70x124 |
| 100-315A         | 55                | 75  | 95             | 113            | 100x100  | 549      | 64x64x117 |
| 100-315B         | 45                | 60  | 90             | 101            | 100x100  | 439      | 64x58x108 |
| 100-350          | 90                | 120 | 100            | 150            | 100x100  | 950      | 68x63x131 |
| 100-350A         | 75                | 100 | 88             | 142            | 100x100  | 830      | 68x63x126 |
| 100-350B         | 55                | 75  | 80             | 135            | 100x100  | 600      | 68x61x119 |
| 100-100(I)       | 11                | 15  | 160            | 12.5           | 100x100  | 115      | 50x42x80  |
| 100-125(I)       | 15                | 20  | 160            | 20             | 100x100  | 168      | 50x30x81  |
| 100-125(I)A      | 11                | 15  | 140            | 17             | 100x100  | 168      | 50x28x81  |

**50 Hz n=2900 1/min**

| MODELO<br>MODELO | Power<br>Potencia |     | Flow<br>Caudal | Head<br>Altura | DN<br>mm | Wt<br>kg | Dim<br>cm |
|------------------|-------------------|-----|----------------|----------------|----------|----------|-----------|
|                  | kw                | hp  | m³/h           | m              |          |          |           |
| 100-160(I)       | 22                | 30  | 160            | 32             | 100x100  | 210      | 50x33x89  |
| 100-160(I)A      | 18.5              | 25  | 140            | 28             | 100x100  | 210      | 50x33x89  |
| 100-200(I)       | 37                | 50  | 160            | 50             | 100x100  | 402      | 54x36x97  |
| 100-200(I)A      | 30                | 40  | 140            | 45             | 100x100  | 395      | 54x35x97  |
| 100-200(I)B      | 22                | 30  | 100            | 40             | 100x100  | 360      | 54x35x97  |
| 100-250(I)       | 55                | 75  | 160            | 80             | 100x100  | 560      | 60x44x112 |
| 100-250(I)A      | 45                | 60  | 140            | 72             | 100x100  | 420      | 60x36x112 |
| 100-250(I)B      | 37                | 50  | 100            | 65             | 100x100  | 400      | 60x36x112 |
| 125-100          | 11                | 15  | 160            | 12.5           | 125x125  | 180      | 52x43x83  |
| 125-100A         | 7.5               | 10  | 143            | 10             | 125x125  | 125      | 52x36x83  |
| 125-125          | 15                | 20  | 160            | 20             | 125x125  | 220      | 52x43x84  |
| 125-125A         | 11                | 15  | 143            | 16             | 125x125  | 210      | 52x43x84  |
| 125-160          | 22                | 30  | 160            | 32             | 125x125  | 265      | 52x46x92  |
| 125-160A         | 18.5              | 25  | 150            | 28             | 125x125  | 230      | 52x43x89  |
| 125-160B         | 15                | 20  | 138            | 24             | 125x125  | 215      | 52x43x85  |
| 125-200          | 37                | 50  | 160            | 50             | 125x125  | 395      | 57x51x104 |
| 125-200A         | 30                | 40  | 150            | 44             | 125x125  | 380      | 57x51x104 |
| 125-200B         | 22                | 30  | 138            | 37.5           | 125x125  | 320      | 57x46x104 |
| 125-250          | 55                | 75  | 160            | 80             | 125x125  | 580      | 68x66x118 |
| 125-250A         | 45                | 60  | 150            | 70             | 125x125  | 490      | 68x57x108 |
| 125-250B         | 37                | 50  | 138            | 60             | 125x125  | 430      | 68x51x105 |
| 125-315          | 90                | 120 | 160            | 125            | 125x125  | 790      | 68x69x135 |
| 125-315A         | 75                | 100 | 150            | 110            | 125x125  | 710      | 68x69x130 |
| 125-315B         | 75                | 100 | 143            | 100            | 125x125  | 705      | 68x69x135 |
| 125-315C         | 55                | 75  | 134            | 88             | 125x125  | 585      | 68x66x123 |
| 125-350          | 110               | 150 | 160            | 150            | 125x125  | 980      | 76x90x156 |
| 125-350A         | 90                | 120 | 150            | 142            | 125x125  | 800      | 76x70x133 |
| 125-350B         | 75                | 100 | 143            | 135            | 125x125  | 724      | 76x70x121 |
| 150-125          | 11                | 15  | 160            | 20             | 150x150  | 210      | 52x43x84  |
| 150-125A         | 7.5               | 10  | 150            | 16             | 150x150  | 130      | 52x43x84  |
| 150-160          | 22                | 30  | 160            | 32             | 150x150  | 270      | 52x43x85  |
| 150-160A         | 18.5              | 25  | 150            | 28             | 150x150  | 230      | 52x43x85  |
| 150-160B         | 15                | 20  | 140            | 24             | 150x150  | 220      | 52x43x85  |
| 150-200          | 37                | 50  | 160            | 50             | 150x150  | 395      | 57x51x104 |
| 150-200A         | 30                | 40  | 150            | 44             | 150x150  | 380      | 57x51x104 |
| 150-200B         | 22                | 30  | 138            | 37.5           | 150x150  | 320      | 57x46x104 |
| 150-250          | 75                | 100 | 160            | 80             | 150x150  | 702      | 70x70x128 |
| 150-250A         | 55                | 75  | 150            | 70             | 150x150  | 561      | 70x64x120 |
| 150-250B         | 45                | 60  | 138            | 60             | 150x150  | 460      | 70x59x112 |
| 150-315          | 110               | 150 | 200            | 125            | 150x150  | 980      | 76x90x156 |
| 150-315A         | 90                | 120 | 187            | 110            | 150x150  | 800      | 76x70x133 |
| 150-315B         | 75                | 100 | 173            | 95             | 150x150  | 724      | 76x70x121 |
| 150-350          | 110               | 150 | 160            | 150            | 150x150  | 980      | 76x90x156 |
| 150-350A         | 90                | 120 | 150            | 142            | 150x150  | 800      | 76x70x133 |
| 150-350B         | 75                | 100 | 140            | 135            | 150x150  | 724      | 76x70x121 |
| 150-250(I)       | 75                | 100 | 200            | 80             | 150x150  | 702      | 70x70x128 |
| 150-250(I)A      | 55                | 75  | 187            | 70             | 150x150  | 561      | 70x64x120 |
| 150-250(I)B      | 45                | 60  | 173            | 60             | 150x150  | 460      | 70x59x112 |
| 150-315(I)       | 110               | 150 | 200            | 125            | 150x150  | 980      | 76x90x156 |
| 150-315(I)A      | 90                | 120 | 187            | 110            | 150x150  | 800      | 76x70x133 |
| 150-315(I)B      | 75                | 100 | 173            | 95             | 150x150  | 724      | 76x70x121 |

**TECHNICAL DATA / DATOS TÉCNICOS**

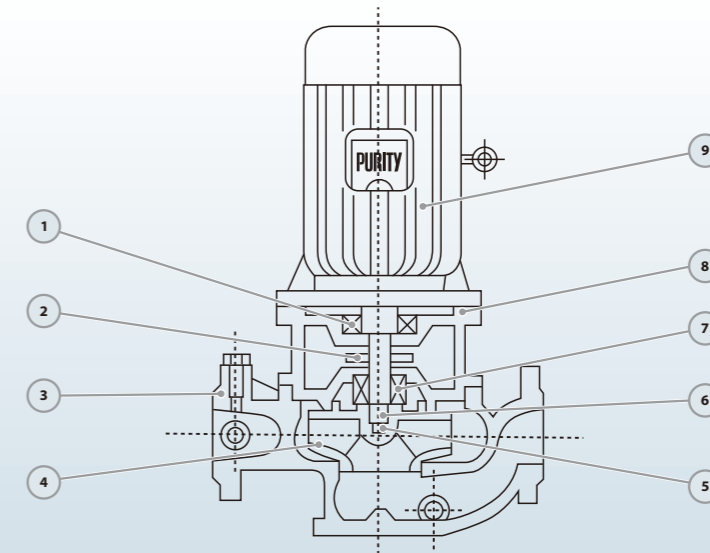
| MODELO<br>MODELO | Power<br>Potencia |      | Flow<br>Caudal | Head<br>Altura | DN<br>mm | Wt<br>kg | Dim<br>cm |
|------------------|-------------------|------|----------------|----------------|----------|----------|-----------|
|                  | kw                | hp   | m³/h           | m              |          |          |           |
| 40-125(I)/4      | 0.55              | 0.75 | 6.3            | 5              | 40x40    | 42       | 34x30x55  |
| 40-160(I)/4      | 0.55              | 0.75 | 6.3            | 8              | 40x40    | 43       | 34x30x55  |
| 40-160(I)A/4     | 0.55              | 0.75 | 5.5            | 6              | 40x40    | 30       | 34x30x55  |
| 40-200(I)/4      | 0.75              | 1    | 6.3            | 12.5           | 40x40    | 45       | 36x35x64  |
| 40-200(I)A/4     | 0.55              | 0.75 | 5.8            | 11             | 40x40    | 44       | 36x35x57  |
| 40-250(I)/4      | 1.5               | 2    | 6.3            | 20             | 40x40    | 54       | 45x43x78  |
| 40-250(I)A/4     | 1.1               | 1.5  | 5.8            | 17             | 40x40    | 49       | 45x36x65  |
| 50-160/4         | 0.75              | 1    | 6.3            | 8              | 50x50    | 42       | 32x30x55  |
| 50-200/4         | 0.75              | 1    | 6.3            | 12.5           | 50x50    | 48       | 36x35x64  |
| 50-200A/4        | 0.75              | 1    | 5.5            | 9.5            | 50x50    | 46       | 36x35x57  |
| 50-250/4         | 1.5               | 2    | 6.3            | 20             | 50x50    | 58       | 44x43x78  |
| 50-250A/4        | 1.1               | 1.5  | 5.8            | 17             | 50x50    | 50       | 44x36x65  |
| 50-125(I)/4      | 0.55              | 0.75 | 12.5           | 5              | 50x50    | 44       | 34x28x55  |
| 50-160(I)/4      | 0.55              | 0.75 | 12.5           | 8              | 50x50    | 46       | 36x31x57  |
| 50-160(I)A/4     | 0.55              | 0.75 | 11             | 6              | 50x50    | 44       | 36x31x57  |
| 50-200(I)/4      | 1.1               | 1.5  | 12.5           | 12.5           | 50x50    | 52       | 38x35x64  |
| 50-200(I)A/4     | 0.75              | 1    | 11.2           | 10             | 50x50    | 48       | 38x35x64  |
| 50-250(I)/4      | 2.2               | 3    | 12.5           | 20             | 50x50    | 73       | 46x44x79  |
| 50-250(I)A/4     | 1.5               | 2    | 11.7           | 17.5           | 50x50    | 65       | 46x44x79  |
| 50-250(I)B/4     | 1.1               | 1.5  | 10             | 13             | 50x50    | 60       | 46x44x79  |
| 50-315(I)/4      | 4                 | 5.5  | 12.5           | 32             | 50x50    | 89       | 55x51x92  |
| 50-315(I)A/4     | 3                 | 4    | 11.7           | 28             | 50x50    | 84       | 55x47x86  |
| 50-315(I)B/4     | 3                 | 4    | 10             | 21             | 50x50    | 82       | 55x44x83  |
| 65-125/4         | 0.55              | 0.75 | 12.5           | 5              | 65x65    | 41       | 34x28x55  |
| 65-160/4         | 0.75              | 1    | 12.5           | 8              | 65x65    | 46       | 36x31x57  |
| 65-160A/4        | 0.55              | 0.75 | 11             | 6              | 65x65    | 35       | 36x31x57  |
| 65-200/4         | 1.1               | 1.5  | 12.5           | 12.5           | 65x65    | 52       | 38x35x64  |
| 65-200A/4        | 0.75              | 1    | 11.2           | 10             | 65x65    | 48       | 38x35x64  |
| 65-250/4         | 2.2               | 3    | 12.5           | 20             | 65x65    | 76       | 48x44x79  |
| 65-250A/4        | 1.5               | 2    | 11.7           | 17.5           | 65x65    | 68       | 48x44x79  |
| 65-250B/4        | 1.1               | 1.5  | 10             | 13             | 65x65    | 63       | 48x44x79  |
| 65-315/4         | 4                 | 5.5  | 12.5           | 32             | 65x65    | 89       | 55x51x92  |
| 65-315A/4        | 3                 | 4    | 11.7           | 28             | 65x65    | 85       | 55x47x86  |
| 65-315B/4        | 3                 | 4    | 10             | 21             | 65x65    | 82       | 55x44x84  |
| 65-125(I)/4      | 0.75              | 1    | 25             | 5              | 65x65    | 49       | 40x36x66  |
| 65-160(I)/4      | 1.1               | 1.5  | 25             | 8              | 65x65    | 54       | 40x36x66  |
| 65-160(I)A/4     | 0.75              | 1    | 22             | 6              | 65x65    | 48       | 40x36x66  |
| 65-200(I)/4      | 2.2               | 3    | 25             | 12.5           | 65x65    | 71       | 45x43x80  |
| 65-200(I)A/4     | 1.5               | 2    | 23.3           | 11             | 65x65    | 62       | 45x43x80  |
| 65-250(I)/4      | 3                 | 4    | 25             | 20             | 65x65    | 85       | 48x47x87  |
| 65-250(I)A/4     | 3                 | 4    | 22.2           | 15.8           | 65x65    | 80       | 48x43x85  |
| 65-250(I)B/4     | 2.2               | 3    | 20             | 12.8           | 65x65    | 74       |           |

**TECHNICAL DATA / DATOS TÉCNICOS**

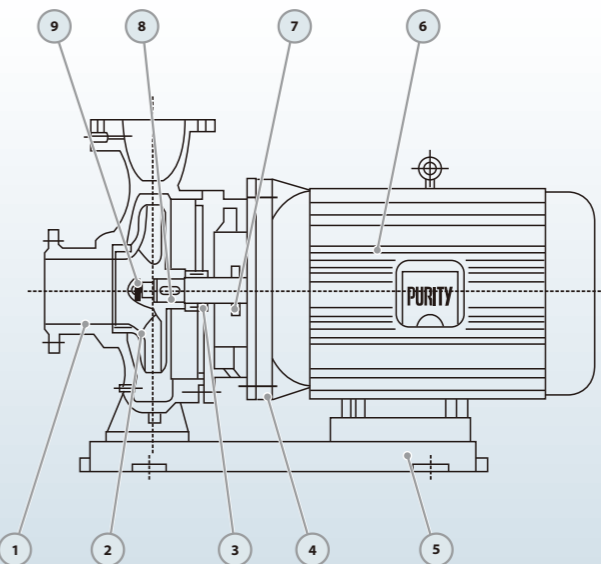
| MODELO<br>MODELO | Power<br>Potencia |    | Flow<br>Caudal | Head<br>Altura | DN      | Wt<br>kg | Dim<br>cm |
|------------------|-------------------|----|----------------|----------------|---------|----------|-----------|
|                  | kw                | hp |                |                |         |          |           |
| 125-315A/4       | 11                | 15 | 95             | 27             | 125x125 | 282      | 68x69x135 |
| 125-315B/4       | 11                | 15 | 87             | 24             | 125x125 | 245      | 68x69x135 |
| 125-400/4        | 30                | 40 | 100            | 50             | 125x125 | 375      | 71x54x105 |
| 125-400A/4       | 22                | 30 | 94             | 44             | 125x125 | 295      | 71x54x105 |
| 125-400B/4       | 18.5              | 25 | 87             | 37.5           | 125x125 | 257      | 71x54x100 |
| 125-200(I)/4     | 11                | 15 | 200            | 12.5           | 125x125 | 244      | 68x44x64  |
| 125-200(I)A/4    | 7.5               | 10 | 179            | 10             | 125x125 | 210      | 68x42x62  |
| 125-250(I)/4     | 15                | 20 | 200            | 20             | 125x125 | 265      | 68x42x91  |
| 125-250(I)A/4    | 11                | 15 | 184.4          | 17             | 125x125 | 241      | 68x42x91  |
| 125-250(I)B/4    | 7.5               | 10 | 167            | 14             | 125x125 | 210      | 68x42x85  |
| 125-315(I)/4     | 22                | 30 | 200            | 32             | 125x125 | 335      | 74x47x98  |
| 125-315(I)A/4    | 18.5              | 25 | 187            | 28             | 125x125 | 315      | 74x44x95  |
| 125-315(I)B/4    | 15                | 20 | 173            | 24             | 125x125 | 265      | 74x44x95  |
| 125-400(I)/4     | 45                | 60 | 200            | 50             | 125x125 | 490      | 78x57x107 |
| 125-400(I)A/4    | 37                | 50 | 187            | 44             | 125x125 | 454      | 78x56x105 |
| 125-400(I)B/4    | 30                | 40 | 160            | 38             | 125x125 | 435      | 78x56x105 |
| 150-200/4        | 15                | 20 | 200            | 12.5           | 150x150 | 265      | 68x44x93  |
| 150-200A/4       | 11                | 15 | 179            | 10             | 150x150 | 244      | 68x44x89  |
| 150-250/4        | 18.5              | 25 | 200            | 20             | 150x150 | 300      | 70x48x96  |
| 150-250A/4       | 15                | 20 | 184.4          | 17             | 150x150 | 262      | 70x48x94  |
| 150-250B/4       | 11                | 15 | 167            | 14             | 150x150 | 241      | 70x45x90  |
| 150-315/4        | 30                | 40 | 200            | 32             | 150x150 | 410      | 76x53x108 |
| 150-315A/4       | 22                | 30 | 187            | 28             | 150x150 | 335      | 76x51x100 |
| 150-315B/4       | 18.5              | 25 | 173            | 24             | 150x150 | 315      | 76x51x96  |
| 150-400/4        | 45                | 60 | 200            | 50             | 150x150 | 490      | 80x60x112 |
| 150-400A/4       | 37                | 50 | 187            | 44             | 150x150 | 454      | 80x60x110 |
| 150-400B/4       | 30                | 40 | 174            | 38             | 150x150 | 435      | 80x56x108 |
| 150-400C/4       | 22                | 30 | 160            | 32             | 150x150 | 365      | 80x54x100 |
| 150-200(I)/4     | 15                | 20 | 200            | 12.5           | 150x150 | 265      | 68x44x93  |
| 150-200(I)A/4    | 11                | 15 | 179            | 10             | 150x150 | 244      | 68x44x89  |
| 150-250(I)/4     | 18.5              | 25 | 200            | 20             | 150x150 | 305      | 75x48x96  |
| 150-250(I)A/4    | 15                | 20 | 187            | 17.5           | 150x150 | 267      | 75x48x94  |
| 150-250(I)B/4    | 11                | 15 | 173            | 14             | 150x150 | 246      | 75x45x90  |
| 150-315(I)/4     | 30                | 40 | 200            | 32             | 150x150 | 417      | 80x53x108 |
| 150-315(I)A/4    | 22                | 30 | 187            | 28             | 150x150 | 342      | 80x51x100 |
| 150-315(I)B/4    | 18.5              | 25 | 173            | 24             | 150x150 | 322      | 80x51x96  |
| 150-400(I)/4     | 45                | 60 | 200            | 50             | 150x150 | 498      | 86x60x112 |
| 150-400(I)A/4    | 37                | 50 | 187            | 44             | 150x150 | 462      | 86x60x110 |
| 150-400(I)B/4    | 30                | 40 | 173            | 37.5           | 150x150 | 443      | 86x56x108 |
| 150-400(I)C/4    | 22                | 30 | 160            | 32             | 150x150 | 373      | 86x54x100 |
| 200-200/4        | 15                | 20 | 200            | 12.5           | 200x200 | 265      | 68x44x93  |
| 200-200A/4       | 11                | 15 | 179            | 10             | 200x200 | 244      | 68x44x89  |
| 200-250/4        | 18.5              | 25 | 200            | 20             | 200x200 | 305      | 75x48x96  |
| 200-250A/4       | 15                | 20 | 184.4          | 17             | 200x200 | 267      | 75x48x94  |
| 200-250B/4       | 11                | 15 | 179            | 14             | 200x200 | 246      | 75x45x90  |
| 200-315/4        | 30                | 40 | 200            | 32             | 200x200 | 417      | 80x53x108 |
| 200-315A/4       | 22                | 30 | 187            | 28             | 200x200 | 342      | 80x51x100 |
| 200-315B/4       | 18.5              | 25 | 173            | 24             | 200x200 | 322      | 80x51x96  |
| 200-400/4        | 45                | 60 | 200            | 50             | 200x200 | 498      | 86x60x112 |

**50 Hz n=1450 1/min**

| MODELO<br>MODELO | Power<br>Potencia |     | Flow<br>Caudal | Head<br>Altura | DN      | Wt<br>kg | Dim<br>cm  |
|------------------|-------------------|-----|----------------|----------------|---------|----------|------------|
|                  | kw                | hp  |                |                |         |          |            |
| 200-400A/4       | 37                | 50  | 187            | 44             | 200x200 | 462      | 86x60x110  |
| 200-400B/4       | 30                | 40  | 174            | 38             | 200x200 | 443      | 86x56x108  |
| 200-400C/4       | 22                | 30  | 160            | 32             | 200x200 | 373      | 86x54x100  |
| 200-200(I)/4     | 22                | 30  | 400            | 12.5           | 200x200 | 382      | 81x53x103  |
| 200-200(I)A/4    | 18.5              | 25  | 358            | 10             | 200x200 | 346      | 81x53x97   |
| 200-250(I)/4     | 30                | 40  | 400            | 20             | 200x200 | 475      | 83x53x111  |
| 200-250(I)A/4    | 22                | 30  | 358            | 16             | 200x200 | 405      | 83x51x104  |
| 200-250(I)B/4    | 18.5              | 25  | 322            | 13             | 200x200 | 387      | 83x51x100  |
| 200-315(I)/4     | 55                | 75  | 400            | 32             | 200x200 | 675      | 86x65x127  |
| 200-315(I)A/4    | 45                | 60  | 374            | 28             | 200x200 | 560      | 86x63x118  |
| 200-315(I)B/4    | 37                | 50  | 346            | 24             | 200x200 | 535      | 86x63x115  |
| 200-400(I)/4     | 75                | 100 | 400            | 50             | 200x200 | 830      | 88x70x134  |
| 200-400(I)A/4    | 75                | 100 | 374            | 44             | 200x200 | 830      | 88x70x134  |
| 200-400(I)B/4    | 55                | 75  | 346            | 38             | 200x200 | 685      | 88x64x127  |
| 200-400(I)C/4    | 45                | 60  | 320            | 32             | 200x200 | 580      | 88x60x119  |
| 250-250/4        | 45                | 60  | 550            | 20             | 250x250 | 620      | 111x55x115 |
| 250-250A/4       | 37                | 50  | 500            | 17             | 250x250 | 550      | 111x55x115 |
| 250-315/4        | 75                | 100 | 550            | 32             | 250x250 | 890      | 111x64x135 |
| 250-315A/4       | 55                | 75  | 500            | 28             | 250x250 | 690      | 111x64x135 |
| 250-315B/4       | 45                | 60  | 450            | 24             | 250x250 | 620      | 111x64x135 |
| 250-400/4        | 110               | 150 | 500            | 50             | 250x250 | 1530     | 120x90x156 |
| 250-400A/4       | 90                | 120 | 500            | 44             | 250x250 | 1320     | 120x90x146 |
| 250-400B/4       | 75                | 100 | 450            | 38             | 250x250 | 950      | 120x90x136 |
| 250-500/4        | 200               | 270 | 550            | 80             | 250x250 | 2000     | 130x90x192 |
| 250-500A/4       | 160               | 215 | 506            | 71             | 250x250 | 1850     | 130x90x173 |
| 250-500B/4       | 132               | 176 | 466            | 63.5           | 250x250 | 1750     | 130x90x169 |
| 300-250/4        | 55                | 75  | 720            | 20             | 300x300 | 690      | 125x60x151 |
| 300-250A/4       | 45                | 60  | 600            | 17             | 300x300 | 620      | 125x60x142 |
| 300-315/4        | 90                | 120 | 720            | 32             | 300x300 | 1320     | 100x67x153 |
| 300-315A/4       | 75                | 100 | 650            | 28             | 300x300 | 950      | 100x67x148 |
| 300-315B/4       | 55                | 75  | 580            | 24             | 300x300 | 750      | 100x67x148 |
| 300-400/4        | 110               | 150 | 720            | 50             | 300x300 | 1530     | 150x67x177 |
| 300-400A/4       | 110               | 150 | 637            | 44             | 300x300 | 1530     | 150x67x173 |
| 300-400B/4       | 90                | 120 | 563            | 38             | 300x300 | 1320     | 150x67x170 |
| 300-400C/4       | 75                | 100 | 561            | 33             | 300x300 | 950      | 150x67x153 |
| 300-500/4        | 250               | 335 | 720            | 80             | 300x300 | 2300     | 150x90x196 |
| 300-500A/4       | 200               | 270 | 675            | 70             | 300x300 | 2000     | 150x90x196 |
| 300-500B/4       | 160               | 215 | 625            | 60             | 300x300 | 1850     | 150x90x196 |
| 350-315/4        | 90                | 120 | 800            | 32             | 350x350 | 1650     | 130x68x140 |
| 350-315A/4       | 75                | 100 | 1080           | 17             | 350x350 | 1250     | 130x68x140 |
| 350-400/4        | 160               | 215 | 800            | 50             | 350x350 | 1950     | 130x68x182 |
| 350-400A/4       | 132               | 176 | 1080           | 28             | 350x350 | 1750     | 130x68x172 |
| 350-315(I)/4     | 160               | 215 | 1200           | 32             | 350x350 | 1950     | 130x68x182 |
| 350-315(I)A/4    | 132               | 176 | 1092           | 28             | 350x350 | 1750     | 130x68x172 |
| 350-315(I)B/4    | 110               | 150 | 994            | 25             | 350x350 | 1530     | 130x68x162 |
| 350-400(I)/4     | 250               | 335 | 1200           | 50             | 350x350 | 2300     | 130x68x182 |
| 350-400(I)A/4    | 250               | 335 | 1092           | 44             | 350x350 | 2300     | 130x68x182 |
| 350-400(I)B/4    | 200               | 270 | 994            | 38.5           | 350x350 | 2000     | 130x68x172 |

**MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL**


| No. | Description<br>Descripción   | Material<br>Material            | No. | Description<br>Descripción         | Material<br>Material                   | No. | Description<br>Descripción         | Material<br>Material                    |
|-----|------------------------------|---------------------------------|-----|------------------------------------|--|-----|------------------------------------|---|
| 1   | Bearing<br>Rodamiento        | Ball Bearing<br>Bola Rodamiento | 4   | Impeller<br>Impulsor               | SS304/Cast iron<br>Inox 304/Fundición  | 7   | Mechanical Seal<br>Cierre Mecánico | SiC/Carbon/SS304<br>SiC-Grafito-Inox304 |
| 2   | Water Deflector<br>Deflector | Rubber<br>Caucho                | 5   | Impeller Nut<br>Tuerca de Impulsor | Galvanized Steel<br>Acero Galvanizado  | 8   | Connection<br>Conexión             | Cast iron<br>Fundición                  |
| 3   | Pump Case<br>Cuerpo de Bomba | Cast iron<br>Fundición          | 6   | Shaft<br>Eje                       | SS304/45# Steel<br>Inox 304/45# Hierro | 9   | Motor<br>Motor                     | IP55 Class F<br>IP55 Clase F            |

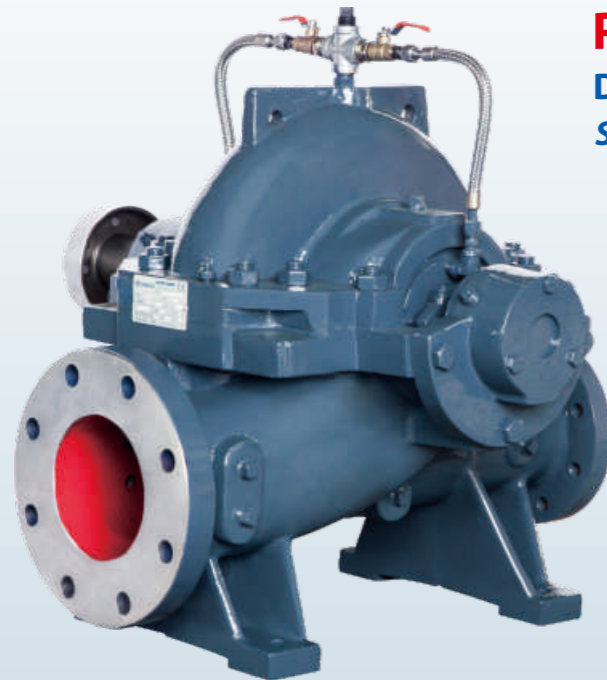


| No. | Description<br>Descripción         | Material<br>Material                    | No. | Description<br>Descripción | Material<br>Material         | No. | Description<br>Descripción       | Material<br>Material                   |
|-----|------------------------------------|---|-----|----------------------------|------------------------------|-----|----------------------------------|--|
| 1   | Pump Case<br>Cuerpo de Bomba       | Cast iron<br>Fundición                  | 4   | Connection<br>Conexión     | Cast iron<br>Fundición       | 7   | Water Deflector<br>Deflector     | Rubber<br>Caucho                       |
| 2   | Impeller<br>Impulsor               | SS304/Cast iron<br>Inox 304/Fundición   | 5   | Base<br>Base               | Cast iron<br>Fundición       | 8   | Shaft<br>Eje                     | SS304/45# Steel<br>Inox 304/45# Hierro |
| 3   | Mechanical Seal<br>Cierre Mecánico | SiC/Carbon/SS304<br>SiC-Grafito-Inox304 | 6   | Motor<br>Motor             | IP55 Class F<br>IP55 Clase F | 9   | Impeller Key<br>Chaveta Impulsor | Iron<br>Hierro                         |



## PSC

### Double suction split case pump Succión doble bomba de cámara partida



## NEW / NUEVO

### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New split case pump
  - ▶ Original design by PURITY (patented)
  - ▶ Available complete with electric motor or diesel engine
  - ▶ Easily back pull-out from driver
  - ▶ Pump case with anti-corrosive coating HT250
  - ▶ Impeller in stainless steel AISI 304 or HT250
  - ▶ Shaft in stainless steel AISI 304 or galvanized iron
  - ▶ Quality bearing, mechanical seal/gland packing
- ▶ Nuevas bombas de cámara partida
  - ▶ Diseño original de PURITY (Patentado)
  - ▶ Bomba con eléctrico o diesel disponible
  - ▶ Fácilmente retirada del controlador
  - ▶ Cuerpo de bomba con tratamiento anti-corrosión de HT250
  - ▶ Impulsor en inox AISI304 o HT250
  - ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
  - ▶ Rodamiento de calidad y cierre mecánico/empaquetadura

### APPLICATIONS / APLICACIONES

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The split case pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.

Las Bombas de cámara partida diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, anti incendio, irrigación, industria, circulación del agua, agricultura.

### USING LIMITS / LÍMITES DE UTILIZACIÓN

Liquid temperature between **-10°C** and **+120°C**  
Ambient temperature up to **+50°C**  
Max. working pressure **25 bar**  
Continuous service **S1**

Temperatura del líquido de **-10 °C** hasta **+120 °C**  
Temperatura ambiente hasta **+50 °C**  
Presión máxima en el cuerpo de la bomba **25 bar**  
Funcionamiento continuo **S1**

### TECHNICAL DATA / DATOS TÉCNICOS PSC 50 Hz n=2900 1/min

| MODEL<br>MODELO | Flow Range<br>Rango de Caudal<br>m³/h | Head Range<br>Rango de Altura<br>m | Power Range<br>Rango de Potencia<br>kw | DN<br>mm |
|-----------------|---------------------------------------|------------------------------------|--|----------|
| 80-210A1        | 131-164-197                           | 60.5-55-50                         | 26.8-29.9-33.4                         | 125x80   |
| 80-210A2        | 121-151-181                           | 52-47.5-42.2                       | 21.6-24.1-26.1                         | 125x80   |
| 80-210A3        | 115-144-173                           | 44-39-35                           | 17.8-19-21.1                           | 125x80   |
| 80-210A4        | 110-137-164                           | 37-33.5-27.7                       | 14.7-16-16.7                           | 125x80   |
| 80-210B1        | 107-134-160                           | 55.5-51-46                         | 20.5-22.9-25.1                         | 125x80   |
| 80-210B2        | 106-133-159                           | 47.7-43.5-37                       | 17.6-19.3-20                           | 125x80   |
| 80-210B3        | 100-124-149                           | 40-36-30                           | 14.4-15.6-16.5                         | 125x80   |
| 80-210B4        | 91-113-136                            | 35-31-27                           | 12.1-12.9-13.9                         | 125x80   |
| 80-270A1        | 166-207-248                           | 97.5-90-79                         | 57-64.6-70.8                           | 125x80   |
| 80-270A2        | 156-194-233                           | 83.5-77-69                         | 46.6-52.6-58.1                         | 125x80   |
| 80-270A3        | 147-184-220                           | 70-63.5-55                         | 37.5-41.8-44.6                         | 125x80   |
| 80-270A4        | 138-173-198                           | 56.5-50-45                         | 28.7-31.4-32.8                         | 125x80   |
| 80-270B1        | 137-171-205                           | 91-82.5-72.5                       | 44.6-49.9-54.1                         | 125x80   |
| 80-270B2        | 122-153-184                           | 79.5-71.5-67                       | 35.6-39.1-44.7                         | 125x80   |
| 80-270B3        | 115-144-173                           | 66.8-60-53                         | 28.5-31.3-33.7                         | 125x80   |
| 80-270B4        | 110-137-164                           | 54.5-49-42                         | 22.4-24.5-25.9                         | 125x80   |
| 80-370A1        | 180-226-272                           | 168-155.2-134                      | 118.4-129.6-138.4                      | 125x80   |
| 80-370A2        | 160-198-240                           | 140-132-116.4                      | 84.8-96.8-106.4                        | 125x80   |
| 80-370A3        | 140-176-212                           | 117.2-110-98.8                     | 65.6-75.2-81.6                         | 125x80   |
| 80-370A4        | 130-142-196                           | 95.2-90-80                         | 51.2-59.2-64                           | 125x80   |
| 80-370B1        | 160-198-240                           | 155.2-142-125.2                    | 94.4-104.8-114.4                       | 125x80   |
| 80-370B2        | 144-180-216                           | 136.4-123.2-105.2                  | 77.6-86.4-91.2                         | 125x80   |
| 80-370B3        | 120-152-180                           | 110-102-90                         | 56-64-68                               | 125x80   |
| 80-370B4        | 106-134-160                           | 85.2-80-70                         | 39.2-45.6-48                           | 125x80   |
| 100-250A1       | 230-288-346                           | 83-75-67                           | 64.2-70.9-78.4                         | 150x100  |
| 100-250A2       | 219-274-328                           | 69-63-55                           | 51.9-58.3-62.3                         | 150x100  |
| 100-250A3       | 209-261-313                           | 59-52-46.5                         | 43.5-46.8-51.5                         | 150x100  |
| 100-250A4       | 193-240-290                           | 49-45-37                           | 33.9-37.7-39.2                         | 150x100  |
| 100-250B1       | 196-245-294                           | 75-68-59                           | 50-55.6-59.8                           | 150x100  |
| 100-250B2       | 180-223-268                           | 65-59-51                           | 40.6-44.7-47.9                         | 150x100  |
| 100-250B3       | 165-205-246                           | 56-51-44                           | 32.9-36.8-38.8                         | 150x100  |
| 100-250B4       | 150-190-227                           | 48-43-38                           | 26.4-29.1-31.1                         | 150x100  |
| 100-310A1       | 294-367-440                           | 135-123-105                        | 137.7-153.8-164                        | 150x100  |
| 100-310A2       | 268-335-402                           | 116-106-92                         | 108-121.4-131                          | 150x100  |
| 100-310A3       | 242-302-363                           | 98-90-80                           | 82.7-93.5-102.5                        | 150x100  |
| 100-310A4       | 182-227-333                           | 72-74-66.5                         | 52.8-70.7-78.1                         | 150x100  |
| 100-310B1       | 226-283-340                           | 130-119-105                        | 105-117.4-128.5                        | 150x100  |
| 100-310B2       | 208-260-310                           | 111-103-90                         | 81.8-93.7-100                          | 150x100  |
| 100-310B3       | 200-250-300                           | 92-84-74                           | 65.8-72.8-80.5                         | 150x100  |
| 100-310B4       | 187-234-281                           | 78-69-60                           | 53.1-57.1-61.2                         | 150x100  |
| 100-375A1       | 266-334-400                           | 189.2-184-152                      | 196-226.4-233.6                        | 150x100  |
| 100-375A2       | 248-310-372                           | 164-152-124                        | 162.4-180.8-184.8                      | 150x100  |
| 100-375A3       | 216-270-324                           | 130-121.2-101.2                    | 115.2-116-134.4                        | 150x100  |
| 100-375B1       | 228-284-340                           | 190-176-156                        | 177.6-189.6-218.4                      | 150x100  |
| 100-375B2       | 210-260-314                           | 160-150-130                        | 141.6-150.4-173.6                      | 150x100  |
| 100-375B3       | 184-230-276                           | 123.2-114.8-100                    | 101.6-114.4-123.2                      | 150x100  |

### PSC 50 Hz n=2900 1/min

| MODEL<br>MODELO | Flow Range<br>Rango de Caudal<br>m³/h | Head Range<br>Rango de Altura<br>m | Power Range<br>Rango de Potencia<br>kw | DN<br>mm |
|-----------------|---------------------------------------|------------------------------------|--|----------|
| 125-230A1       | 426-541-639                           | 68-60-48                           | 93.8-101.8-101.9                       | 200x125  |
| 125-230A2       | 392-490-585                           | 60-52-43.5                         | 78.1-82.1-84.4                         | 200x125  |
| 125-230A3       | 363-454-544                           | 50-43.5-35                         | 63.4-65.1-66.6                         | 200x125  |
| 125-230A4       | 340-425-489                           | 40-34-30                           | 49.4-50.8-52.5                         | 200x125  |
| 125-230B1       | 377-472-566                           | 68-60.5-55                         | 84.2-92-101.5                          | 200x125  |
| 125-230B2       | 349-436-523                           | 60-53-44                           | 70.3-74.8-77.2                         | 200x125  |
| 125-230B3       | 328-410-493                           | 52-45-37                           | 60.1-61.3-63.3                         | 200x125  |
| 125-230B4       | 305-382-458                           | 42.5-37-30                         | 47.1-49.9-49.9                         | 200x125  |
| 125-290A1       | 428-535-642                           | 117-108-95                         | 166-187-202                            | 200x125  |
| 125-290A2       | 397-497-596                           | 97-88-75                           | 131-145-153                            | 200x125  |
| 125-290A3       | 363-454-544                           | 80-72-62                           | 101-111-117                            | 200x125  |
| 125-290A4       | 323-403-484                           | 65-57-47                           | 74.7-80.2-80.5                         | 200x125  |
| 125-290B1       | 383-480-575                           | 113-100-85.5                       | 145-157-166                            | 200x125  |
| 125-290B2       | 348-436-523                           | 93.5-83.5-70                       | 112-121-126                            | 200x125  |
| 125-290B3       | 308-385-462                           | 78-70-60                           | 84.5-93-96.9                           | 200x125  |
| 125-290B4       | 274-342-410                           | 60-55-47                           | 59.6-67.4-70                           | 200x125  |
| 125-365A1       | 490-620-720                           | 200-188-176                        | 329.6-377.6-418.4                      | 200x125  |
| 125-365A2       | 450-562-674                           | 166.4-156-142.4                    | 254.4-288-323.2                        | 200x125  |
| 125-365A3       | 410-512-614                           | 134.8-126-112.8                    | 193.6-214.4-238.4                      | 200x125  |
| 125-365A4       | 368-460-556                           | 102-96-83.6                        | 135.2-150.4-161.6                      | 200x125  |
| 125-365B1       | 444-554-666                           | 185.2-172-155.2                    | 283.2-320.8-352                        | 200x125  |
| 125-365B2       | 404-504-604                           | 159.2-148-131.2                    | 224-254.4-273.6                        | 200x125  |
| 125-365B3       | 364-454-544                           | 130.4-122-110                      | 171.2-196-214.4                        | 200x125  |
| 125-365B4       | 316-396-476                           | 105.2-98-87.2                      | 119.2-139.2-150.4                      | 200x125  |
| 150-290A1       | 708-886-1062                          | 96-84-70                           | 216.8-232.8-242.4                      | 200x150  |
| 150-290A2       | 646-806-968                           | 84-72-60                           | 177.6-184-192                          | 200x150  |
| 150-290A3       | 604-756-908                           | 70-60-49.2                         | 144-147.2-152.8                        | 200x150  |
| 150-290A4       | 560-700-792                           | 54.8-46-40                         | 111.2-113.6-113.6                      | 200x150  |
| 150-290B1       | 634-792-950                           | 93.6-81.6-66.4                     | 192-204.8-205.6                        | 200x150  |
| 150-290B2       | 604-756-908                           | 80-68-54.8                         | 159.2-164.8-165.6                      | 200x150  |
| 150-290B3       | 564-706-846                           | 70-58-45.2                         | 132.8-132.8-132                        | 200x150  |
| 150-290B4       | 530-662-756                           | 56-46-39.2                         | 104-104-106.4                          | 200x150  |
| 150-360A1       | 714-892-1072                          | 165.2-152-136.8                    | 387.2-434.4-483.2                      | 200x150  |
| 150-360A2       | 646-806-968                           | 136.8-124-105.2                    | 295.2-328-343.2                        | 200x150  |
| 150-360A3       | 596-740-890                           | 114.8-100-84                       | 235.2-249.6-258.4                      | 200x150  |
| 150-360A4       | 530-662-796                           | 93.6-80-66.8                       | 176.8-184.8-186.4                      | 200x150  |
| 150-360B1       | 650-814-976                           | 156.8-140-120                      | 338.4-369.6-394.4                      | 200x150  |
| 150-360B2       | 588-734-880                           | 132-118-100                        | 262.4-288-300                          | 200x150  |
| 150-360B3       | 534-668-800                           | 110-100-85.2                       | 203.2-228-238.4                        | 200x150  |
| 150-360B4       | 466-584-700                           | 91.2-82-70                         | 153.6-167.2-176                        | 200x150  |
| 150-460A1       | 692-864-1032                          | 190-174-148                        | 456-512-557.6                          | 200x150  |
| 150-460A2       | 634-792-950                           | 152-140-112.8                      | 340.8-384.8-405.6                      | 200x150  |
| 150-460B1       | 600-750-900                           | 177.6-160-138                      | 372-408-456.8                          | 200x150  |
| 150-460B2       | 520-648-780                           | 142-132-113.6                      | 268-298.4-325.6                        | 200x150  |

**TECHNICAL DATA / DATOS TÉCNICOS PSC 50 Hz n=2900 1/min**

| MODEL<br>MODELO | Flow Range<br>Rango de Caudal<br>m³/h | Head Range<br>Rango de Altura<br>m | Power Range<br>Rango de Potencia<br>kw | DN<br>mm |
|-----------------|---------------------------------------|------------------------------------|--|----------|
| 200-320A1       | 1112-1390-1668                        | 136-120-100                        | 480-519.2-537.6                        | 250x200  |
| 200-320A2       | 1036-1296-1556                        | 116-102-85.2                       | 390.4-416-432                          | 250x200  |
| 200-320A3       | 962-1202-1440                         | 100-85.2-68.8                      | 325.6-328-338.4                        | 250x200  |
| 200-320A4       | 880-1100-1224                         | 75.6-68-61.2                       | 232-258.4-263.2                        | 250x200  |
| 200-320B1       | 1020-1274-1530                        | 129.2-112-93.6                     | 421.6-449.6-464                        | 250x200  |
| 200-320B2       | 950-1188-1426                         | 114-98-80                          | 352-368.8-375.2                        | 250x200  |
| 200-320B3       | 890-1116-1340                         | 95.2-84-68.8                       | 284.8-304-307.2                        | 250x200  |
| 200-320B4       | 824-1030-1190                         | 80-68-56.8                         | 230.4-232.8-236                        | 250x200  |
| 200-420A1       | 1008-1260-1512                        | 190-170-150                        | 632.8-690.4-744.8                      | 250x200  |
| 200-420A2       | 916-1144-1374                         | 160-142-120                        | 496-533.6-550.4                        | 250x200  |
| 200-420A3       | 818-1022-1226                         | 130-110-96                         | 366.4-392-400.8                        | 250x200  |
| 200-420B1       | 934-1166-1400                         | 180-162-140                        | 558.4-612.8-655.2                      | 250x200  |
| 200-420B2       | 846-1060-1270                         | 152-138-112                        | 438.4-484.8-504.8                      | 250x200  |
| 200-420B3       | 750-936-1124                          | 126-112-96                         | 332-366.4-380                          | 250x200  |
| 250-370A1       | 1680-2102-2520                        | 176-156-134                        | 944-1016-1096                          | 300x250  |
| 250-370A2       | 1590-1988-2384                        | 150-132-110.8                      | 792-832-872                            | 300x250  |
| 250-370A3       | 1510-1886-2262                        | 126-108-84                         | 664-668.8-668.8                        | 300x250  |
| 250-370A4       | 1512-1742-2016                        | 92-80-64                           | 498.4-489.6-462.4                      | 300x250  |
| 250-370B1       | 1646-2058-2470                        | 169.2-148-124                      | 896-952-992                            | 300x250  |
| 250-370B2       | 1550-1936-2324                        | 148-128-108                        | 759.2-784.8-828.8                      | 300x250  |
| 250-370B3       | 1464-1828-2194                        | 128-108-88                         | 637.6-640-657.6                        | 300x250  |
| 250-370B4       | 1360-1700-2040                        | 102.4-88-68                        | 492.8-496.8-490.4                      | 300x250  |
| 300-300A1       | 1756-2196-2636                        | 115.2-98-80                        | 670.4-681.6-715.2                      | 350x300  |
| 300-300A2       | 1670-2088-2506                        | 94-79.2-60                         | 531.2-532.8-505.6                      | 350x300  |
| 300-300A3       | 1612-2016-2420                        | 76-62-45.6                         | 422.4-415.2-385.6                      | 350x300  |
| 300-300A4       | 1544-1930-2316                        | 60-46-30                           | 332-302.4-256                          | 350x300  |
| 300-300B1       | 1490-1872-2246                        | 104.8-92-80                        | 515.2-552-583.2                        | 350x300  |
| 300-300B2       | 1382-1728-2074                        | 96-80-63.2                         | 449.6-448-440.8                        | 350x300  |
| 300-300B3       | 1278-1600-1920                        | 80-66.8-54                         | 364-359.2-356.8                        | 350x300  |
| 300-300B4       | 1120-1400-1680                        | 70-60-48                           | 296.8-296.8-288.8                      | 350x300  |
| 300-435A1       | 2362-2952-3542                        | 170-146-114                        | 640-672-640                            | 400x300  |
| 300-435A2       | 2176-2720-3060                        | 135.2-110-96                       | 608-632-624                            | 400x300  |
| 300-435B1       | 2276-2844-3412                        | 174-150-120                        | 644-672-640                            | 400x300  |
| 300-435B2       | 2132-2664-3196                        | 140-122-99.2                       | 624-572-620                            | 400x300  |
| 350-360B1       | 2276-2844-3412                        | 142-124-103.2                      | 1064-1120-1152                         | 400x350  |
| 350-360B2       | 2136-2670-3204                        | 122-105.2-85.2                     | 880-912-920                            | 400x350  |
| 350-360B3       | 2032-2540-3048                        | 102.4-90-70                        | 720-760-744                            | 400x350  |
| 350-360B4       | 1900-2376-2794                        | 86-71.2-54.8                       | 592-592-568                            | 400x350  |

**PSC4 50 Hz n=1450 1/min**

| MODEL<br>MODELO | Flow Range<br>Rango de Caudal<br>m³/h | Head Range<br>Rango de Altura<br>m | Power Range<br>Rango de Potencia<br>kw | DN<br>mm |
|-----------------|---------------------------------------|------------------------------------|--|----------|
| 80-210A1        | 66-83-100                             | 15-13.8-12.2                       | 3.4-3.8-4.2                            | 125x80   |
| 80-210A2        | 61-76-90                              | 13-11.8-10.5                       | 2.7-3-3.3                              | 125x80   |
| 80-210A3        | 58-72-87                              | 11-9.8-8.7                         | 2.2-2.4-2.6                            | 125x80   |
| 80-210A4        | 55-69-83                              | 9.1-8.2-7                          | 1.8-2-2.1                              | 125x80   |
| 80-210B1        | 52-65-78                              | 14.2-12.8-10                       | 2.6-2.8-3.1                            | 125x80   |
| 80-210B2        | 52-64-77                              | 12-10.8-11.7                       | 2.1-2.4-3.1                            | 125x80   |
| 80-210B3        | 50-61-73                              | 10-9-7.8                           | 1.8-1.9-2                              | 125x80   |
| 80-210B4        | 47-58-70                              | 8.7-7.6-6.5                        | 1.5-1.6-1.8                            | 125x80   |
| 80-270A1        | 83-104-125                            | 24-22.5-19.5                       | 7-8.1-8.8                              | 125x80   |
| 80-270A2        | 80-99-120                             | 21.3-19-17                         | 6.1-6.6-7.4                            | 125x80   |
| 80-270A3        | 72-90-108                             | 17.5-16-13.7                       | 4.6-5.2-5.4                            | 125x80   |
| 80-270A4        | 67-84-100                             | 13.8-13-11.5                       | 3.4-4-4.3                              | 125x80   |
| 80-270B1        | 68-85-102                             | 23.1-20.7-18.2                     | 5.7-6.2-6.7                            | 125x80   |
| 80-270B2        | 61-77-92                              | 20-18.1-16                         | 4.5-5-5.3                              | 125x80   |
| 80-270B3        | 58-72-86                              | 16.5-15-13.2                       | 3.5-3.9-4.2                            | 125x80   |
| 80-270B4        | 53-67-80                              | 13.8-12.5-10.8                     | 2.7-3.1-3.2                            | 125x80   |
| 80-370A1        | 90-113-136                            | 42-38.8-33.5                       | 14.8-16.2-17.3                         | 125x80   |
| 80-370A2        | 80-99-120                             | 35-33-29.1                         | 10.6-12.1-13.3                         | 125x80   |
| 80-370A3        | 70-88-106                             | 29.3-27.5-24.7                     | 8.2-9.4-10.2                           | 125x80   |
| 80-370A4        | 65-81-98                              | 23.8-22.5-20                       | 6.4-7.4-8                              | 125x80   |
| 80-370B1        | 80-99-120                             | 38.8-35.5-31.3                     | 11.8-13.1-14.3                         | 125x80   |
| 80-370B2        | 72-90-108                             | 34.1-30.8-26.3                     | 9.7-10.8-11.4                          | 125x80   |
| 80-370B3        | 60-76-90                              | 27.5-25.5-22.5                     | 7-8-8.5                                | 125x80   |
| 80-370B4        | 53-67-80                              | 21.3-20-17.5                       | 4.9-5.7-6                              | 125x80   |
| 100-250A1       | 115-144-173                           | 21.2-18.8-17.5                     | 8.2-8.9-10                             | 150x100  |
| 100-250A2       | 112-140-167                           | 17.5-15.8-13.2                     | 6.7-7.4-7.7                            | 150x100  |
| 100-250A3       | 100-126-150                           | 14.5-13.5-11.9                     | 5.1-5.9-6.3                            | 150x100  |
| 100-250A4       | 97-120-145                            | 12.2-11.2-9.5                      | 4.2-4.7-5                              | 150x100  |
| 100-250B1       | 98-122-147                            | 18.8-17-15                         | 6.2-7-7.6                              | 150x100  |
| 100-250B2       | 90-112-135                            | 16.3-14.5-12.7                     | 5.1-5.6-6                              | 150x100  |
| 100-250B3       | 85-106-128                            | 13.7-12.5-11.3                     | 4.1-4.7-5.3                            | 150x100  |
| 100-250B4       | 75-94-113                             | 12.1-11-9.6                        | 3.3-3.7-3.9                            | 150x100  |
| 100-310A1       | 148-185-222                           | 34-31-26.8                         | 17.4-19.6-21                           | 150x100  |
| 100-310A2       | 133-166-200                           | 29.3-27-24.3                       | 13.4-15.3-17                           | 150x100  |
| 100-310A3       | 120-151-180                           | 24.8-22.5-20                       | 10.5-11.7-12.8                         | 150x100  |
| 100-310A4       | 112-140-162                           | 20.2-18.5-16.2                     | 7.9-9-9.2                              | 150x100  |
| 100-310B1       | 112-140-168                           | 32.5-29.5-25                       | 13-14.1-15.5                           | 150x100  |
| 100-310B2       | 106-133-160                           | 27.5-25.5-22                       | 10.4-11.6-12.8                         | 150x100  |
| 100-310B3       | 100-124-150                           | 23-21.2-18                         | 8.2-9-9.8                              | 150x100  |
| 100-310B4       | 94-117-140                            | 19.4-17-15                         | 6.5-6.9-7.6                            | 150x100  |
| 100-375A1       | 148-185-220                           | 57-51-44.2                         | 31.4-33.5-36                           | 150x100  |
| 100-375A2       | 133-167-200                           | 47.3-46-38                         | 24.5-28.3-29.2                         | 150x100  |
| 100-375A3       | 124-155-186                           | 41-38-31                           | 20.3-22.6-23.1                         | 150x100  |
| 100-375A4       | 108-135-162                           | 32.5-30.3-25.3                     | 14.4-14.5-16.8                         | 150x100  |
| 100-375B1       | 130-162-195                           | 56.2-52-45.8                       | 28.4-31.4-35.9                         | 150x100  |
| 100-375B2       | 114-142-170                           | 47.5-44-39                         | 22.2-23.7-27.3                         | 150x100  |
| 100-375B3       | 105-130-157                           | 40-37.5-32.5                       | 17.7-18.8-21.7                         | 150x100  |
| 100-375B4       | 92-115-138                            | 30.8-28.7-25                       | 12.7-14.3-15.4                         | 150x100  |

**TECHNICAL DATA / DATOS TÉCNICOS PSC4 50 Hz n=1450 1/min**

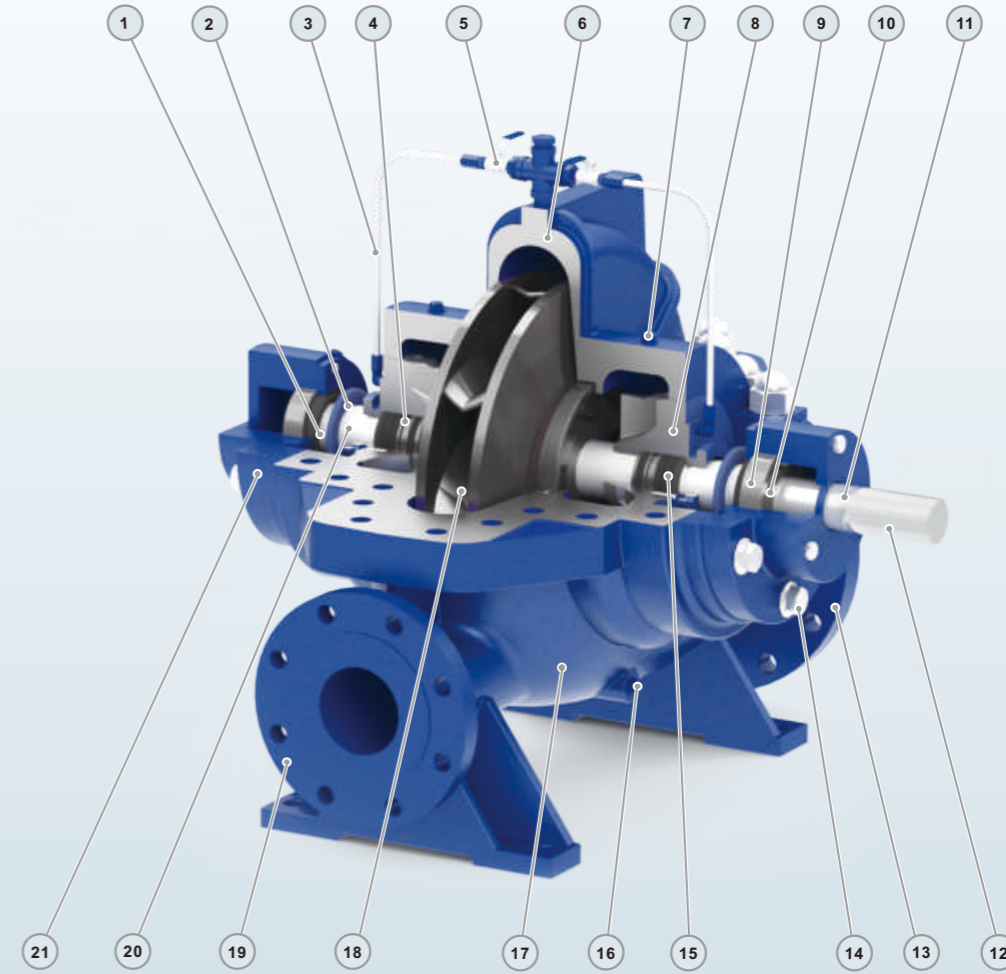
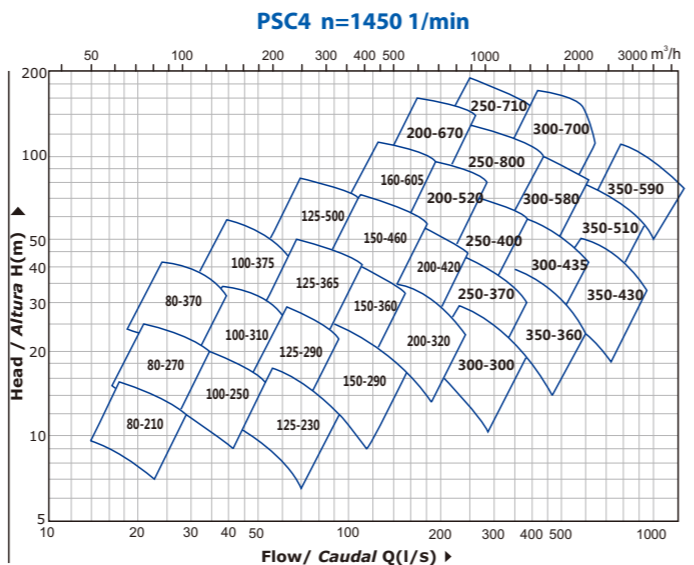
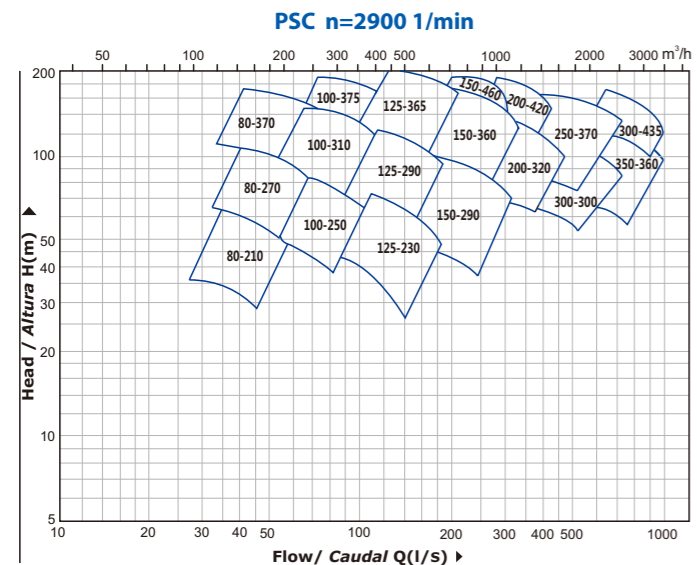
| MODEL<br>MODELO | Flow Range<br>Rango de Caudal<br>m³/h | Head Range<br>Rango de Altura<br>m | Power Range<br>Rango de Potencia<br>kw | DN<br>mm |
|-----------------|---------------------------------------|------------------------------------|--|----------|
| 125-230A1       | 220-274-328                           | 17-14.8-12                         | 12.1-12.9-13.1                         | 200x125  |
| 125-230A2       | 193-241-290                           | 15-13.2-10.8                       | 9.7-10.3-10.4                          | 200x125  |
| 125-230A3       | 184-230-277                           | 12.6-10.6-8                        | 8-8.1-8.1                              | 200x125  |
| 125-230A4       | 167-209-250                           | 10.3-8.7-6.8                       | 6.4-6.4-6.4                            | 200x125  |
| 125-230B1       | 190-238-307                           | 17-15.1-11.5                       | 10.5-11.6-12                           | 200x125  |
| 125-230B2       | 170-212-255                           | 15-13.5-11.4                       | 8.6-9.3-9.7                            | 200x125  |
| 125-230B3       | 164-205-246                           | 13-11.5-9.2                        | 7.5-7.8-7.9                            | 200x125  |
| 125-230B4       | 156-195-223                           | 10.5-9.1-7.7                       | 5.9-6.2-6.3                            | 200x125  |
| 125-290A1       | 215-269-323                           | 29.2-27-23.5                       | 20.8-23.6-25.2                         | 200x125  |
| 125-290A2       | 195-243-292                           | 24.4-22-19.6                       | 16.1-17.8-19.5                         | 200x125  |
| 125-290A3       | 178-223-268                           | 20-18-15.5                         | 12.3-13.7-14.4                         | 200x125  |
| 125-290A4       | 161-202-242                           | 16.3-14.2-11.8                     | 9.3-10-10.2                            | 200x125  |
| 125-290B1       | 193-241-290                           | 27.5-25-21.3                       | 17.8-19.8-20.6                         | 200x125  |
| 125-290B2       | 174-218-261                           | 23.4-21-17.5                       | 13.9-15.2-16                           | 200x125  |
| 125-290B3       | 157-196-235                           | 19-17.5-15                         | 10.4-11.8-12.3                         | 200x125  |
| 125-290B4       | 138-173-207                           | 15.1-13.7-11.3                     | 7.7-8.5-8.6                            | 200x125  |
| 125-365A1       | 245-310-360                           | 50-47-44                           | 41.2-47.2-52.3                         | 200x125  |
| 125-365A2       | 225-281-337                           | 41.6-39-35.6                       | 31.8-36-40.4                           | 200x125  |
| 125-365A3       | 205-256-307                           | 33.7-31.5-28.2                     | 24.2-26.8-29.8                         | 200x125  |
| 125-365A4       | 184-230-278                           | 25.5-24-20.9                       | 16.9-18.8-20.2                         | 200x125  |
| 125-365B1       | 222-277-333                           | 46.3-43-38.8                       | 35.4-40.1-44                           | 200x125  |
| 125-365B2       | 202-252-302                           | 39.8-37-32.8                       | 28-31.8-34.2                           | 200x125  |
| 125-365B3       | 182-227-272                           | 32.6-30.5-27.5                     | 21.4-24.5-26.8                         | 200x125  |
| 125-365B4       | 158-198-238                           | 26.3-24.5-21.8                     | 14.9-17.4-18.8                         | 200x125  |
| 125-500A1       | 262-328-393                           | 82-76-70                           | 73.7-82.7-96.4                         | 200x125  |
| 125-500A2       | 233-292-342                           | 70-66.5-62                         | 56.7-67.3-74.8                         | 200x125  |
| 125-500A3       | 205-256-307                           | 60-56-51.5                         | 44-50.6-56.6                           | 200x125  |
| 125-500A4       | 184-230-252                           | 50-47-45                           | 34.2-38.8-40.7                         | 200x125  |
| 125-500B1       | 235-293-352                           | 75-69.5-63                         | 61.7-70.3-78.5                         | 200x125  |
| 125-500B2       | 217-272-326                           | 65-60.5-55                         | 50.1-57.4-64.3                         | 200x125  |
| 125-500B3       | 181-227-272                           | 57-53-48.3                         | 37.5-42.5-47.3                         | 200x125  |
| 125-500B4       | 161-202-234                           | 47.5-45-40                         | 28.2-32.5-34.5                         | 200x125  |
| 150-290A1       | 354-443-531                           | 24-21-17.5                         | 27.1-29.1-30.3                         | 200x150  |
| 150-290A2       | 323-403-484                           | 21-18-15                           | 22.2-23-24                             | 200x150  |
| 150-290A3       | 302-378-454                           | 17.5-15-12.3                       | 18-18.4-19.1                           | 200x150  |
| 150-290A4       | 280-350-396                           | 13.7-11.5-10                       | 13.9-14.2-14.2                         | 200x150  |
| 150-290B1       | 317-396-475                           | 23.4-20.4-16.6                     | 24-25.6-25.7                           | 200x150  |
| 150-290B2       | 302-378-454                           | 20-17-13.7                         | 19.9-20.6-20.7                         | 200x150  |
| 150-290B3       | 282-353-423                           | 17.5-14.5-11.3                     | 16.6-16.6-16.5                         | 200x150  |
| 150-290B4       | 265-331-378                           | 14-11.5-9.8                        | 13-13-13.3                             | 200x150  |
| 150-360A1       | 357-446-536                           | 41.3-38-34.2                       | 48.4-54.3-60.4                         | 200x150  |
| 150-360A2       | 323-403-484                           | 34.2-31-26.3                       | 36.9-41-42.9                           | 200x150  |
| 150-360A3       | 298-370-445                           | 28.7-25-21                         | 29.4-31.2-32.3                         | 200x150  |
| 150-360A4       | 265-331-398                           | 23.4-20-16.7                       | 22.1-23.1-23.3                         | 200x150  |
| 150-360B1       | 325-407-488                           | 39.2-35-30                         | 42.3-46.2-49.3                         | 200x150  |
| 150-360B2       | 294-367-440                           | 33-29.5-25                         | 32.8-36-37.5                           | 200x150  |
| 150-360B3       | 267-334-400                           | 27.5-25-21.3                       | 25.4-28.5-29.8                         | 200x150  |
| 150-360B4       | 233-292-350                           | 22.8-20.5-17.5                     | 19.2-20.9-22                           | 200x150  |
| 150-460A1       | 412-515-618                           | 71-66-60                           | 99.4-112.8-126.2                       | 200x150  |
| 150-460A2       | 377-472-566                           | 58-54.5-48                         | 75.2-86.4-94.9                         | 200x150  |
| 150-460A3       | 346-432-516                           | 47.5-43.5-37                       | 57-64-69.7                             | 200x150  |
| 150-460A4       | 317-396-475                           | 38-35-28.2                         | 42.6-48.1-50.7                         | 200x150  |
| 150-460B1       | 350-440-527                           | 65-60-53.5                         | 78.3-88.6-97.6                         | 200x150  |
| 150-460B2       | 323-403-484                           | 54-50-44.5                         | 60.3-68.2-75.2                         | 200x150  |
| 150-460B3       | 300-375-450                           | 44.4-40-34.5                       | 46.5-51-57.1                           | 200x150  |
| 150-460B4       | 260-324-390                           | 35.5-33-28.4                       | 33.5-37.3-40.7                         | 200x150  |
| 150-605A1       | 467-583-700                           | 112-105-95.5                       | 182.6-206-233.4                        | 200x150  |
| 150-605A2       | 440-550-648                           | 96-88.5-81                         | 151.1-168-187.5                        | 200x150  |
| 150-605A3       | 412-515-605                           | 82-75-68                           | 120-134.8-151.4                        | 200x150  |

**TECHNICAL DATA / DATOS TÉCNICOS PSC4 50 Hz n=1450 1/min**

| MODELO<br>MODELO | Flow Range<br>Rango de Caudal<br>m³/h | Head Range<br>Rango de Altura<br>m | Power Range<br>Rango de Potencia<br>kw | DN<br>mm |
|------------------|---------------------------------------|------------------------------------|--|----------|
| 250-710A1        | 904-1130-1356                         | 184-175-164                        | 579-674-775                            | 300x250  |
| 250-710A2        | 782-978-1174                          | 161-152-141                        | 444-513-578                            | 300x250  |
| 250-710A3        | 738-922-1106                          | 136-128-118                        | 358-415-465                            | 300x250  |
| 250-710A4        | 692-865-1038                          | 113-106-99                         | 280-325-360                            | 300x250  |
| 300-300A1        | 878-1098-1318                         | 28.8-24.5-20                       | 83.8-85.2-89.4                         | 350x300  |
| 300-300A2        | 835-1044-1253                         | 23.5-19.8-15                       | 66.4-66.6-63.2                         | 350x300  |
| 300-300A3        | 806-1008-1210                         | 19-15.5-11.4                       | 52.8-51.9-48.2                         | 350x300  |
| 300-300A4        | 772-965-1158                          | 15-11.5-7.5                        | 41.5-37.8-32                           | 350x300  |
| 300-300B1        | 745-936-1123                          | 26.2-23-20                         | 64.4-69-72.9                           | 350x300  |
| 300-300B2        | 691-864-1037                          | 24-20-15.8                         | 56.2-56-55.1                           | 350x300  |
| 300-300B3        | 639-800-960                           | 20-16.7-13.5                       | 45.5-44.9-44.6                         | 350x300  |
| 300-300B4        | 560-700-840                           | 17.5-15-12                         | 37.1-37.1-36.1                         | 350x300  |
| 300-435A1        | 1342-1677-2012                        | 60-53-46                           | 257-275-295                            | 400x300  |
| 300-435A2        | 1262-1577-1892                        | 52-45-37.5                         | 213-223-230                            | 400x300  |
| 300-435A3        | 1181-1476-1771                        | 42.5-36.5-28.5                     | 171-175-172                            | 400x300  |
| 300-435A4        | 1088-1360-1530                        | 33.8-27.5-24                       | 132-129-128                            | 400x300  |
| 300-435B1        | 1396-1620-1944                        | 57.5-51.5-43.5                     | 240-260-273                            | 400x300  |
| 300-435B2        | 1215-1519-1823                        | 51.5-45-37.5                       | 206-215-222                            | 400x300  |
| 300-435B3        | 1138-1422-1706                        | 43.5-37.5-30                       | 168-173-174                            | 400x300  |
| 300-435B4        | 1066-1332-1598                        | 35-30.5-24.8                       | 130-136-138                            | 400x300  |
| 300-560A1        | 1397-1745-2095                        | 101.5-94-83.5                      | 454-520-570                            | 400x300  |
| 300-560A2        | 1316-1645-1974                        | 83.5-76-67                         | 357-398-433                            | 400x300  |
| 300-560A3        | 1258-1573-1888                        | 68-63-54                           | 281-313-339                            | 400x300  |
| 300-560A4        | 1213-1516-1819                        | 57-50-42                           | 232-247-260                            | 400x300  |
| 300-560B1        | 1238-1548-1858                        | 88.5-80-70                         | 359-399-427                            | 400x300  |
| 300-560B2        | 1158-1447-1736                        | 75-67-57                           | 286-316-331                            | 400x300  |
| 300-560B3        | 1089-1361-1633                        | 64-57-50                           | 235-255-273                            | 400x300  |
| 300-560B4        | 1026-1282-1538                        | 53-47.5-41                         | 186-204-213                            | 400x300  |
| 300-700A1        | 1469-1836-2070                        | 170-160-151                        | 810-941-1012                           | 400x300  |
| 300-700A2        | 1388-1735-2082                        | 147-136-125                        | 662-760-854                            | 400x300  |
| 300-700A3        | 1298-1623-1948                        | 122-112-100                        | 521-567-647                            | 400x300  |
| 300-700A4        | 1230-1537-1845                        | 100-91-80                          | 408-454-500                            | 400x300  |

**PSC4 50 Hz n=1450 1/min**

| MODELO<br>MODELO | Flow Range<br>Rango de Caudal<br>m³/h | Head Range<br>Rango de Altura<br>m | Power Range<br>Rango de Potencia<br>kw | DN<br>mm |
|------------------|---------------------------------------|------------------------------------|--|----------|
| 300-700B1        | 1350-1688-2026                        | 152-139-124                        | 679-765-840                            | 400x300  |
| 300-700B2        | 1258-1573-1888                        | 130-119-105                        | 544-614-667                            | 400x300  |
| 300-700B3        | 1160-1450-1740                        | 108-99-87                          | 422-474-512                            | 400x300  |
| 300-700B4        | 1074-1342-1610                        | 90-81-71.5                         | 328-361-391                            | 400x300  |
| 350-360A1        | 1385-1731-2077                        | 37.5-32-25                         | 171-175-175                            | 400x350  |
| 350-360A2        | 1354-1692-2030                        | 32-26.5-20                         | 146-144-138                            | 400x350  |
| 350-360A3        | 1313-1641-1969                        | 26.5-21-15                         | 120-113-103                            | 400x350  |
| 350-360A4        | 1282-1602-1922                        | 20-15-9                            | 91-81-64                               | 400x350  |
| 350-360B1        | 1138-1422-1706                        | 35.5-31-25.8                       | 133-140-144                            | 400x350  |
| 350-360B2        | 1068-1335-1602                        | 30.5-26.3-21.3                     | 110-114-115                            | 400x350  |
| 350-360B3        | 1016-1270-1524                        | 25.6-22.5-17.5                     | 90-95-93                               | 400x350  |
| 350-360B4        | 950-1188-1397                         | 21.5-17.8-13.7                     | 74-74-71                               | 400x350  |
| 350-430A1        | 2194-2743-3292                        | 49.5-43.5-35                       | 353-371-371                            | 450x350  |
| 350-430A2        | 2108-2635-3162                        | 41.5-35-27                         | 291-294-281                            | 450x350  |
| 350-430A3        | 2050-2563-3076                        | 33-27.5-20                         | 231-229-210                            | 450x350  |
| 350-430A4        | 1987-2484-2981                        | 27-21.5-15                         | 187-180-160                            | 450x350  |
| 350-430B1        | 1786-2232-2678                        | 48-42.5-35                         | 277-299-303                            | 450x350  |
| 350-430B2        | 1670-2088-2506                        | 42.5-36-28.8                       | 237-242-240                            | 450x350  |
| 350-430B3        | 1590-1987-2384                        | 35-30-23.5                         | 193-198-195                            | 450x350  |
| 350-430B4        | 1486-1858-2230                        | 30-25-18.5                         | 160-161-148                            | 450x350  |
| 350-510A1        | 2088-2610-3132                        | 80-70-60                           | 529-562-605                            | 400x350  |
| 350-510A2        | 1944-2430-2916                        | 68-60-50                           | 426-456-473                            | 400x350  |
| 350-510A3        | 1786-2232-2678                        | 57.5-50-40                         | 345-353-360                            | 400x350  |
| 350-510A4        | 1656-2070-2484                        | 45-38-30                           | 267-271-264                            | 400x350  |
| 350-510B1        | 1958-2448-2938                        | 76-67-57                           | 466-508-531                            | 400x350  |
| 350-510B2        | 1814-2268-2722                        | 67.5-59.5-50                       | 393-422-436                            | 400x350  |
| 350-510B3        | 1670-2088-2506                        | 58-50-41.5                         | 320-335-344                            | 400x350  |
| 350-510B4        | 1555-1944-2333                        | 47.5-41.5-34.5                     | 258-265-274                            | 400x350  |
| 350-590A1        | 3036-3795-4500                        | 100-90-78                          | 956-1046-1139                          | 500x350  |
| 350-590A2        | 2834-3543-4162                        | 88-77.2-66                         | 800-857-891                            | 500x350  |
| 350-590A3        | 2604-3255-3906                        | 74-64.3-53                         | 648-663-688                            | 500x350  |
| 350-590A4        | 2556-3020-3623                        | 56-48.9-40.6                       | 497-509-517                            | 500x350  |

**MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL**

**PERFORMANCE CHART / TABLA DE FUNCIONAMIENTO**


| No. | Description<br>Descripción          | Material<br>Material   | No. | Description<br>Descripción          | Material<br>Material                   | No. | Description<br>Descripción                                     | Material<br>Material                            |
|-----|-------------------------------------|------------------------|-----|-------------------------------------|--|-----|--|---|
| 1   | Block ring<br>Anillo de bloqueo     | Rubber<br>Caucho       | 8   | Seal house<br>Casa de sello         | Cast iron<br>Fundición                 | 15  | Gland seal(Mechanical Seal)<br>Sello glándula(Cierre Mecánico) | Synthepak(SiC-Carbon)<br>Synthepak(SiC-Grafito) |
| 2   | O-ring<br>Junta tórica              | Rubber<br>Caucho       | 9   | Bearing<br>Rodamiento               | Ball Bearing<br>Bola Rodamiento        | 16  | Release Valve<br>Tapón Cebado                                  | Brass<br>Bronce                                 |
| 3   | Flushing pipe<br>Tubo de enjuague   | SS304<br>Inox 304      | 10  | Lock washer<br>Arandela de bloquear | Steel<br>Acero                         | 17  | Pump Case<br>Cuerpo de Bomba                                   | Cast iron<br>Fundición                          |
| 4   | Packing ring<br>Arandela            | Carbon<br>Grafito      | 11  | Shaft<br>Eje                        | SS304/45# Steel<br>Inox 304/45# Hierro | 18  | Impeller<br>Impulsor   | SS304/Cast iron<br>Inox 304/Fundición           |
| 5   | Valve<br>Valva                      | Brass<br>Bronce        | 12  | Shaft Key<br>Chaveta Eje            | Iron<br>Hierro                         | 19  | Output flange<br>Brida de salida                               | Cast iron<br>Fundición                          |
| 6   | Pump cover<br>Tapa de bomba         | Cast iron<br>Fundición | 13  | Input flange<br>Brida de entrada    | Cast iron<br>Fundición                 | 20  | Shaft sleeve<br>Manga de eje                                   | SS304<br>Inox 304                               |
| 7   | Vent plug<br>Enchufe de ventilación | Brass<br>Bronce        | 14  | Bolt<br>Perno                       | Steel<br>Acero                         | 21  | Bearing house<br>Casa de rodamiento                            | Cast iron<br>Fundición                          |



## PXZ

### Self-priming centrifugal pump Bomba centrífuga autocebante



## NEW / NUEVO

### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New self-priming centrifugal pump
- ▶ Original design by PURITY (patented)
- ▶ Both square motor & round motor available
- ▶ YE3 high efficient motor, with protection IP55 class F
- ▶ Pump case with anti-corrosive coating
- ▶ Impeller in stainless steel AISI 304 or cast iron
- ▶ Shaft in stainless steel AISI 304 or galvanized iron
- ▶ Suction and discharge port in G20 thread
- ▶ Quality NSK bearing, wear resistance mechanical seal
- ▶ Nuevas bombas centrífugas autocebantes
- ▶ Diseño original de PURITY (Patentado)
- ▶ Motor redondo y cuadrado disponible
- ▶ Motor de eficiencia YE3 con Protección IP55 clase F
- ▶ Cuerpo de bomba con tratamiento anti-corrosión
- ▶ Impulsor en inox AISI304 o fundición
- ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
- ▶ Aspiración e impulsión en fundición G20 roscada
- ▶ Rodamiento de marca NSK y cierre mecánico personalizado

### APPLICATIONS / APLICACIONES

- ▶ Suitable for use with liquids that are not chemically aggressive towards the materials from which the pump is made. The self-priming centrifugal pumps are recommended for use in water supply systems, washing systems, pressure systems, irrigation pumps, liquids transfer.
- ▶ Son recomendadas para bombear sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba. Las Bombas centrífugas autocebante diseñadas para abastecimiento de agua, sistemas de lavado, sistemas de presión, riego, trasiego de agua.

### USING LIMITS / LÍMITES DE UTILIZACIÓN

- ▶ Liquid temperature between  $-10^{\circ}\text{C}$  and  $+120^{\circ}\text{C}$
- ▶ Ambient temperature up to  $+50^{\circ}\text{C}$
- ▶ Max. working pressure **16 bar**
- ▶ Continuous service **S1**
- ▶ Temperatura del líquido de  $-10^{\circ}\text{C}$  hasta  $+120^{\circ}\text{C}$
- ▶ Temperatura ambiente hasta  $+50^{\circ}\text{C}$
- ▶ Presión máxima en el cuerpo de la bomba **16 bar**
- ▶ Funcionamiento continuo **S1**

### PATENTS / PATENTES

- ▶ Registered model PXZ
- ▶ Registered Patent Design n° 201530016935.4
- ▶ Registrado modelo PXZ
- ▶ Registrado patente diseño n° 201530016935.4

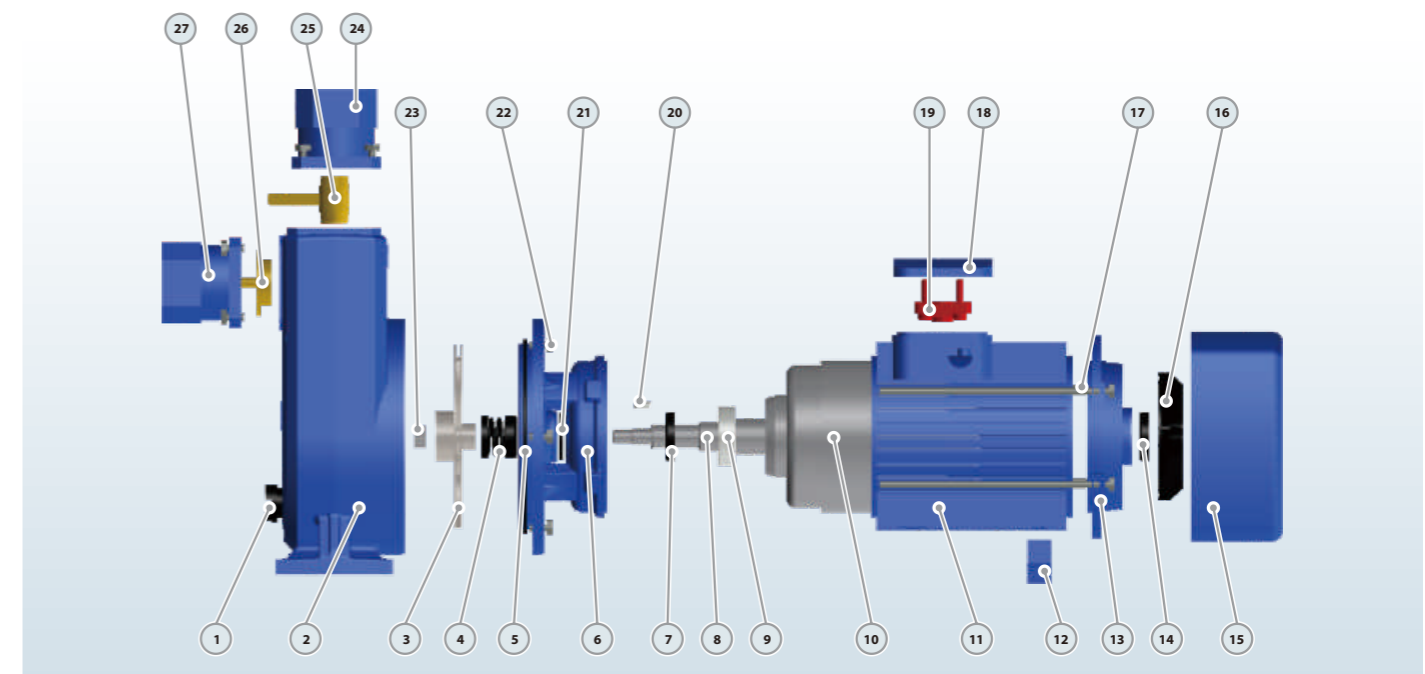
### TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=2900 1/min

| MODEL MODELO            |                       | Power Potencia |     | Max Q Q máximo | Max H H máximo | Rated Q Q nominal | Rated H H nominal | Suction H H aspiración | RPM  | Impeller Impulsor     | DN    |
|-------------------------|-----------------------|----------------|-----|----------------|----------------|-------------------|-------------------|------------------------|------|-----------------------|-------|
| Single-phase Monofásico | Three-phase Trifásico | hp             | kw  | m³/h           | m              | m³/h              | m                 | m                      |      |                       | mm    |
| 15-30-1.5m              | 15-30-1.5             | 1.5            | 2   | 15             | 30             | 8                 | 23                | 8                      | 2900 | SS304 / Inox304       | 40x40 |
| 18-28-1.5m              | 18-28-1.5             | 1.5            | 2   | 18             | 28             | 10                | 20                | 8                      | 2900 | SS304 / Inox304       | 50x50 |
| 18-35-2.2m              | 18-35-2.2             | 2.2            | 3   | 18             | 35             | 10                | 25                | 8                      | 2900 | SS304 / Inox304       | 40x40 |
| 20-32-2.2m              | 20-32-2.2             | 2.2            | 3   | 20             | 32             | 12                | 22                | 8                      | 2900 | SS304 / Inox304       | 50x50 |
| 22-40-3m                | 22-40-3               | 3              | 4   | 22             | 40             | 12                | 28                | 8                      | 2900 | SS304 / Inox304       | 50x50 |
| -                       | 25-45-4               | 4              | 5.5 | 25             | 45             | 15                | 30                | 8                      | 2900 | SS304 / Inox304       | 50x50 |
| W15-25-1.5m             | W15-25-1.5            | 1.5            | 2   | 15             | 25             | 10                | 18                | 8                      | 2900 | Cast iron / Fundición | 50x50 |
| W18-30-2.2m             | W18-30-2.2            | 2.2            | 3   | 18             | 30             | 10                | 20                | 8                      | 2900 | Cast iron / Fundición | 50x50 |
| W25-35-3m               | W25-35-3              | 3              | 4   | 25             | 35             | 12                | 22                | 8                      | 2900 | Cast iron / Fundición | 50x50 |
| -                       | W28-38-4              | 4              | 5.5 | 28             | 38             | 15                | 25                | 8                      | 2900 | Cast iron / Fundición | 50x50 |

W=Sewage water available/ Aguas sucias disponible

### MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



| No. | Description Descripción         | Material Material                    | No. | Description Descripción            | Material Material                           | No. | Description Descripción         | Material Material                  |
|-----|---------------------------------|--------------------------------------|-----|------------------------------------|---|-----|---------------------------------|------------------------------------|
| 1   | Release Valve Tapón Cebado      | Plastic Plástico                     | 10  | Wound Stator/Rotor Estator / Rotor | Silicon Steel/Copper Acero al Silicio/Cobre | 19  | Terminal Board Tablero de Bomes | Plastic Plástico                   |
| 2   | Pump Case Cuerpo de Bomba       | Cast iron Fundición                  | 11  | Motor Case Cuerpo de Motor         | Aluminum Aluminio                           | 20  | Impeller Key Chaveta Impulsor   | Iron Hierro                        |
| 3   | Impeller Impulsor               | SS304/Cast iron Inox304/Fundición    | 12  | Support Foot Soporte Pie           | Plastic Plástico                            | 21  | Water Deflector Deflector       | Rubber Caucho                      |
| 4   | Mechanical Seal Cierre Mecánico | SiC/Carbon/SS304 SiC-Grafito-Inox304 | 13  | Back Cover Tapa Trasera            | Cast iron Fundición                         | 22  | Connection Bolt Perno           | Steel Acero                        |
| 5   | O-ring Junta Tórica             | Rubber Caucho                        | 14  | Reinforced Seal Sello Reforzado    | Rubber Caucho                               | 23  | Impeller Nut Tuerca de Impulsor | Galvanized Steel Acero Galvanizado |
| 6   | Connection Conexión             | Cast iron Fundición                  | 15  | Fan Cover Tapa Ventilador          | Aluminum Aluminio                           | 24  | Discharge Impulsión             | Cast iron Fundición                |
| 7   | Reinforced Seal Sello Reforzado | Rubber Caucho                        | 16  | Fan Ventilador                     | Plastic Plástico                            | 25  | Ball Valve Válvula Bola         | Brass Bronce                       |
| 8   | Shaft Eje                       | SS304/45# Steel Inox 304/45# Hierro  | 17  | Through Bolt Perno                 | Steel Acero                                 | 26  | Check Valve Válvula Retención   | Brass Bronce                       |
| 9   | Bearing Rodamiento              | Ball Bearing Bola Rodamiento         | 18  | Terminal Box Caja de Bomes         | Aluminum Aluminio                           | 27  | Suction Aspiración              | Cast iron Fundición                |

## PCm

### Centrifugal pump

### Bomba centrífuga



## PJm

### Self-priming JET pump

### Bomba autocebante JET



## NEW / NUEVO

### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ Both square motor & round motor available
  - ▶ YE3 high efficient motor, with protection IP55 class F
  - ▶ Pump case with anti-corrosive coating
  - ▶ Impeller in brass
  - ▶ Shaft in stainless steel AISI 304 or galvanized iron
  - ▶ Suction and discharge port in G20 thread
  - ▶ Quality NSK bearing, wear resistance mechanical seal
- 
- ▶ Motor redondo y cuadrado disponible
  - ▶ Motor de eficiencia YE3 con Protección IP55 clase F
  - ▶ Cuerpo de bomba con tratamiento anti-corrosión
  - ▶ Impulsor en bronce
  - ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
  - ▶ Aspiración e impulsión en fundición G20 roscada
  - ▶ Rodamiento de marca NSK y cierre mecánico personalizado

### APPLICATIONS / APLICACIONES

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. These pumps are recommended for use in irrigation pumps, cooling systems, air conditioning systems, water supply systems, liquids transfer, pressure systems.

Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.

Las Bombas diseñadas para irrigación, sistemas de enfriamiento, sistemas de acondicionamiento, abastecimiento de agua, trasiego de agua, sistemas de presión.

### USING LIMITS / LÍMITES DE UTILIZACIÓN

Liquid temperature between **-10°C** and **+120°C**  
 Ambient temperature up to **+50°C**  
 Max. working pressure **10 bar**  
 Continuous service **S1**

Temperatura del líquido de **-10 °C** hasta **+120 °C**  
 Temperatura ambiente hasta **+50 °C**  
 Presión máxima en el cuerpo de la bomba **10 bar**  
 Funcionamiento continuo **S1**

### TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=2900 1/min

| MODEL<br>MODELO | Power<br>Potencia |    | l/min<br>m³/h | Q=DELIVERY / CAUDAL |    |    |      |    |      |    |    |      |    |      | DN<br>mm |
|-----------------|-------------------|----|---------------|---------------------|----|----|------|----|------|----|----|------|----|------|----------|
|                 | kw                | hp |               | 0                   | 5  | 10 | 20   | 30 | 40   | 50 | 60 | 70   | 80 | 90   |          |
| PCm 158         | 0.75              | 1  | H(m)          | 33                  | 33 | 33 | 32.5 | 32 | 31.5 | 30 | 29 | 27.5 | 26 | 24.5 | 25x25    |

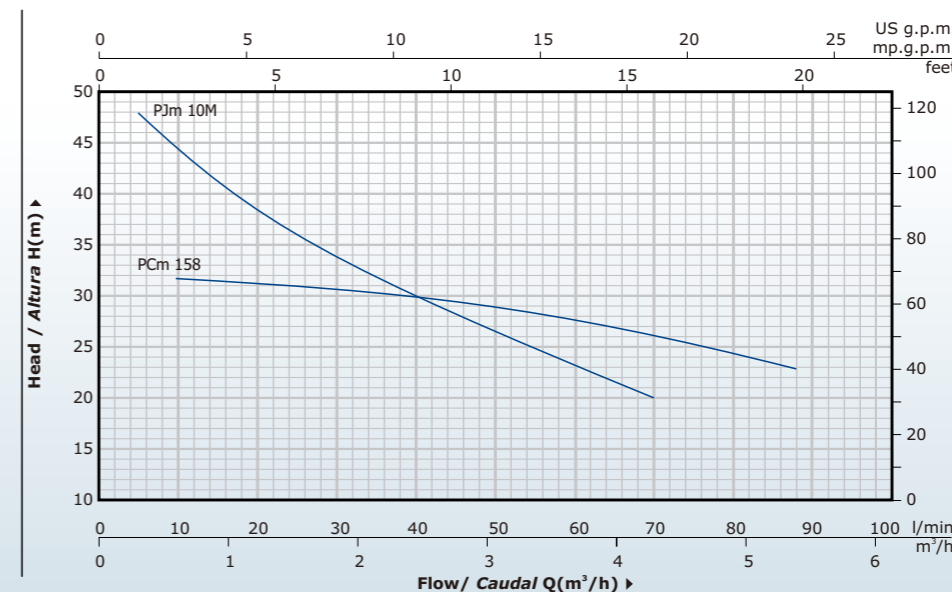
### TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=2900 1/min

| MODEL<br>MODELO | Power<br>Potencia |    | l/min<br>m³/h | Q=DELIVERY / CAUDAL |    |    |      |    |    |      |      |    |      |    | DN<br>mm |
|-----------------|-------------------|----|---------------|---------------------|----|----|------|----|----|------|------|----|------|----|----------|
|                 | kw                | hp |               | 0                   | 5  | 10 | 20   | 25 | 30 | 40   | 45   | 50 | 60   | 70 |          |
| PJm 10M         | 0.75              | 1  | H(m)          | 50                  | 47 | 44 | 38.5 | 36 | 34 | 29.5 | 27.5 | 26 | 22.5 | 20 | 25x25    |

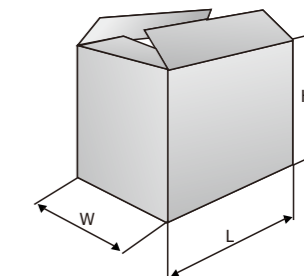
### PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min



### DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS

| MODEL<br>MODELO | DN<br>(Inch) | N.W<br>(kg) | LxWxH<br>(cm) |
|-----------------|--------------|-------------|---------------|
| PCm 158         | 1"x1"        | 11.0        | 29x19x24      |
| PJm 10M         | 1"x1"        | 13.5        | 39x18x20      |







## WQV

### Vortex cutting submersible pump

### Vórtice bomba sumergible de corte



## NEW / NUEVO

### TECHNICAL DESCRIPTION / DESCRIPCIONES TÉCNICAS

- ▶ New cutting submersible sewage pumps
  - ▶ Equipped with vortex alloy impeller with 48HR(hardness)
  - ▶ Better hydraulic characteristics
  - ▶ Pump case in heavy gauge robust cast iron HT250
  - ▶ Casing resistant to abrasion and long-lasting
  - ▶ YE3 high efficient motor, with protection IP68 class F
  - ▶ Shaft in stainless steel AISI 304 or galvanized iron
  - ▶ Discharge port with bolts,nuts and gaskets
  - ▶ Quality NSK bearing, wear resistance mechanical seal
- ▶ Nuevas vórtice bombas sumergibles de corte
  - ▶ Impulsor en aleación vortex 48HR(dureza)
  - ▶ Mejores características hidráulicas
  - ▶ Cuerpo de bomba en fundición HT250 por una gran robustez
  - ▶ Cuerpo de alta resistencia a la abrasión y duración en el tiempo
  - ▶ Motor de eficiencia YE3 con Protección IP68 clase F
  - ▶ Eje de la bomba en inox AISI304 o hierro galvanizado
  - ▶ Impulsión con pernos, tuercas y empaques
  - ▶ Rodamiento de marca NSK y cierre mecánico personalizado

### APPLICATIONS / APLICACIONES

The WQV series pumps, manufactured from heavy gauge robust cast iron, resistant to abrasion and long-lasting, are equipped with a VORTEX impeller and are therefore suitable for draining dirty, filthy and refluxant water, and water mixed with putrid mud. They are suitable for installation in sewers, tunnels, excavations, canal, underground car parks, etc.

Las bombas sumergibles WQV, construidas en hierro fundido con espesor de material consistente, se caracterizan por una gran robustez, alta resistencia a la abrasión y duración en el tiempo. Equipadas con rodete tipo VORTEX. Son adecuadas para el drenaje de aguas cargadas, densas, aguas mixtas con fango, fangos agitados y podridos. Son indicadas para la instalación en cloacas, túneles, excavaciones, canales, aparcamientos subterráneos etc.

### USING LIMITS / LÍMITES DE UTILIZACIÓN

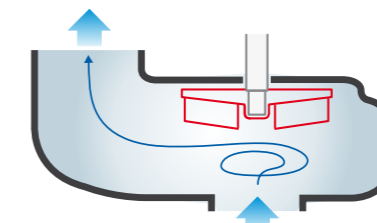
- ▶ Temperature of the liquid to **+40 °C**
  - ▶ **10 m** maximum immersion depth (with a sufficiently long power cable)
  - ▶ Solids passage: from **25mm** to **65mm**
- ▶ Temperatura del líquido hasta **+40 °C**
  - ▶ Profundidad máxima de uso hasta **10 m** (con cable de alimentación de longitud adecuada)
  - ▶ Pasaje máximo de cuerpos sólidos en suspensión: **-De 25mm hasta 65mm**

### TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=2900/1450 1/min

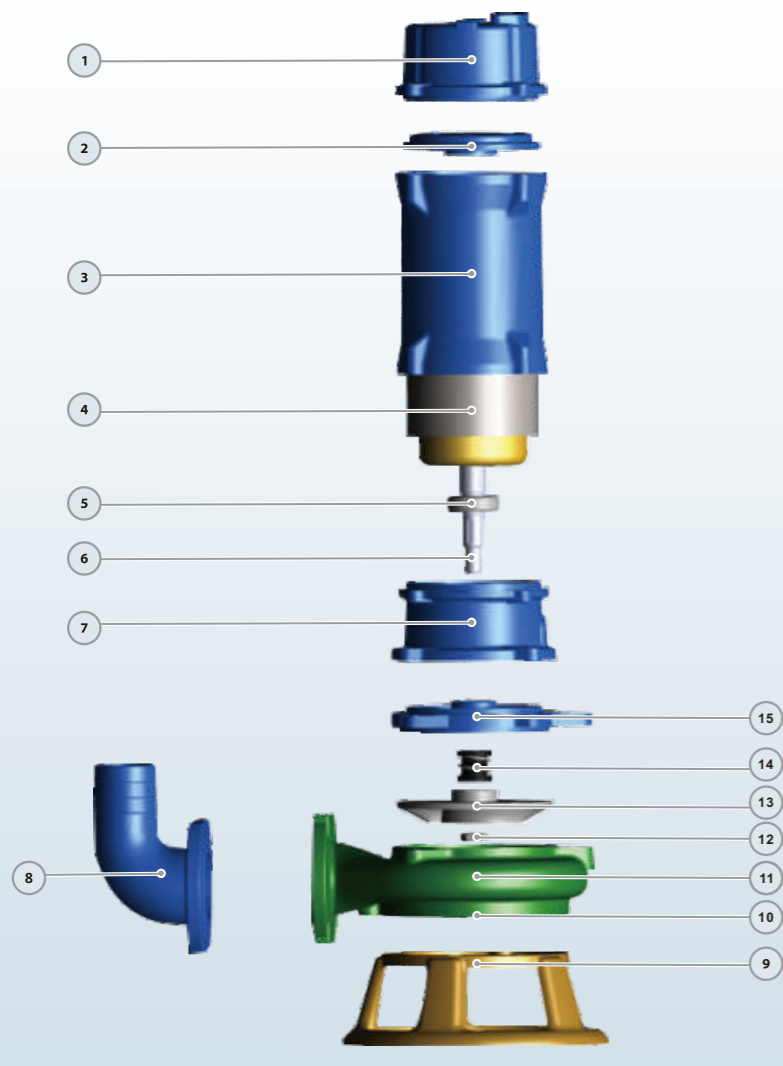
| MODEL MODELO            |                       | Power Potencia |      | Rated Q Q nominal | Rated H H nominal | RPM  | DN  | KGS  | DIM       |
|-------------------------|-----------------------|----------------|------|-------------------|-------------------|------|-----|------|-----------|
| Single-phase Monofásico | Three-phase Trifásico | hp             | kw   | m³/h              | m                 |      | mm  |      | cm        |
| 40WQV10-10-0.75D        | 40WQV10-10-0.75       | 1              | 0.75 | 10                | 10                | 2900 | 40  | 22.5 | 48*20*22  |
| 40WQV12-10-1.1D         | 40WQV12-10-1.1        | 1.5            | 1.1  | 12                | 10                | 2900 | 40  | 23.7 | 48*20*22  |
| 50WQV10-10-0.75D        | 50WQV10-10-0.75       | 1              | 0.75 | 10                | 10                | 2900 | 50  | 22.5 | 48*20*22  |
| 50WQV12-10-1.1D         | 50WQV12-10-1.1        | 1.5            | 1.1  | 12                | 10                | 2900 | 50  | 23.7 | 48*20*22  |
| -                       | 50WQV9-22-2.2         | 3              | 2.2  | 9                 | 22                | 2900 | 50  | 40.1 | 61*29*29  |
| -                       | 65WQV25-15-2.2        | 3              | 2.2  | 25                | 15                | 2900 | 65  | 41.4 | 61*29*29  |
| -                       | 80WQV45-9-2.2         | 3              | 2.2  | 45                | 9                 | 2900 | 80  | 43.4 | 61*29*29  |
| -                       | 50WQV20-22-3          | 4              | 3    | 20                | 22                | 2900 | 50  | 45.8 | 63*26*30  |
| -                       | 65WQV35-15-3          | 4              | 3    | 35                | 15                | 2900 | 65  | 46.6 | 63*26*30  |
| -                       | 80WQV43-13-3          | 4              | 3    | 43                | 13                | 2900 | 80  | 47.4 | 63*26*30  |
| -                       | 65WQV25-22-4          | 5.5            | 4    | 25                | 22                | 2900 | 65  | 52.2 | 64*29*32  |
| -                       | 80WQV45-17-4          | 5.5            | 4    | 45                | 17                | 2900 | 80  | 52.9 | 64*29*32  |
| -                       | 80WQV30-25-4          | 5.5            | 4    | 30                | 25                | 2900 | 80  | 53.5 | 64*29*32  |
| -                       | 80WQV45-20-5.5        | 7.5            | 5.5  | 45                | 20                | 2900 | 80  | 62.5 | 73*29*34  |
| -                       | 100WQV65-15-5.5       | 7.5            | 5.5  | 65                | 15                | 2900 | 100 | 63.6 | 73*29*34  |
| -                       | 80WQV45-22-7.5        | 10             | 7.5  | 45                | 22                | 2900 | 80  | 72   | 73*31*35  |
| -                       | 100WQV100-13-7.5      | 10             | 7.5  | 100               | 13                | 2900 | 100 | 73.5 | 73*31*35  |
| -                       | 100WQV80-25-11        | 15             | 11   | 80                | 25                | 1450 | 100 | 187  | 96*53*44  |
| -                       | 150WQV150-15-11       | 15             | 11   | 150               | 15                | 1450 | 150 | 201  | 101*52*42 |
| -                       | 100WQV80-30-15        | 20             | 15   | 80                | 30                | 1450 | 100 | 208  | 100*53*44 |
| -                       | 150WQV200-15-15       | 20             | 15   | 200               | 15                | 1450 | 150 | 222  | 105*52*42 |
| -                       | 150WQV250-15-18.5     | 25             | 18.5 | 250               | 15                | 1450 | 150 | 286  | 115*57*44 |
| -                       | 200WQV350-12-18.5     | 25             | 18.5 | 350               | 12                | 1450 | 200 | 294  | 120*58*46 |
| -                       | 150WQV300-15-22       | 30             | 22   | 300               | 15                | 1450 | 150 | 307  | 125*57*44 |
| -                       | 200WQV400-10-22       | 30             | 22   | 400               | 10                | 1450 | 200 | 324  | 120*58*46 |
| -                       | 200WQV350-15-30       | 40             | 30   | 350               | 15                | 1450 | 200 | 440  | 135*57*67 |
| -                       | 250WQV600-10-30       | 40             | 30   | 600               | 10                | 1450 | 250 | 440  | 140*60*67 |

### IMPELLER TYPE / TIPO DE IMPULSOR



VORTEX / VÓRTICE

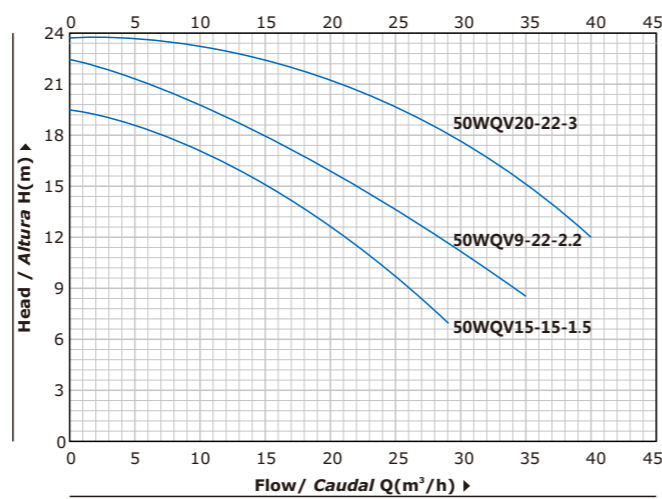
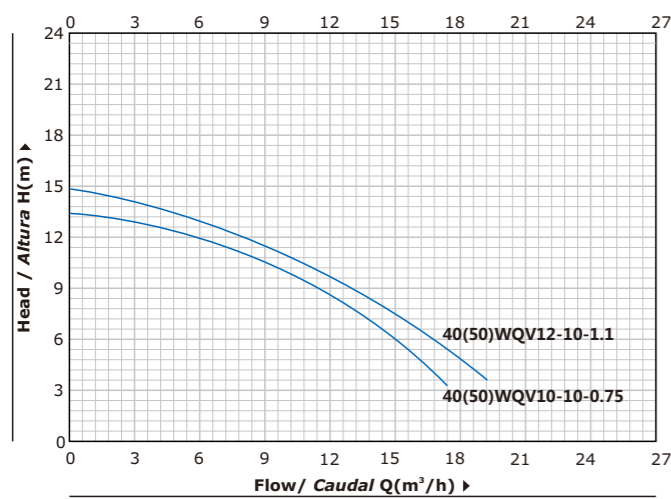
MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



| No. | Description<br>Descripción            | Material<br>Material                           |
|-----|---------------------------------------|--|
| 1   | Motor cover<br>Tapa de motor          | Cast iron<br>Fundición                         |
| 2   | Plate<br>Plato                        | Cast iron<br>Fundición                         |
| 3   | Motor Case<br>Cuerpo de Motor         | Cast iron<br>Fundición                         |
| 4   | Wound Stator/Rotor<br>Estator / Rotor | Silicon Steel/Copper<br>Acero al Silicio/Cobre |
| 5   | Bearing<br>Rodamiento                 | Ball Bearing<br>Bola Rodamiento                |
| 6   | Shaft<br>Eje                          | SS304/45# Steel<br>Inox 304/45# Hierro         |
| 7   | Chamber<br>Sala                       | Cast iron<br>Fundición                         |
| 8   | Output flange<br>Brida de salida      | Cast iron<br>Fundición                         |
| 9   | Base<br>Base                          | Cast iron<br>Fundición                         |
| 10  | Cutter plate<br>Placa de corte        | Alloy 48HR<br>Aleación 48HR                    |
| 11  | Pump Case<br>Cuerpo de Bomba          | Cast iron<br>Fundición                         |
| 12  | Impeller Nut<br>Tuerca de Impulsor    | Galvanized Steel<br>Acero Galvanizado          |
| 13  | Impeller<br>Impulsor                  | Alloy 48HR<br>Aleación 48HR                    |
| 14  | Mechanical Seal<br>Cierre Mecánico    | SiC/Carbon/SS304<br>SiC-Grafito-Inox304        |
| 15  | Seal plate<br>Plato sello             | Cast iron<br>Fundición                         |

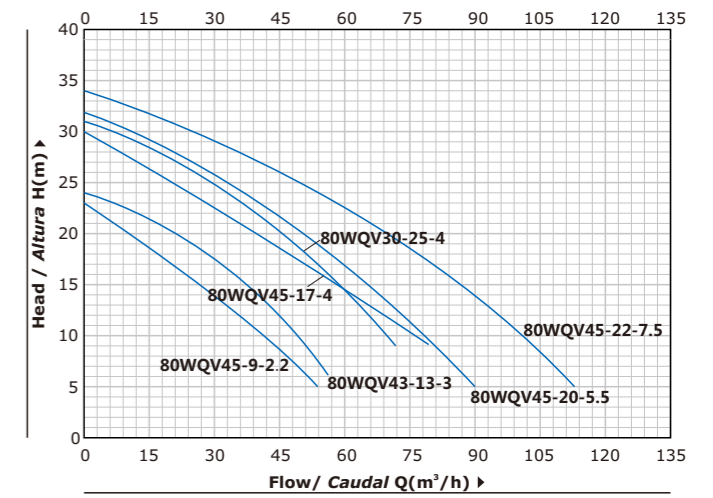
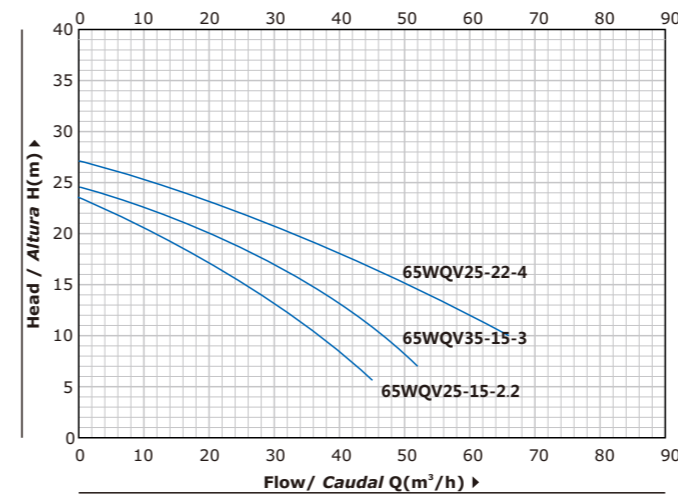
PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min

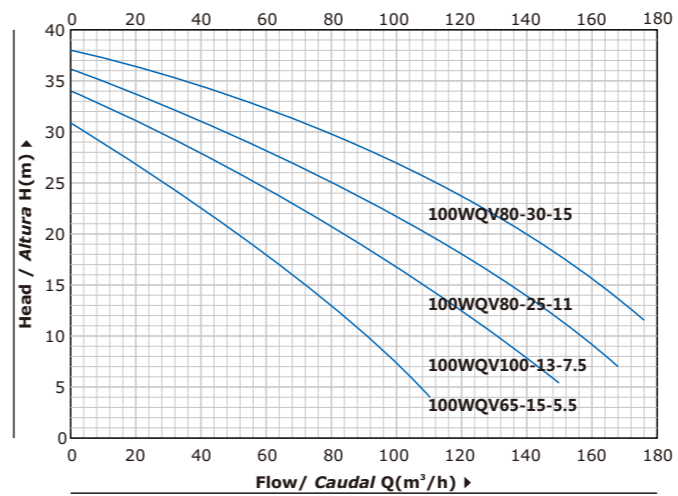


PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

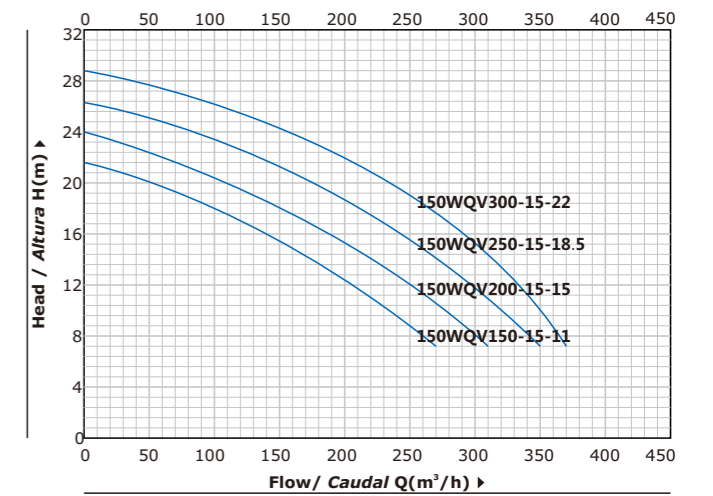
50 Hz n=2900 1/min



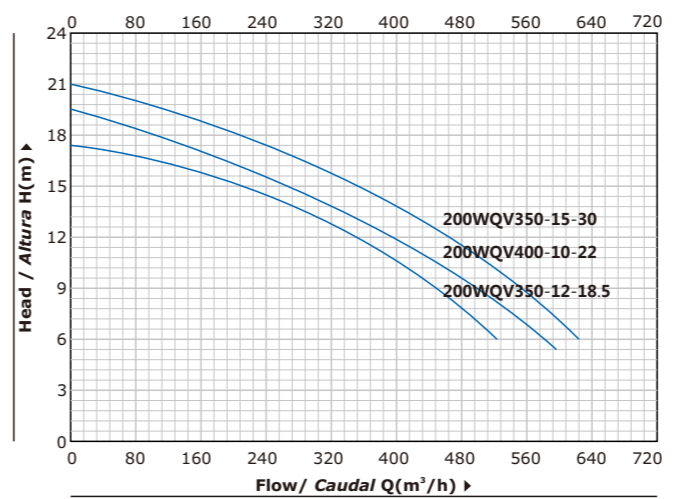
50 Hz n=2900/1450 1/min



50 Hz n=1450 1/min



50 Hz n=1450 1/min



50 Hz n=1450 1/min

