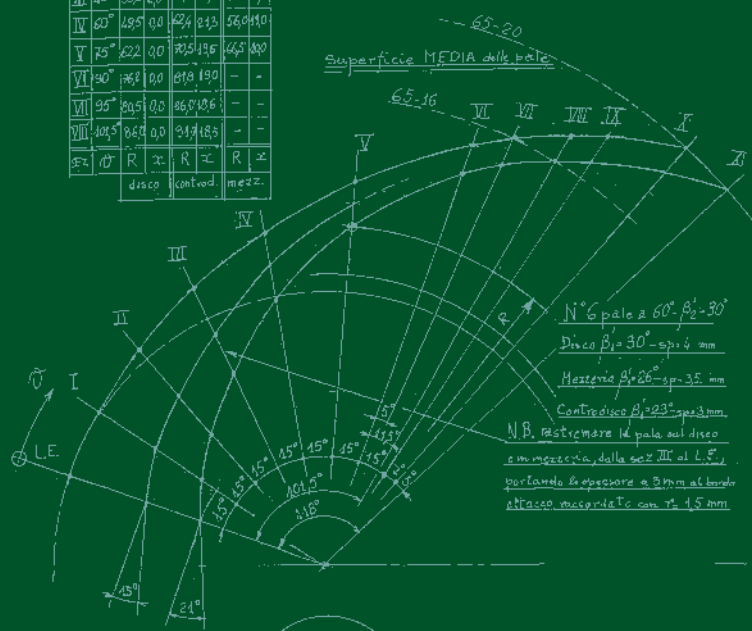


|      |      |       |     |          |      |       |      |
|------|------|-------|-----|----------|------|-------|------|
| II   | 30°  | 31,9  | 5,5 | 62,9     | 27,0 | 41,0  | 9,4  |
| III  | 45°  | 39,0  | 2,0 | 59,8     | 23,5 | 47,0  | 19,6 |
| IV   | 60°  | 49,5  | 0,0 | 52,4     | 24,3 | 56,0  | 44,0 |
| V    | 75°  | 62,2  | 0,0 | 40,5     | 19,6 | 66,5  | 89,0 |
| VI   | 90°  | 76,8  | 0,0 | 31,8     | 19,0 | -     | -    |
| VII  | 95°  | 89,5  | 0,0 | 26,9     | 19,6 | -     | -    |
| VIII | 105° | 96,0  | 0,0 | 21,7     | 18,5 | -     | -    |
| sez. | 10°  | R     | ∞   | R        | ∞    | R     | ∞    |
|      |      | disco |     | controd. |      | mezz. |      |



# WATER PUMPS

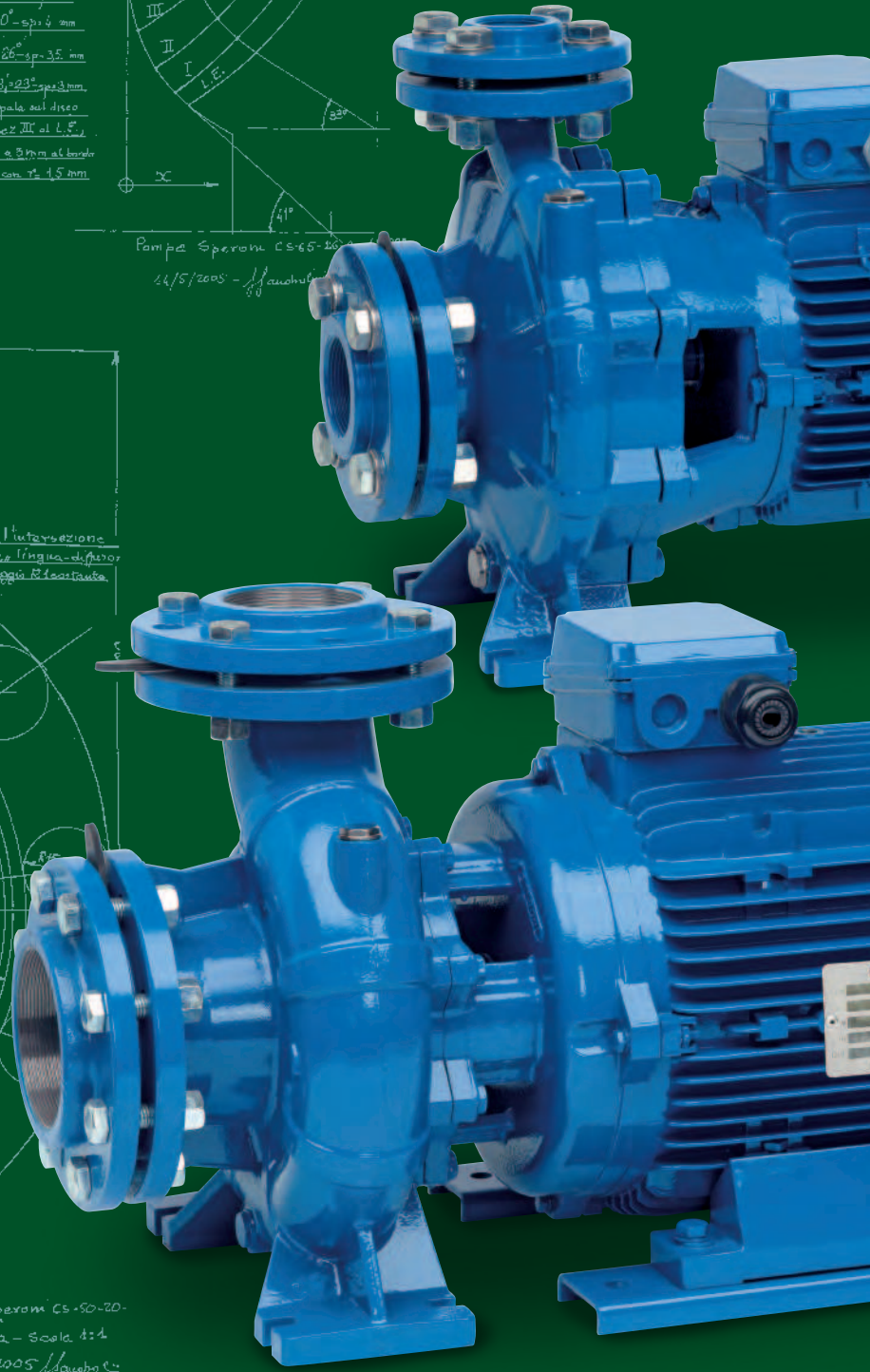


Pompa Speroni CS-65-20  
 11/5/2005 - J. Gaudin



N.B.  
 Se la girante presenta una prevalenza esecutiva, al filo più progettato, da un  
 suo portante a φ 205 ± 0,06 - Conservare allora portante anche ad  
 R = 107 ± 0,06 il raggio del foro della cassa destinato all'alloggiamento  
 montato della girante

Pompe Speroni CS-50-20  
 Chiocciola - scala 1:1  
 3/10/2005 - J. Gaudin



# 60 Hz

CATÁLOGO GENERAL  
 GENERAL CATALOGUE



## CATÁLOGO GENERAL GENERAL CATALOGUE

# 60 Hz

### Notas Técnicas de Producto.

Los datos y las características técnicas indicadas en este Catálogo General no son vinculantes. SPERONI spa se reserva el derecho de aportar cualquier modificación sin ningún pre-aviso. Por consiguiente los pesos, medidas, prestaciones y todo lo que se indique, no son vinculantes sino solo orientativos. En cualquier caso, para cualquier detalle técnico solicite directamente a SPERONI spa la ficha técnica actualizada del producto.

### Tribunal competente.

Por posibles controversias, el Tribunal competente será el de Reggio Emilia aunque el pago se haya realizado mediante letra de cambio.

### Technical Characteristics.

The technical data and characteristics stated in this General Catalogue are not binding. SPERONI spa reserves the right to make modifications without notice. Therefore weights, dimensions, performances and any other stated issues are indicative only and not binding. Anyway for any technical details you must require an up-to-date product technical card.

### Competent Court.

In case of any dispute the competent Court will be one of Reggio Emilia even if the payment is by bill of exchange.

UNI EN ISO 9001:2008



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**KPM**

6



**KPM-BR**

8



**CAM**

10-15



**APM**

16-19



**CM**

20-23



**CFM**

24-27



**CMX**

28-33



**2 CM**

34-41



**CBM**

42-47



**CS**

48-57



**CX**  
58-67



**CAM INOX**  
68-71



**HW**  
72-81



**NBM**  
82-85



**RSM**  
86-89



**RAM**  
90



**RVM**  
92-95



**VSS**  
96-111



**HGM**  
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**HG**  
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**H**  
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**TS**  
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**TF**  
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**SXG**  
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**SXG**  
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**ECM-D**  
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**SP 4"**

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**CMA**

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**ACCESORIOS  
ACCESSORIES**

163-167



### APLICACIONES

Electrobombas volumétricas capaces de desarrollar cargas hidrostáticas elevadas con potencias limitadas, y tener curvas de funcionamiento especialmente estables.

Son adecuadas para instalaciones domésticas, para aumentar la presión de suministro de los acueductos y para la distribución automática del agua por medio de depósitos pequeños, autoclaves o grupos de hidrosfera de membrana.

Para el funcionamiento correcto de la bomba use exclusivamente agua limpia, o líquidos no agresivos, sin que haya presencia de arena u otras impurezas sólidas.

### APPLICATION

Volumetric water pumps able to offer high pressures in relation to comparatively low powers and which have particularly steady operating curves.

They are qualified in domestic fittings, to increase the system pressure in aqueducts and for automatic water distribution by small autoclave tanks or by hydrosphere units.

For the correct functioning of the pump, use clean water, or non-aggressive liquids only, without sand or other solid impurities.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 60 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALI

- Cuerpo bomba
  - Soporte del motor
  - Rodete
  - Eje motor
  - Juntas mecánicas
  - Juntas mecánicas (KPM 70)
- |           |                           |
|-----------|---------------------------|
| Fundición | Fundición                 |
| Latón     | Acero inoxidable AISI 304 |
|           | Cerámica/Grafito/NBR      |
|           | Grafito/Silicio/NBR       |

### OPERATING CONDITIONS

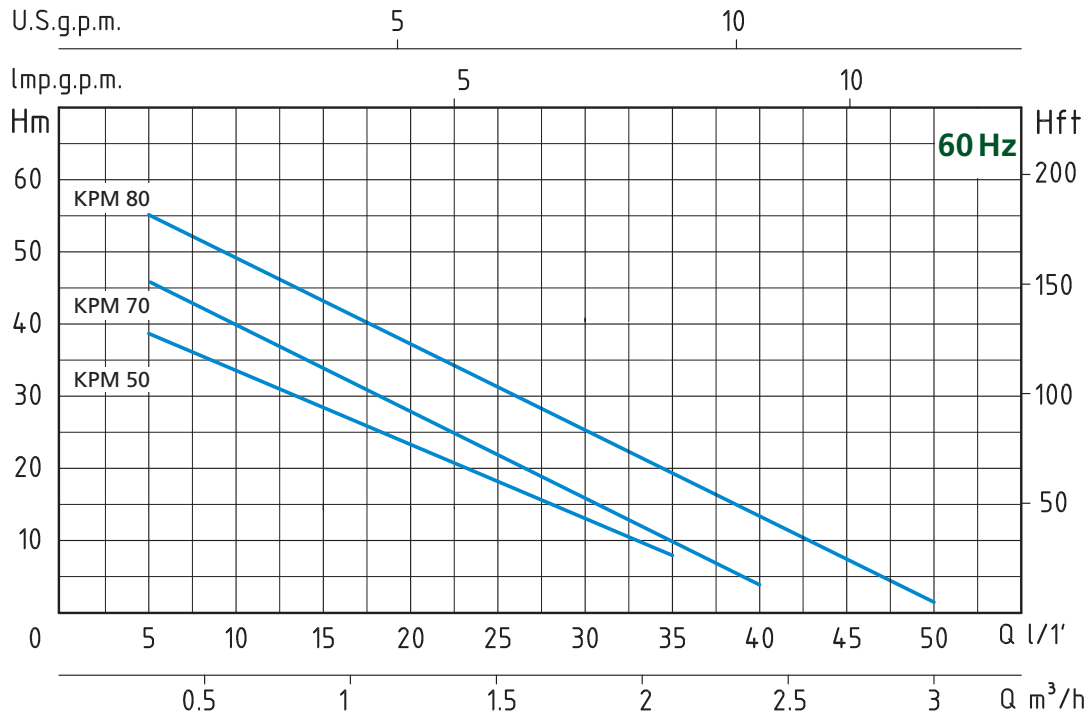
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 60°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

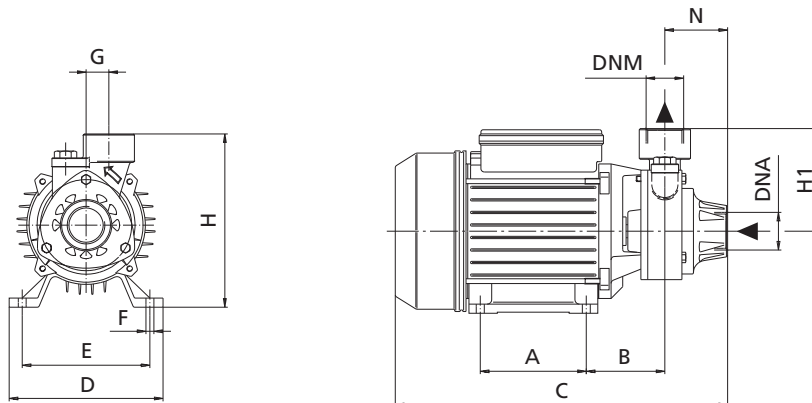
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

- Pump body
  - Motor Support
  - Impeller
  - Shaft with rotor
  - Mechanical seal
  - Mechanical seal (KPM 70)
- |           |                          |
|-----------|--------------------------|
| Cast Iron | Cast Iron                |
| Brass     | Stainless Steel AISI 304 |
|           | Ceramic/Graphite/NBR     |
|           | Graphite/Silicon/NBR     |



| TIPO<br>TYPE               | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Q = CAPACIDAD - CAPACITY   |     |      |     |     |     |     |     |     |     |
|----------------------------|---|------|---|----------------------------|--|-----|------|-----|-----|-----|-----|-----|-----|-----|
|                            | HP                                      | kW   |   |                            | HP   | kW  | m³/h | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 |
| Monofásico<br>Single-phase | P2                                      |      | P1                                      | Monofásico<br>Single-phase | m³/h   | 0,3 | 0,6  | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3   |
| 220V-60Hz                  |   |      | kW                                      | 1 x 220V                   | lt/1'  | 5   | 10   | 15  | 20  | 25  | 30  | 35  | 40  | 50  |
|                            |   |      |   |                            | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |      |     |     |     |     |     |     |     |
| KPM 50                     | 0,5                                     | 0,37 | 0,55                                    | 2,9                        | H<br>(m)   | 38  | 34   | 29  | 24  | 19  | 13  | 8   |     |     |
| KPM 70                     | 0,7                                     | 0,52 | 0,80                                    | 3,5                        |  | 46  | 40   | 34  | 28  | 21  | 15  | 10  | 4   |     |
| KPM 80                     | 0,8                                     | 0,6  | 0,9                                     | 4                          |  | 55  | 49   | 42  | 36  | 31  | 25  | 20  | 13  | 2   |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |   |    |     |    |    |     |     | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |     |
|----------------------------|--------------------------------|----|-----|-----|-----|---|----|-----|----|----|-----|-----|---------------------------------|----------------|-----|-----|
|                            | A                              | B  | C   | D   | E   | F | G  | H   | H1 | N  | DNA | DNM |                                 |                |     |     |
| Monofásico<br>Single-phase |                                |    |     |     |     |   |    |     |    |    |     |     | P                               | L              | H   | Kg  |
| KPM 50                     | 80                             | 65 | 255 | 120 | 100 | 7 | 20 | 144 | 81 | 50 | 1"  | 1"  | 177                             | 300            | 176 | 6,1 |
| KPM 70                     | 85                             | 70 | 285 | 135 | 112 | 7 | 20 | 152 | 81 | 50 | 1"  | 1"  | 172                             | 328            | 191 | 7,7 |
| KPM 80                     | 90                             | 70 | 295 | 135 | 112 | 7 | 20 | 161 | 90 | 55 | 1"  | 1"  | 172                             | 328            | 191 | 9,2 |



### APLICACIONES

Electrobomba volumétrica capaz de desarrollar cargas hidrostáticas elevadas con potencias limitadas, y tener curvas de funcionamiento especialmente estables.

Es adecuada para instalaciones domésticas, para aumentar la presión de suministro de los acueductos y para la distribución automática del agua por medio de depósitos pequeños, auto-claves o grupos de hidrosfera de membrana.

Para el funcionamiento correcto de la bomba use exclusivamente agua limpia, o líquidos no agresivos, sin que haya presencia de arena u otras impurezas sólidas.

### APPLICATION

Volumetric water pump able to offer high pressures in relation to comparatively low powers and which have particularly steady operating curves.

Qualified in domestic fittings, to increase the system pressure in aqueducts and for automatic water distribution by small auto-clave tanks or by hydrosphere units.

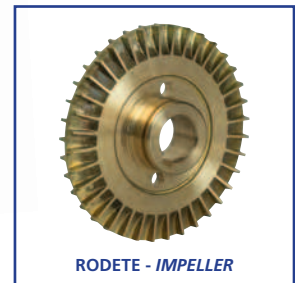
For the correct functioning of the pump, use clean water, or non-aggressive liquids only, without sand or other solid impurities.



CUERPO BOMBA - PUMP BODY



SOPORTE INTERNO  
INTERNAL SUPPORT



RODETE - IMPELLER

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 60 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Latón                     |
| - Soporte del motor | Fundición                 |
| - Rodete            | Latón                     |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

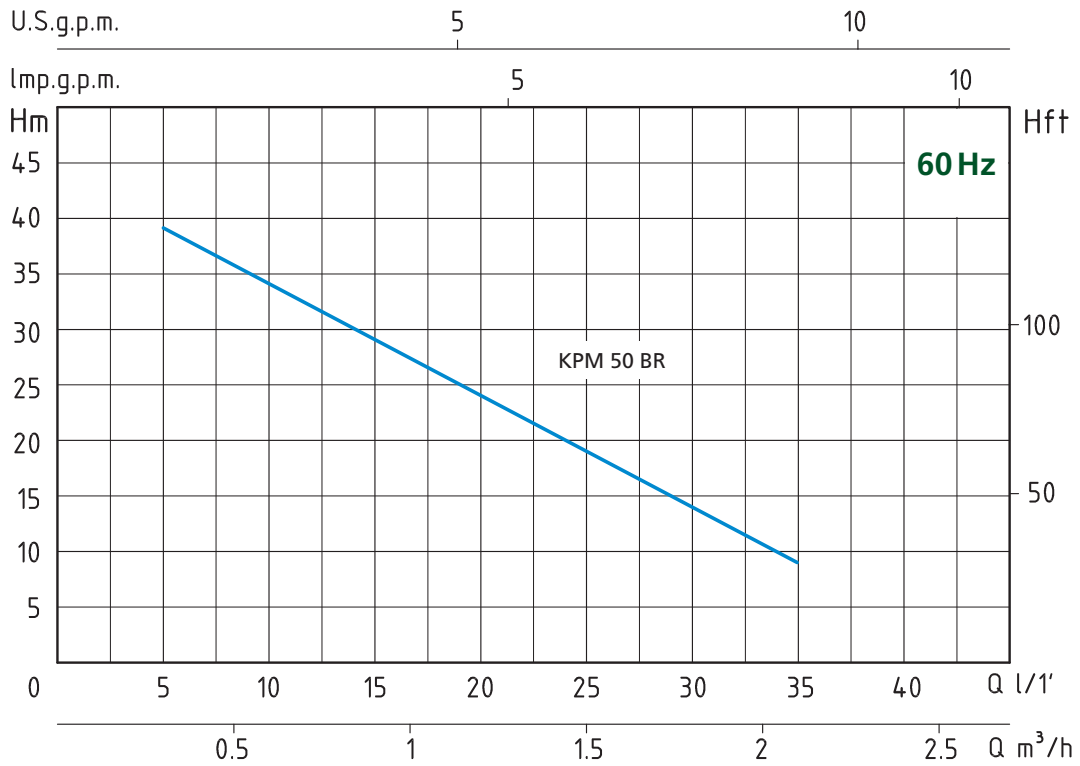
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 60°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

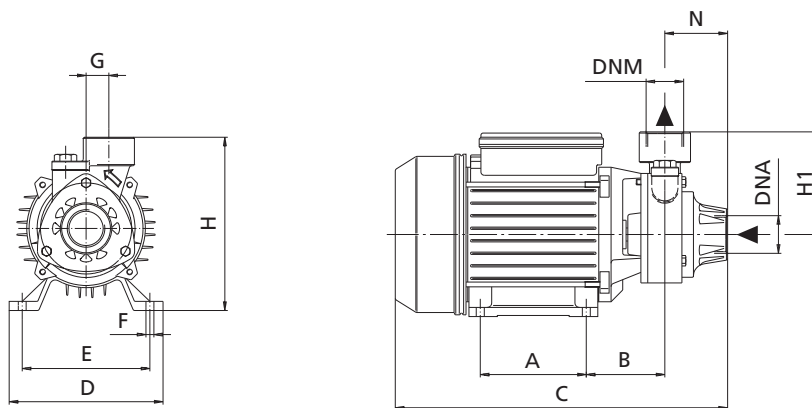
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Brass                    |
| - Motor Support    | Cast Iron                |
| - Impeller         | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE               | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Q = CAPACIDAD - CAPACITY   |      |     |     |     |     |     |     |
|----------------------------|---|------|---|----------------------------|--|------|-----|-----|-----|-----|-----|-----|
|                            | HP                                      | kW   | kW                                      |                            | Monofásico<br>Single-phase   | m³/h | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 |
| Monofásico<br>Single-phase | P2                                      |      | P1                                      | Monofásico<br>Single-phase | lt/1'  | 5    | 10  | 15  | 20  | 25  | 30  | 35  |
| 220V-60Hz                  |   |      |   | 1 x 220V                   | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |     |     |     |     |     |
| <b>KPM 50 BR</b>           | 0,5                                     | 0,37 | 0,55                                    | 2,9                        | H (m)  | 38   | 34  | 29  | 24  | 19  | 13  | 8   |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |   |    |     |    |    |     |     | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |     |
|----------------------------|--------------------------------|----|-----|-----|-----|---|----|-----|----|----|-----|-----|---------------------------------|----------------|-----|-----|
|                            | A                              | B  | C   | D   | E   | F | G  | H   | H1 | N  | DNA | DNM |                                 |                |     |     |
| Monofásico<br>Single-phase |                                |    |     |     |     |   |    |     |    |    |     |     | P                               | L              | H   | Kg  |
| <b>KPM 50 BR</b>           | 80                             | 65 | 255 | 120 | 100 | 7 | 20 | 144 | 81 | 50 | 1"  | 1"  | 177                             | 300            | 176 | 6,5 |

### APLICACIONES

Las electrobombas de autocebado Jet garantizan un rendimiento hidráulico óptimo y una gran capacidad de presión. Pueden aspirar hasta 8 m de profundidad y son capaces de funcionar perfectamente incluso en presencia de aguas mezcladas con gas.

Adecuadas para la elevación y la distribución en las instalaciones domésticas mediante depósitos pequeños y medianos (autoclaves).

### APPLICATION

*Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity.*

*Able to pump up to mt. 8 depth and work perfectly even in soda-water.*

*Suitable for water lifting and distribution in domestic fittings by small and medium sized tanks.*



CAM 40



CAM 60

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 8 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos (n = 3450 min<sup>-1</sup>)
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Aluminio                  |
| - Rodete            | Noryl                     |
| - Difusor           | Noryl                     |
| - Brida portajunta  | Acero inoxidable AISI 304 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

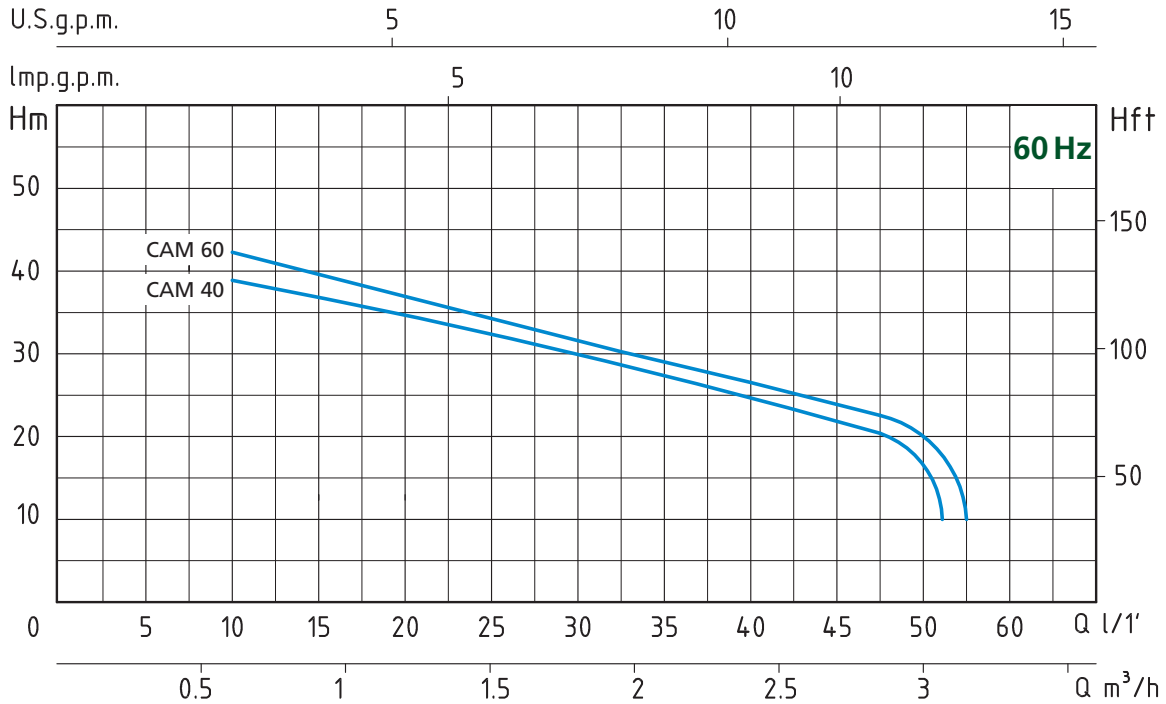
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

### MOTOR

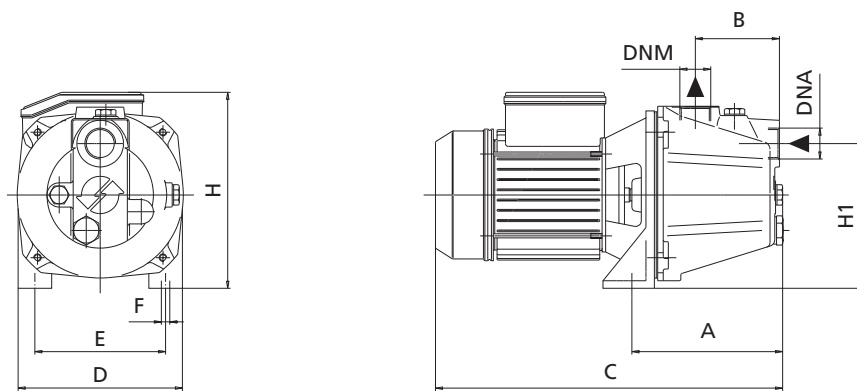
- Two-Pole induction motor (n = 3450 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Aluminium                |
| - Impeller         | Noryl                    |
| - Diffuser         | Noryl                    |
| - Pump flange      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE               | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Q = CAPACIDAD - CAPACITY   |      |     |     |     |     |     |     |     |     |
|----------------------------|---|-----|---|----------------------------|--|------|-----|-----|-----|-----|-----|-----|-----|-----|
|                            | HP                                      | kW  | kW                                      |                            | Monofásico<br>Single-phase   | m³/h | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 |
| Monofásico<br>Single-phase | P2                                      |     | P1                                      | Monofásico<br>Single-phase | lt/1'  | 10   | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  |
| 220V-60Hz                  | 220V-60Hz                               |     | 1 x 220V                                |                            | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |     |     |     |     |     |     |     |
| <b>CAM 40</b>              | 0,8                                     | 0,6 | 0,8                                     | 3,8                        | H (m)  | 38   | 36  | 34  | 32  | 29  | 27  | 25  | 22  | 19  |
| <b>CAM 60</b>              | 0,8                                     | 0,6 | 0,8                                     | 3,8                        | H (m)  | 42   | 38  | 36  | 33  | 30  | 27  | 26  | 23  | 20  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |   |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|----|-----|-----|-----|---|-----|-----|-----|-----|---------------------------------|-----|-----|----------------------|
|                            | A                              | B  | C   | D   | E   | F | H   | H1  | DNA | DNM | P                               | L   | H   |                      |
| Monofásico<br>Single-phase | A                              | B  | C   | D   | E   | F | H   | H1  | DNA | DNM | P                               | L   | H   | Kg                   |
| <b>CAM 40</b>              | 150                            | 77 | 328 | 162 | 126 | 9 | 193 | 123 | 1"  | 1"  | 177                             | 365 | 197 | 8,7                  |
| <b>CAM 60</b>              | 162                            | 90 | 352 | 176 | 140 | 9 | 210 | 150 | 1"  | 1"  | 194                             | 400 | 220 | 10,1                 |

### APLICACIONES

Las electrobombas de autocebado Jet garantizan un rendimiento hidráulico óptimo y una gran capacidad de presión. Pueden aspirar hasta 8 m de profundidad y son capaces de funcionar perfectamente incluso en presencia de aguas mezcladas con gas. Adecuadas para la elevación y la distribución en las instalaciones domésticas mediante depósitos pequeños y medianos (autoclaves).

### APPLICATION

*Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to mt. 8 depth and work perfectly even in soda-water. Suitable for water lifting and distribution in domestic fittings by small and medium sized tanks.*



CAM 100



CAM 152-202

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 8 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Acero inoxidable AISI 304 |
| - Difusor           | Noryl                     |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

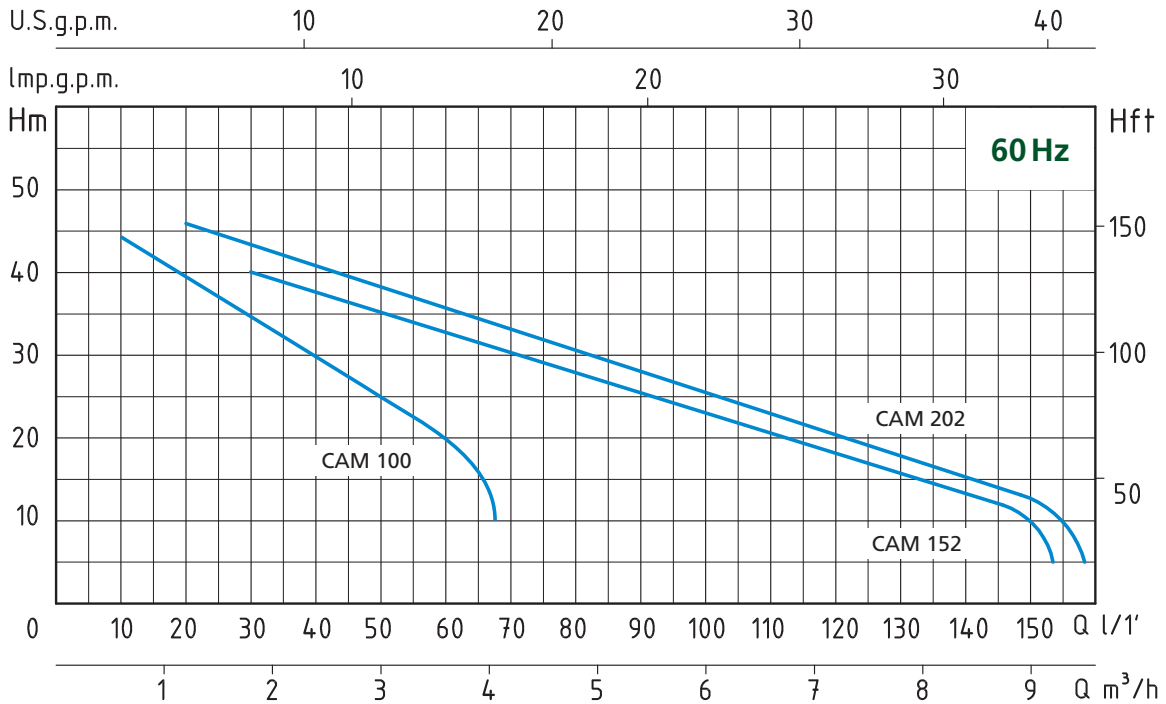
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

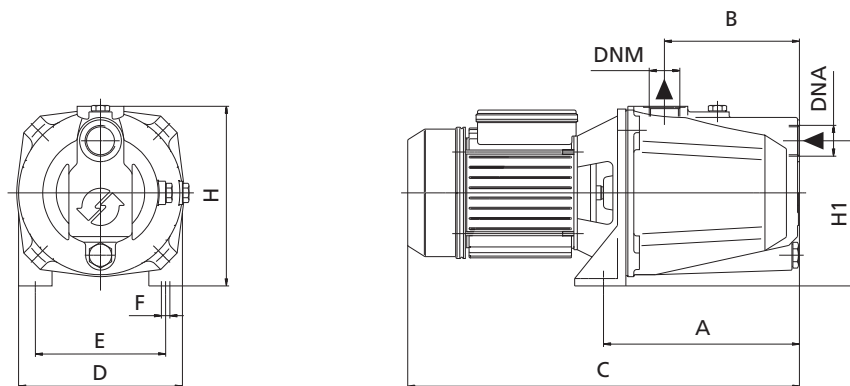
### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Stainless Steel AISI 304 |
| - Diffuser         | Noryl                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE               | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Q = CAPACIDAD - CAPACITY   |  |     |     |     |     |     |     |     |     |    |
|----------------------------|---|------|---|----------------------------|----------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                            | HP                                      | kW   | kW                                      |                            | Monofásico<br>Single-phase | m³/h   | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |
| Monofásico<br>Single-phase | P2                                      |      | P1                                      | Monofásico<br>Single-phase | lt/1'                      | 10   | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 60 |
| 220V-60Hz                  | HP                                      | kW   | kW                                      |                            | 1 x 220V                   | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |    |
| <b>CAM 100</b>             | 1                                       | 0,75 | 1,1                                     | 5                          | H (m)                      | 46   | 43  | 40  | 37  | 35  | 33  | 30  | 29  | 26  | 22 |

| TIPO<br>TYPE               | P2  |     | P1  | Monofásico<br>Single-phase | m³/h     | 0,6  | 1,2 | 1,8 | 2,7 | 3,6 | 4,8 | 5,4 | 6   | 7,2 | 9   |
|----------------------------|-----|-----|-----|----------------------------|----------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                            | HP  | kW  | kW  |                            |          |  |     |     |     |     |     |     |     |     |     |
| Monofásico<br>Single-phase | P2  |     | P1  | Monofásico<br>Single-phase | lt/1'    | 10   | 20  | 30  | 45  | 60  | 80  | 90  | 100 | 120 | 150 |
| 220V-60Hz                  | HP  | kW  | kW  |                            | 1 x 220V | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |
| <b>CAM 152</b>             | 1,5 | 1,1 | 1,5 | 7                          | H (m)    | 45   | 42  | 40  | 35  | 33  | 28  | 25  | 22  | 16  | 10  |
| <b>CAM 202</b>             | 2   | 1,5 | 2   | 9                          | H (m)    | 47   | 46  | 43  | 39  | 35  | 32  | 29  | 27  | 20  | 13  |

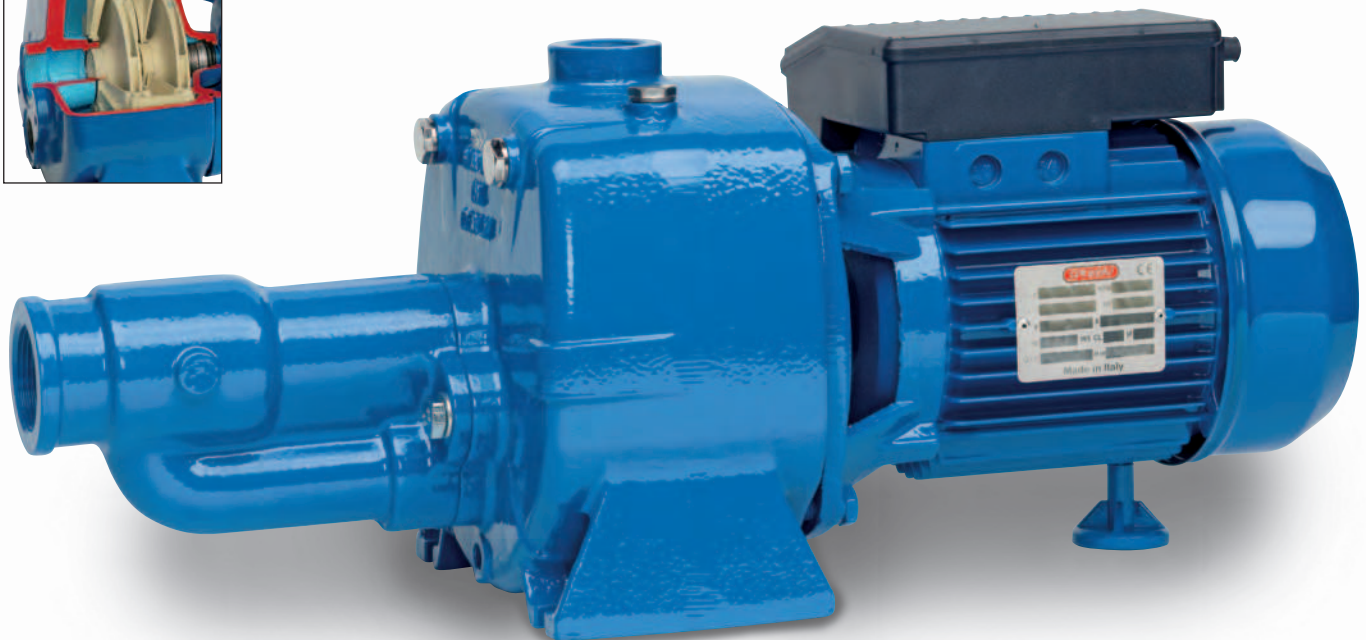


| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |    |     |     |      |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|-----|-----|-----|-----|----|-----|-----|------|-----|---------------------------------|-----|-----|----------------------|
|                            | A                              | B   | C   | D   | E   | F  | H   | H1  | DNA  | DNM | P                               | L   | H   |                      |
| Monofásico<br>Single-phase | A                              | B   | C   | D   | E   | F  | H   | H1  | DNA  | DNM | P                               | L   | H   | Kg                   |
| <b>CAM 100</b>             | 211                            | 145 | 421 | 176 | 140 | 9  | 194 | 156 | 1"   | 1"  | 197                             | 469 | 209 | 14,5                 |
| <b>CAM 152</b>             | 282                            | 171 | 570 | 236 | 198 | 12 | 274 | 198 | 1" ¼ | 1"  | 234                             | 550 | 285 | 27,6                 |
| <b>CAM 202</b>             | 282                            | 171 | 570 | 236 | 198 | 12 | 274 | 198 | 1" ¼ | 1"  | 234                             | 550 | 285 | 28,6                 |

### APLICACIONES

Electrobombas de autocebado de dos rodets con eyector, indicadas para aspirar hasta 9 m.

Al desmontar el eyector del cuerpo de la bomba y conectándolo a la bomba mediante una tubería doble más una válvula de fondo permite una aspiración de hasta 35 m de profundidad. Adecuadas para usos civiles e industriales, para subir agua limpia, agua mezclada con gas y líquidos químicamente no agresivos para las partes de la bomba.



### APPLICATION

Selfpriming twin-impeller water pumps with ejector for suction up to 9 mt. A suction up to 35 mt. depth can be allowed by taking the ejector down and connecting it to the pump by means of a double hose and a foot valve. Suitable for civil and industrial purposes and to drain clean and soda water and non-aggressive liquids.

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 9 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rotores           | Noryl                     |
| - Difusor           | Noryl                     |
| - Eyector           | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

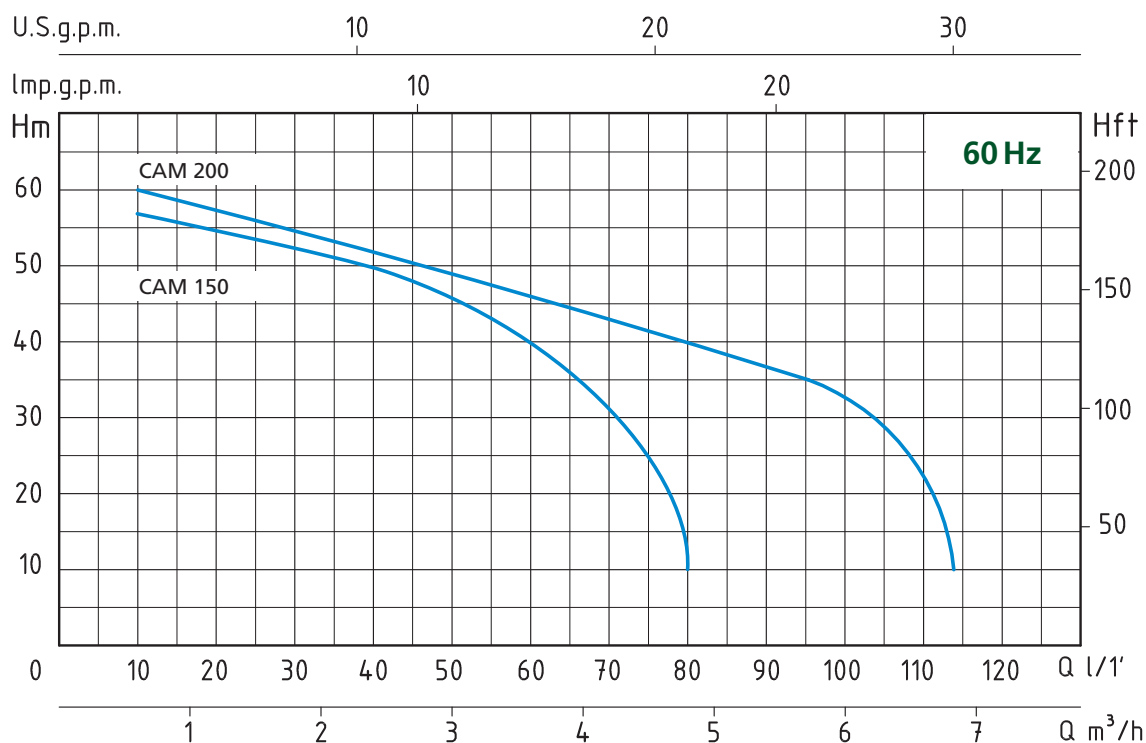
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 9 mt.
- Continuous duty

### MOTOR

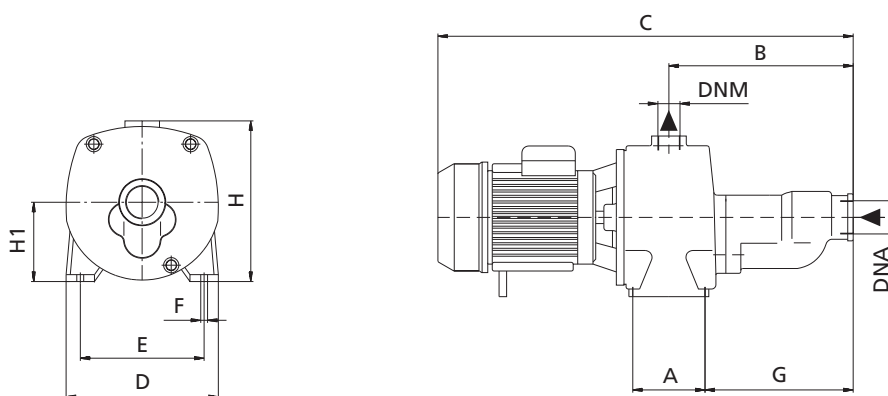
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impellers        | Noryl                    |
| - Diffuser         | Noryl                    |
| - Ejector          | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE               | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Q = CAPACIDAD - CAPACITY   |     |     |     |     |    |     |     |     |     |     |
|----------------------------|---|-----|---|----------------------------|--|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|
|                            | HP                                      | kW  |   |                            | m³/h   | 0,6 | 1,2 | 1,8 | 2,4 | 3  | 3,6 | 4,2 | 4,8 | 5,4 | 6   |
| Monofásico<br>Single-phase |   |     | P1                                      | Monofásico<br>Single-phase | lt/1'  | 10  | 20  | 30  | 40  | 50 | 60  | 70  | 80  | 90  | 100 |
| 220V-60Hz                  |   |     | kW                                      | 1 x 220V                   | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |    |     |     |     |     |     |
| <b>CAM 150</b>             | 1,5                                     | 1,1 | 1,5                                     | 7                          | H  | 58  | 55  | 52  | 49  | 45 | 40  | 30  | 10  |     |     |
| <b>CAM 200</b>             | 2                                       | 1,5 | 2,5                                     | 12                         | (m)  | 60  | 57  | 55  | 52  | 49 | 45  | 43  | 40  | 38  | 34  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |    |     |     |     |        |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|-----|-----|-----|-----|----|-----|-----|-----|--------|-----|---------------------------------|-----|-----|----------------------|
|                            | A                              | B   | C   | D   | E   | F  | G   | H   | H1  | DNA    | DNM | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |     |     |     |     |    |     |     |     |        |     |                                 |     |     |                      |
| <b>CAM 150</b>             | 104                            | 265 | 605 | 220 | 172 | 10 | 212 | 240 | 115 | 1" 1/2 | 1"  | 234                             | 606 | 280 | 29,8                 |
| <b>CAM 200</b>             | 104                            | 265 | 605 | 220 | 172 | 10 | 212 | 240 | 115 | 1" 1/2 | 1"  | 234                             | 606 | 280 | 30,8                 |



### APLICACIONES

Electrobombas autocebantes para aspiraciones profundas de hasta 35 m, utilizadas cada vez que hay fuertes variaciones del nivel del agua. Adecuadas para el suministro de agua con aspiración desde pozos, para uso doméstico por medio de depósitos pequeños y medianos (autoclave). Antes de la instalación controle que los tubos, (hierro, plástico o goma) estén limpios en su interior para que no se atasque la boquilla del eyector.

En el pie del eyector se debe montar una válvula de fondo o de retención. Una vez completado el montaje llene completamente los tubos y el cuerpo de la bomba con agua limpia. Para mantener una aspiración eficiente es necesario que en el circuito haya una cierta presión, por lo que es aconsejable montar en la impulsión de la bomba un depósito de membrana.

### APPLICATION

Selfpriming water pumps for deep suction up to mt. 35 to be used in case of important water level gaps. Suitable to drain water from wells and in domestic fittings by small and medium sized tanks. Before installing the pump verify that all pipes (iron, plastic or rubber) are clean inside so to avoid any obstruction to the ejector nozzle. At the foot of the ejector must be installed a foot valve or a check valve. Installed the pump, fill completely both pipes and pump body with clean water. To preserve an efficient priming it is necessary a certain pressure in the circuit, therefore it is recommended to install a membrane tank at the delivery of the pump.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 35 m.
- Servicio continuo
- Eyector estándar P30

### MOTOR

- Motor eléctrico por inducción de 2 polos (n = 3450 min<sup>-1</sup>)
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rotores           | Noryl                     |
| - Difusor           | Noryl                     |
| - Eyector           | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 35 mt.
- Continuous duty
- Standard ejector P30

### MOTOR

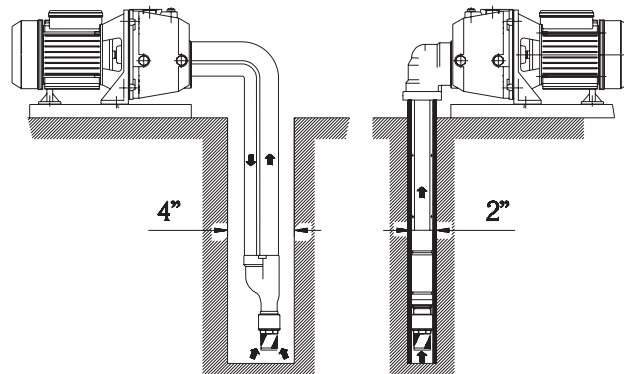
- Two-Pole induction motor (n = 3450 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

### MATERIALS

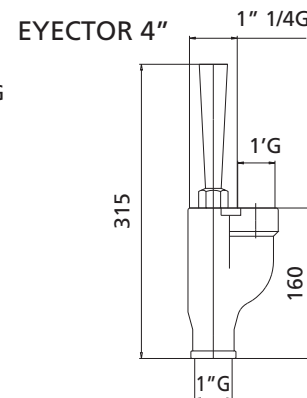
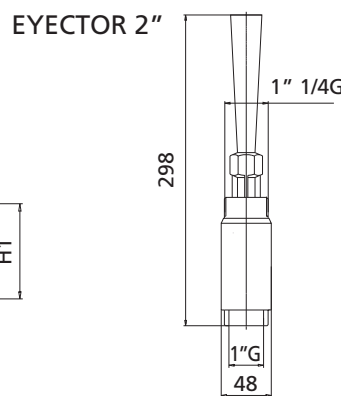
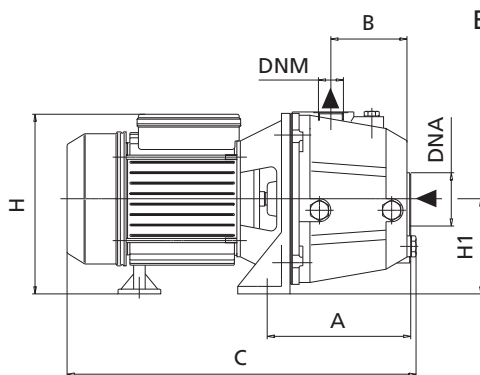
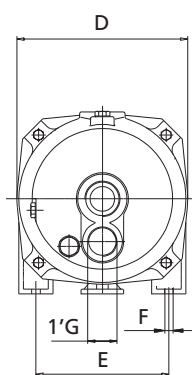
- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor support    | Cast Iron                |
| - Impellers        | Noryl                    |
| - Diffuser         | Noryl                    |
| - Ejector          | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

La bomba con eyector separado es sustancialmente una centrífuga, con la posibilidad de transformarse en una pompa jet autocebante con aspiración profunda, con la aplicación del eyector, en el pozo, en la parte final del tubo de aspiración. La recirculación del agua que atraviesa el venturi atrae el agua inferior y la empuja a través del tubo de retorno (aspiración) creando una presión suficiente para llevarla a la superficie. Para estas aplicaciones con aspiración profunda es necesario conectar dos tubos: el impulso hacia el eyector y la descarga de retorno (aspiración), en este caso el diámetro del pozo debe ser por lo menos de 4". En el caso de que se tenga que aplicar la bomba en un pozo de 2" es necesario un eyector "Jector" con cierre hermético en el pozo, que funciona solo con el tubo de retorno (aspiración) aprovechando el espacio que queda entre él y el pozo de 2" como segundo tubo de recirculación.

*The separate ejector pump is basically a centrifuge with the possibility of becoming a self-priming jet pump with deep suction by fitting the ejector in the well onto the end of the suction pipe. Recirculation of water passing through the Venturi attracts water from below and pushes it through the return (suction) pipe creating enough pressure to take it up to the surface. For these deep suction applications two pipes need to be connected: the delivery pipe to the ejector and the return (suction) outlet, in this case the diameter of the well must be at least 4". If the pump has to go in a 2" well, a special ejector with an airtight lock on the well is necessary. It works with just the return (suction) pipe by exploiting the space remaining between itself and the 2" well as a second recirculation pipe.*



| TIPO<br>TYPE | POTENCIA NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE              |                     |                        | Q = CAPACIDAD - CAPACITY   |      |      |     |     |      |      |      |
|--------------|--------------------------------------|------|---|--------------------------------|---------------------|------------------------|--|------|------|-----|-----|------|------|------|
|              | HP                                   | KW   |   | Monofásico<br>Single-<br>phase | Tipo de<br>eyector  | Profun.<br>aspirac. m. | m <sup>3</sup> /h  | 0,18 | 0,36 | 0,6 | 0,9 | 1,2  | 1,5  | 1,8  |
| 220V-60Hz    |                                      |      | 1 x 220V                                | Ejector                        | Suction<br>depth m. | lt/1'                  | 3  | 6    | 10   | 15  | 20  | 25   | 30   | 35   |
| APM 100      | 1                                    | 0,75 | 1,1                                     | 5                              | P 20                | 15                     | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |      |     |     |      |      |      |
|              |                                      |      |   |                                |                     | 20                     | 41   | 37   | 34   | 30  | 27  | 22,5 | 20,5 | 16,5 |
|              |                                      |      |   |                                |                     | 25                     | 36   | 32   | 29   | 25  | 22  | 17,5 | 15,5 | 11,5 |
|              |                                      |      |   |                                |                     | 30                     | 32   | 28   | 22   | 18  | 13  | 6,5  |      |      |
|              |                                      |      |   |                                |                     | 35                     | 27   | 23   | 17   | 13  | 8   |      |      |      |
|              |                                      |      |   | P 30                           | 30                  | 27                     | 23   | 17   | 13   | 8   |     |      |      |      |
|              |                                      |      |   |                                |                     | 35                     | 22   | 18   | 12   | 8   |     |      |      |      |



| TIPO<br>TYPE | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |   |     |    |        |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------|--------------------------------|----|-----|-----|-----|---|-----|----|--------|-----|---------------------------------|-----|-----|----------------------|
|              | A                              | B  | C   | D   | E   | F | H   | H1 | DNA    | DNM | P                               | L   | H   |                      |
| APM 100      | 168                            | 82 | 360 | 180 | 140 | 9 | 185 | 97 | 1" 1/4 | 1"  | 206                             | 456 | 228 | 18,6                 |

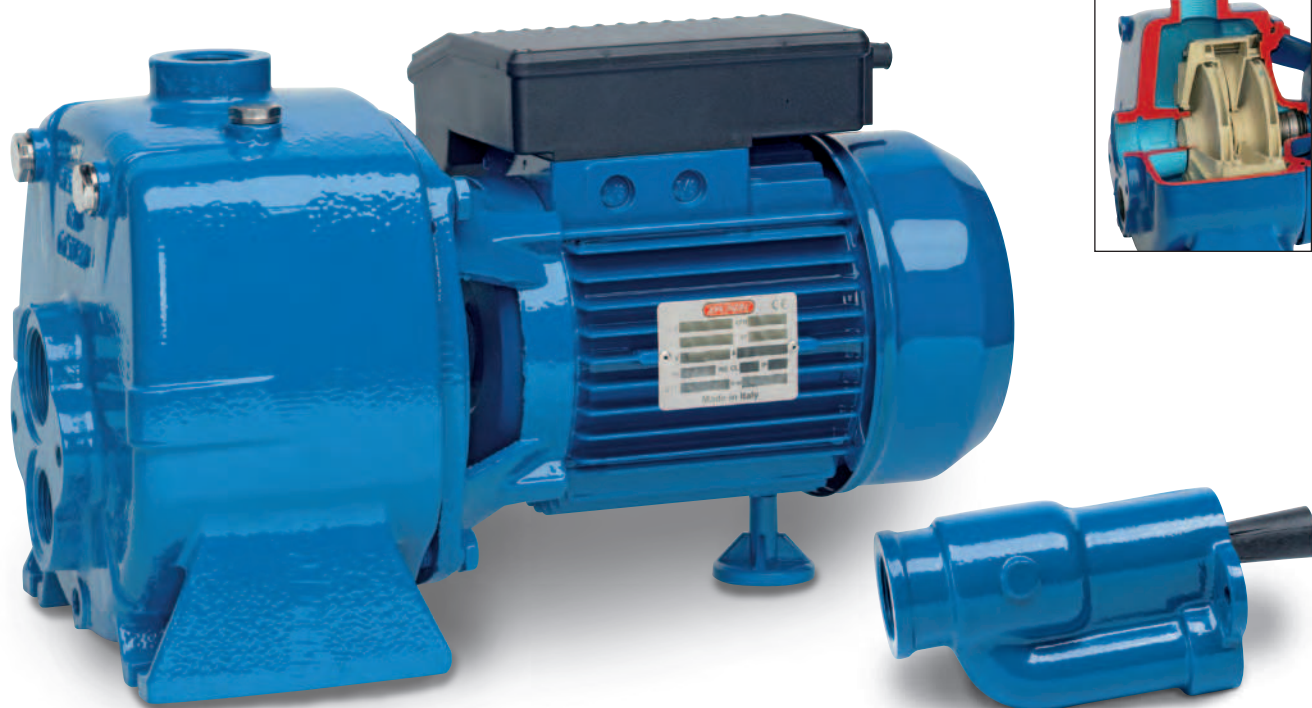
### APLICACIONES

Electrobombas autocebantes para aspiraciones profundas de hasta 50 m, utilizadas cada vez que hay fuertes variaciones del nivel del agua. Adecuadas para el suministro de agua con aspiración desde pozos, para uso doméstico por medio de depósitos pequeños y medianos (autoclave). Antes de la instalación controle que los tubos, (hierro, plástico o goma) estén limpios en su interior para que no se atasque la boquilla del eyector. En el pie del eyector se debe montar una válvula de fondo o de retención. Una vez completado el montaje llene completamente los tubos y el cuerpo de la bomba con agua limpia.

Para mantener una aspiración eficiente es necesario que en el circuito haya una cierta presión, por lo que es aconsejable montar en la impulsión de la bomba un depósito de membrana.

### APPLICATION

Selfpriming water pumps for deep suction up to mt. 50 to be used in case of important water level gaps. Suitable to drain water from wells and in domestic fittings by small and medium sized tanks. Before installing the pump verify that all pipes (iron, plastic or rubber) are clean inside so to avoid any obstruction to the ejector nozzle. At the foot of the ejector must be installed a foot valve or a check valve. Installed the pump, fill completely both pipes and pump body with clean water. To preserve an efficient priming it is necessary a certain pressure in the circuit, therefore it is recommended to install a membrane tank at the delivery of the pump..



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 50 m.
- Servicio continuo
- Eyector estándar P30

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rotores           | Noryl                     |
| - Difusor           | Noryl                     |
| - Eyector           | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 50 mt.
- Continuous duty
- Standard ejector P30

### MOTOR

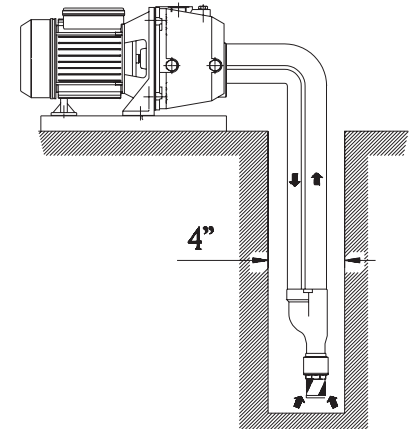
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

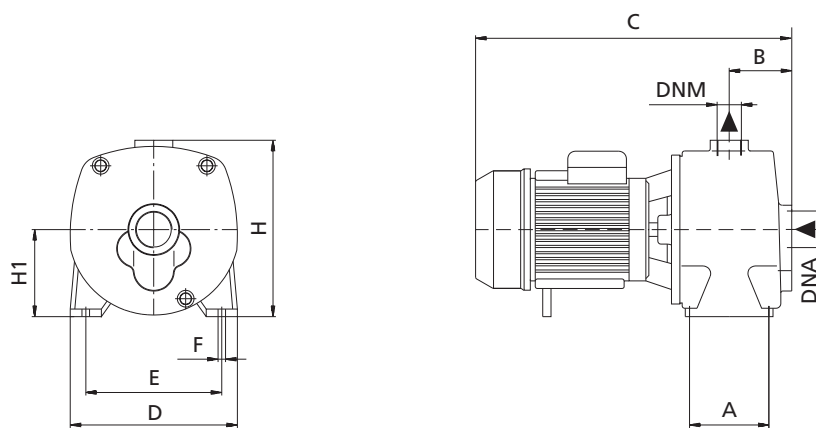
- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor support    | Cast Iron                |
| - Impellers        | Noryl                    |
| - Diffuser         | Noryl                    |
| - Ejector          | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

La bomba con eyector separado es sustancialmente una centrífuga, con la posibilidad de transformarse en una bomba jet autocebante con aspiración profunda, con la aplicación del eyector, en el pozo, en la parte final del tubo de aspiración. La recirculación del agua que atraviesa el venturi atrae el agua inferior y la empuja a través del tubo de retorno (aspiración) creando una presión suficiente para llevarla a la superficie. Para estas aplicaciones con aspiración profunda es necesario conectar dos tubos: el impulso hacia el eyector y la descarga de retorno (aspiración), en este caso el diámetro del pozo debe ser por lo menos de 4".

*The separate ejector pump is basically a centrifuge with the possibility of becoming a self-priming jet pump with deep suction by fitting the ejector in the well onto the end of the suction pipe. Recirculation of water passing through the Venturi attracts water from below and pushes it through the return (suction) pipe creating enough pressure to take it up to the surface. For these deep suction applications two pipes need to be connected: the delivery pipe to the ejector and the return (suction) outlet, in this case the diameter of the well must be at least 4".*



| TIPO<br>TYPE   | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE              |                     |                        | Q = CAPACIDAD - CAPACITY |      |      |     |      |      |      |     |     |
|--|---|-----|---|--------------------------------|---------------------|------------------------|--------------------------|------|------|-----|------|------|------|-----|-----|
|  | HP                                      | kW  |   | Monofásico<br>Single-<br>phase | Tipo de<br>eyector  | Profun.<br>aspirac. m. | m³/h                     | 0,18 | 0,36 | 0,6 | 0,9  | 1,2  | 1,5  | 1,8 | 2,1 |
| 220V-60Hz  |   |     | 1 x 220V                                | Ejector                        | Suction<br>depth m. | lt/1'                  | 3                        | 6    | 10   | 15  | 20   | 25   | 30   | 35  |     |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |   |     |   |                                |                     |                        |                          |      |      |     |      |      |      |     |     |
| APM 150  | 1,5                                     | 1,1 | 1,5                                     | 7                              | P 20                | 15                     | 48                       | 47   | 43   | 39  | 34,5 | 30,5 | 28,5 | 7,5 |     |
|  |   |     |   |                                |                     | 20                     | 43                       | 42   | 38   | 34  | 29,5 | 25,5 | 23,5 | 2,5 |     |
|  |   |     |   |                                |                     | 25                     | 38                       | 37   | 33   | 29  | 24,5 | 20,5 | 18,5 |     |     |
|  |   |     |   |                                |                     | 35                     | 61                       | 57   | 51   | 43  | 36,5 | 14,5 |      |     |     |
|  |   |     |   |                                |                     | 40                     | 56                       | 52   | 46   | 38  | 31,5 | 9,5  |      |     |     |
| APM 200  | 2                                       | 1,5 | 2                                       | 9,3                            | P 30                | 50                     | 46                       | 42   | 36   | 28  | 21,5 |      |      |     |     |
|  |   |     |   |                                |                     | 15                     | 67                       | 65   | 60   | 55  | 51,5 | 46,5 | 45,5 |     |     |
|  |   |     |   |                                |                     | 20                     | 62                       | 60   | 55   | 50  | 46,5 | 41,5 | 40,5 |     |     |
|  |   |     |   |                                |                     | 25                     | 57                       | 55   | 50   | 45  | 41,5 | 36,5 | 35,5 |     |     |
|  |   |     |   |                                |                     | 35                     | 68                       | 62   | 57   | 49  | 43,5 | 14,5 |      |     |     |
|  |   |     |   |                                | P 20                | 40                     | 63                       | 57   | 52   | 44  | 38,5 | 9,5  |      |     |     |
|  |   |     |   |                                | P 30                | 50                     | 53                       | 47   | 42   | 34  | 28,5 |      |      |     |     |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |    |     |     |        |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|----|-----|-----|-----|----|-----|-----|--------|-----|---------------------------------|-----|-----|----------------------|
|                            | A                              | B  | C   | D   | E   | F  | H   | H1  | DNA    | DNM | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |    |     |     |     |    |     |     |        |     |                                 |     |     |                      |
| APM 150                    | 104                            | 77 | 415 | 220 | 172 | 10 | 240 | 115 | 1" 1/4 | 1"  | 236                             | 500 | 275 | 27,9                 |
| APM 200                    | 104                            | 77 | 415 | 220 | 172 | 10 | 240 | 115 | 1" 1/4 | 1"  | 236                             | 500 | 275 | 29,5                 |

### APLICACIONES

Electrobombas centrífugas de un solo rodete adecuadas para responder a las exigencias de caudales grandes, medianos y pequeños.

Uso en instalaciones domésticas, agrícolas e industriales, distribución automática del agua por medio de depósitos pequeños (autoclave), para riego por aspersión y por inundación en jardín y en agricultura, para aumentar, en derivación la presión de suministro de los acueductos.

### APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.



CM 22

CM 32

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 60 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Acero inoxidable AISI 304 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

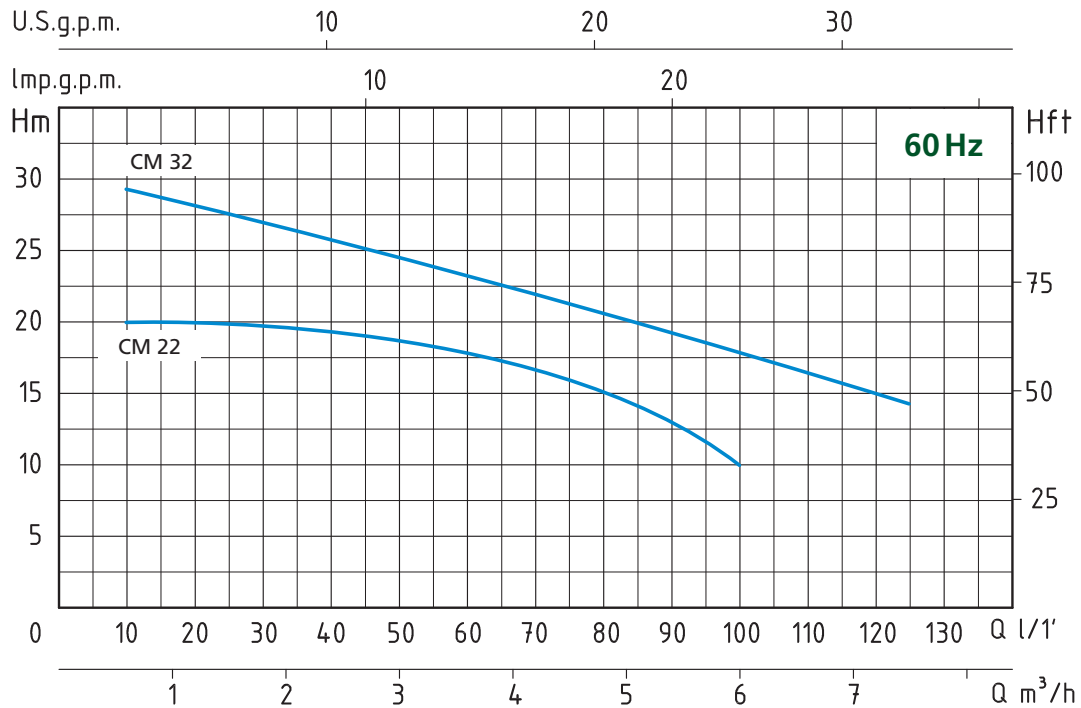
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 60°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

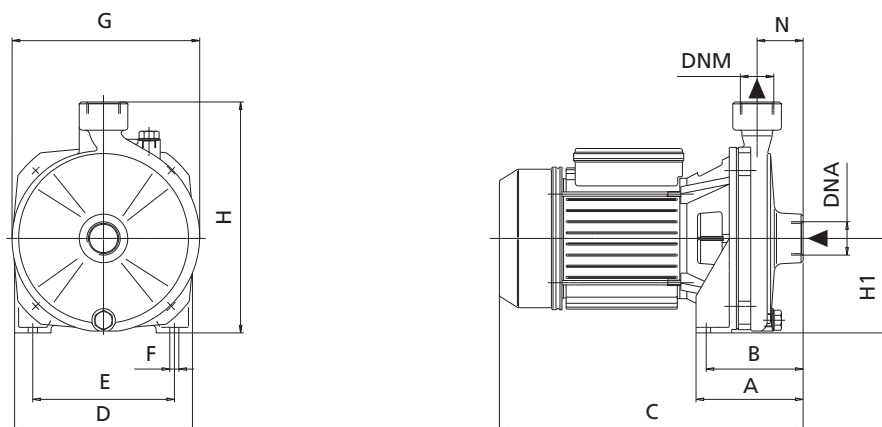
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE | POTENCIA NOMINAL<br>NOMINAL POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE | Q = CAPACIDAD - CAPACITY   |      |     |     |     |     |     |     |
|--------------|-----------------------------------|------|---|-------------------|--|------|-----|-----|-----|-----|-----|-----|
|              | Monofásico<br>Single-phase        | P2   |   | P1                | Monofásico<br>Single-phase   | m³/h | 0,6 | 1,2 | 2,7 | 3,6 | 5,4 | 6   |
| 220V-60Hz    | HP                                | kW   | kW                                      | 1 x 220V          | lt/1'  | 10   | 20  | 45  | 60  | 90  | 100 | 125 |
| <b>CM 22</b> | 0,5                               | 0,37 | 0,65                                    | 2,8               | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |     |     |     |     |     |
| <b>CM 32</b> | 1                                 | 0,75 | 1,2                                     | 5,5               | H (m)  | 20   | 18  | 17  | 16  | 12  | 10  |     |
|              |                                   |      |   |                   |  | 29   | 28  | 26  | 23  | 20  | 18  | 14  |



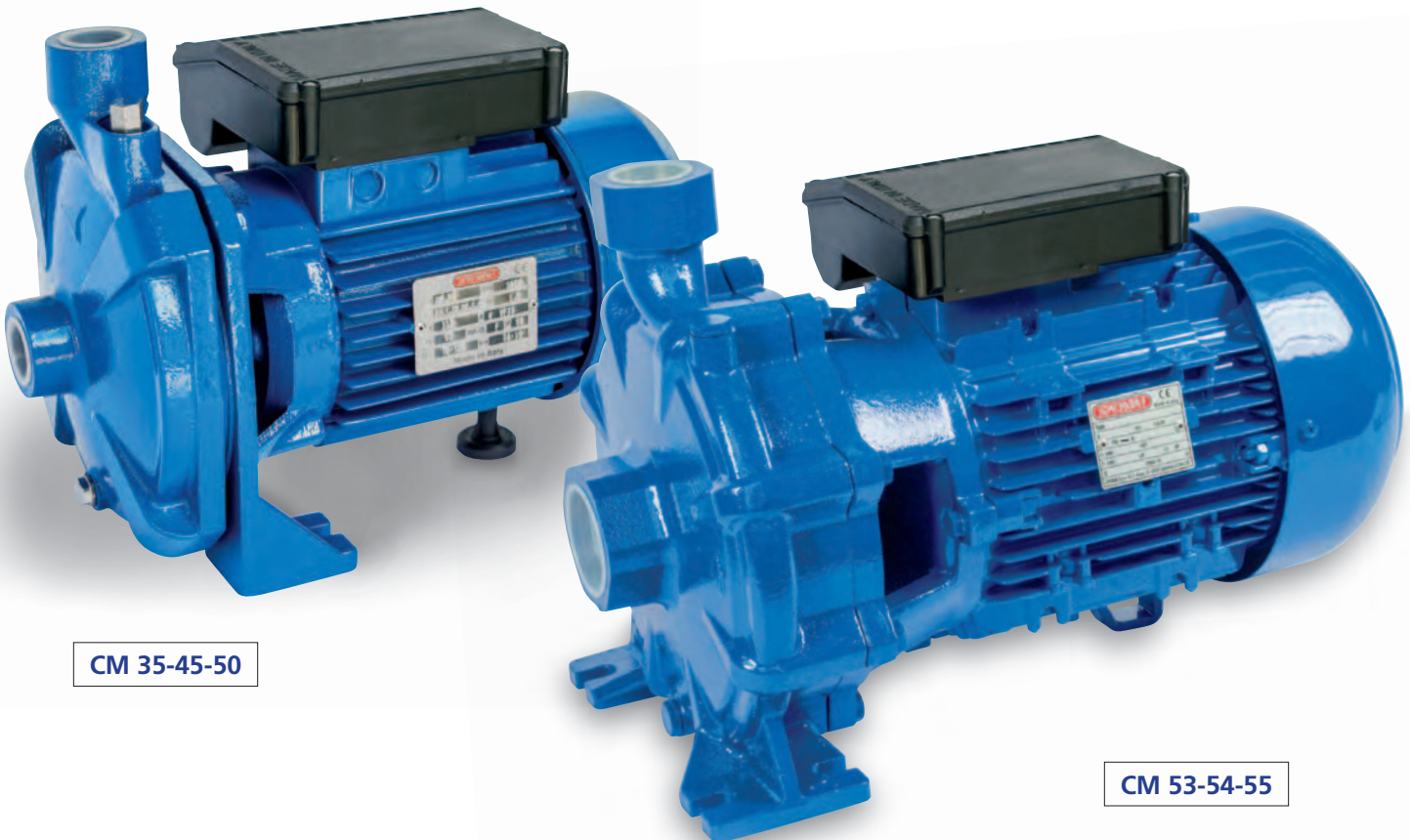
| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |   |     |     |    |    |     |     | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |      |
|----------------------------|--------------------------------|----|-----|-----|-----|---|-----|-----|----|----|-----|-----|---------------------------------|----------------|-----|------|
|                            | A                              | B  | C   | D   | E   | F | G   | H   | H1 | N  | DNA | DNM |                                 |                |     |      |
| Monofásico<br>Single-phase |                                |    |     |     |     |   |     |     |    |    |     |     | P                               | L              | H   | Kg   |
| <b>CM 22</b>               | 100                            | 90 | 260 | 162 | 126 | 9 | 164 | 205 | 83 | 47 | 1"  | 1"  | 184                             | 300            | 232 | 9,4  |
| <b>CM 32</b>               | 108                            | 98 | 300 | 176 | 140 | 9 | 186 | 229 | 94 | 50 | 1"  | 1"  | 206                             | 348            | 257 | 14,8 |

### APLICACIONES

Electrobombas centrífugas de un solo rodete adecuadas para responder a las exigencias de caudales grandes, medianos y pequeños. Uso en instalaciones domésticas, agrícolas e industriales, distribución automática del agua por medio de depósitos pequeños (autoclave), para riego por aspersión y por inundación en jardín y en agricultura, para aumentar, en derivación la presión de suministro de los acueductos.

### APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.



CM 35-45-50

CM 53-54-55

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos (n = 3450 min<sup>-1</sup>)
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Latón                     |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

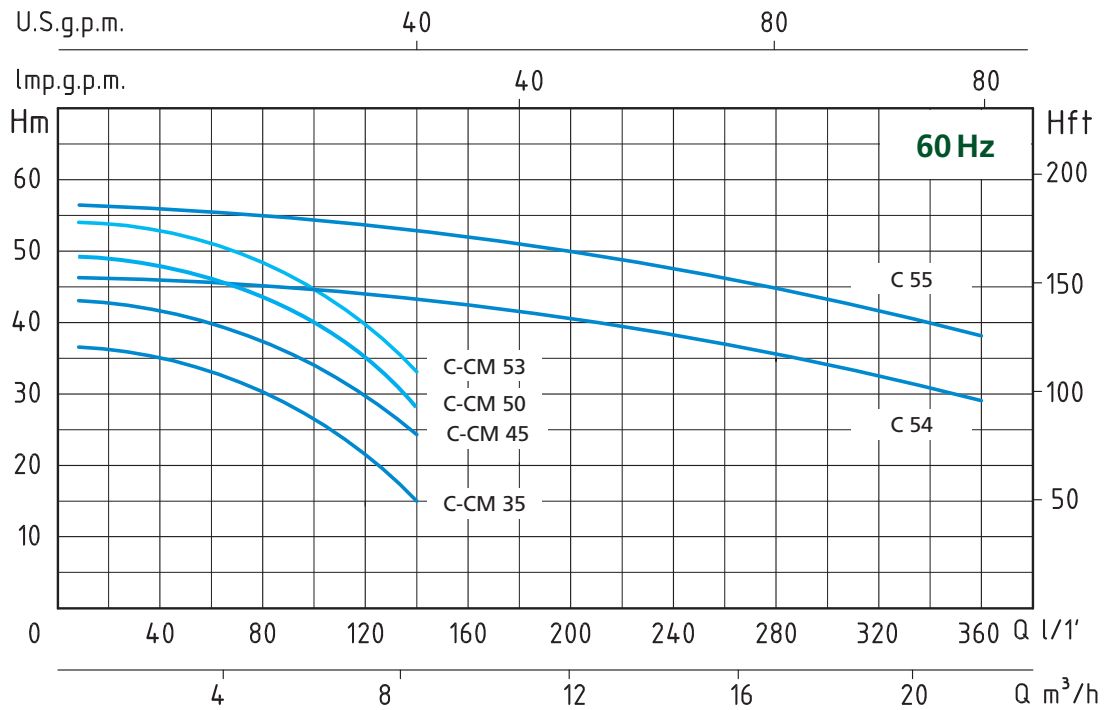
### MOTOR

- Two-Pole induction motor (n = 3450 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

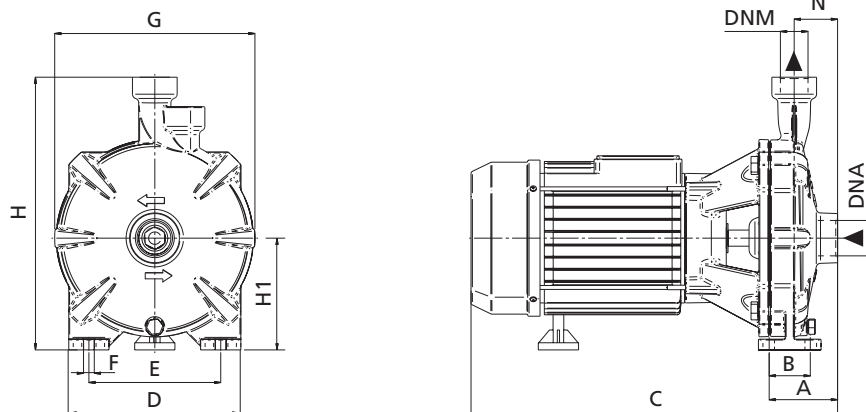
### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

# SINGLE IMPELLER CENTRIFUGAL PUMPS



| TIPO TYPE  |                       | POTENCIA NOMINAL NOMINAL POWER |      | POTENCIA ABSORBIDA INPUT POWER | AMPERIO AMPERE          |                       | Q = CAPACIDAD - CAPACITY |      |      |      |      |      |     |      |     |     |     |  |
|--|-----------------------|--------------------------------|------|--------------------------------|-------------------------|-----------------------|--------------------------|------|------|------|------|------|-----|------|-----|-----|-----|--|
| Monofásico Single-phase  | Trifásico Three-phase | P2                             |      | P1                             | Monofásico Single-phase | Trifásico Three-phase | m³/h                     | 0,6  | 1,2  | 3,6  | 5,4  | 6    | 7,5 | 9    | 12  | 18  | 21  |  |
| 220V-60Hz  | 220/380V-60Hz         | HP                             | kW   | kW                             | 1 x 220V                | 3 x 380V              | lt/1'                    | 10   | 20   | 60   | 90   | 100  | 125 | 150  | 200 | 300 | 350 |  |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                       |                                |      |                                |                         |                       |                          |      |      |      |      |      |     |      |     |     |     |  |
| CM 35  | C 35                  | 1,5                            | 1,1  | 1,85                           | 8,3                     | 4                     | H (m)                    | 36   | 35,5 | 33,5 | 28   | 26   | 19  |      |     |     |     |  |
| CM 45  | C 45                  | 2                              | 1,5  | 2,4                            | 10,7                    | 5                     |                          | 43   | 42   | 40,5 | 36,5 | 34   | 28  |      |     |     |     |  |
| CM 50  | C 50                  | 2,5                            | 1,85 | 3,1                            | 14                      | 5,2                   |                          | 49,5 | 48,5 | 46,5 | 45   | 43   | 36  | 27   |     |     |     |  |
| CM 53  | C 53                  | 3                              | 2,2  | 3,3                            | 15                      | 5,5                   |                          | 54   | 53   | 51   | 47   | 45   | 38  | 29   |     |     |     |  |
|  | C 54                  | 4                              | 3    | 4,5                            |                         | 7,3                   |                          | 46,5 | 46   | 45,3 | 44,7 | 44,5 | 44  | 43,5 | 42  | 35  |     |  |
|  | C 55                  | 5,5                            | 4    | 5,7                            |                         |                       |                          | 56   | 55,5 | 54,5 | 54   | 53,5 | 53  | 52   | 50  | 44  | 39  |  |



| TIPO TYPE               |                       | DIMENSIONES mm - DIMENSIONS mm |    |     |     |       |    |     |     |     |      |        |        | DIMENSIONES DIMENSIONS mm |     |     | PESO WEIGHT |
|-------------------------|-----------------------|--------------------------------|----|-----|-----|-------|----|-----|-----|-----|------|--------|--------|---------------------------|-----|-----|-------------|
| Monofásico Single-phase | Trifásico Three-phase | A                              | B  | C   | D   | E     | F  | G   | H   | H1  | N    | DNA    | DNM    | P                         | L   | H   | Kg          |
| CM 35                   | C 35                  | 76,5                           | 45 | 355 | 220 | 147,5 | 12 | 224 | 305 | 125 | 48,5 | 1" 1/4 | 1"     | 252                       | 390 | 350 | 23,4        |
| CM 45                   | C 45                  | 76,5                           | 45 | 355 | 224 | 147,5 | 12 | 224 | 305 | 125 | 48,5 | 1" 1/4 | 1"     | 252                       | 390 | 350 | 24,6        |
| CM 50                   | C 50                  | 76,5                           | 45 | 410 | 224 | 147,5 | 12 | 224 | 305 | 125 | 48,5 | 1" 1/4 | 1"     | 252                       | 438 | 350 | 27,1        |
| CM 53                   | C 53                  | 76,5                           | 45 | 410 | 220 | 147,5 | 12 | 224 | 305 | 125 | 48,5 | 1" 1/4 | 1"     | 252                       | 438 | 350 | 30,7        |
|                         | C 54                  | 88,5                           | 60 | 485 | 245 | 190   | 14 | 256 | 323 | 132 | 58,5 | 2"     | 1" 1/4 | 269                       | 540 | 421 | 50,5        |
|                         | C 55                  | 88,5                           | 60 | 475 | 245 | 190   | 14 | 256 | 323 | 132 | 58,5 | 2"     | 1" 1/4 | 269                       | 540 | 421 | 51,1        |

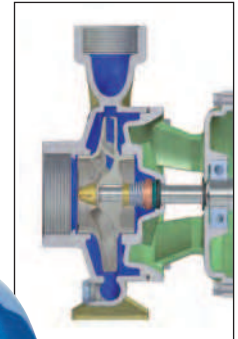
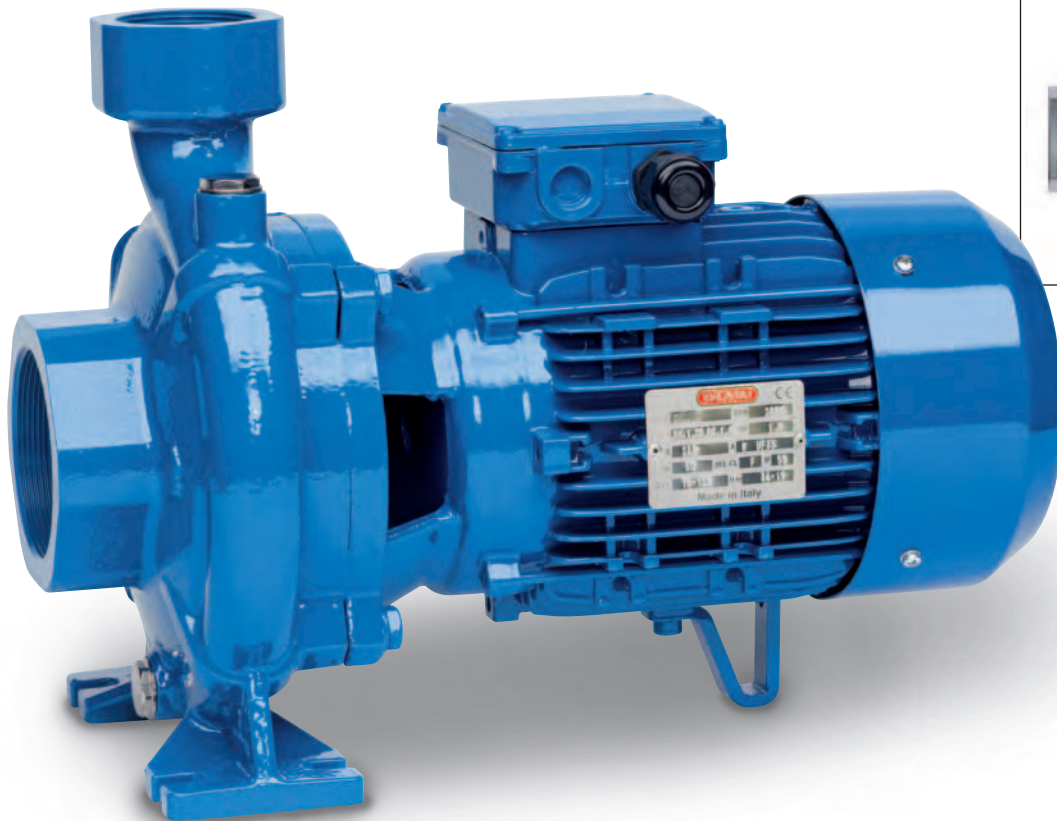


### APLICACIONES

Electrobombas centrífugas monobloque, con rodete de fundición. Estas máquinas son adecuadas para el bombeo de agua limpia y de otros líquidos químicamente y mecánicamente no agresivos. Adecuadas para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

### APPLICATION

Centrifugal monoblock with cast iron impeller. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. Used for a wide variety of applications in civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

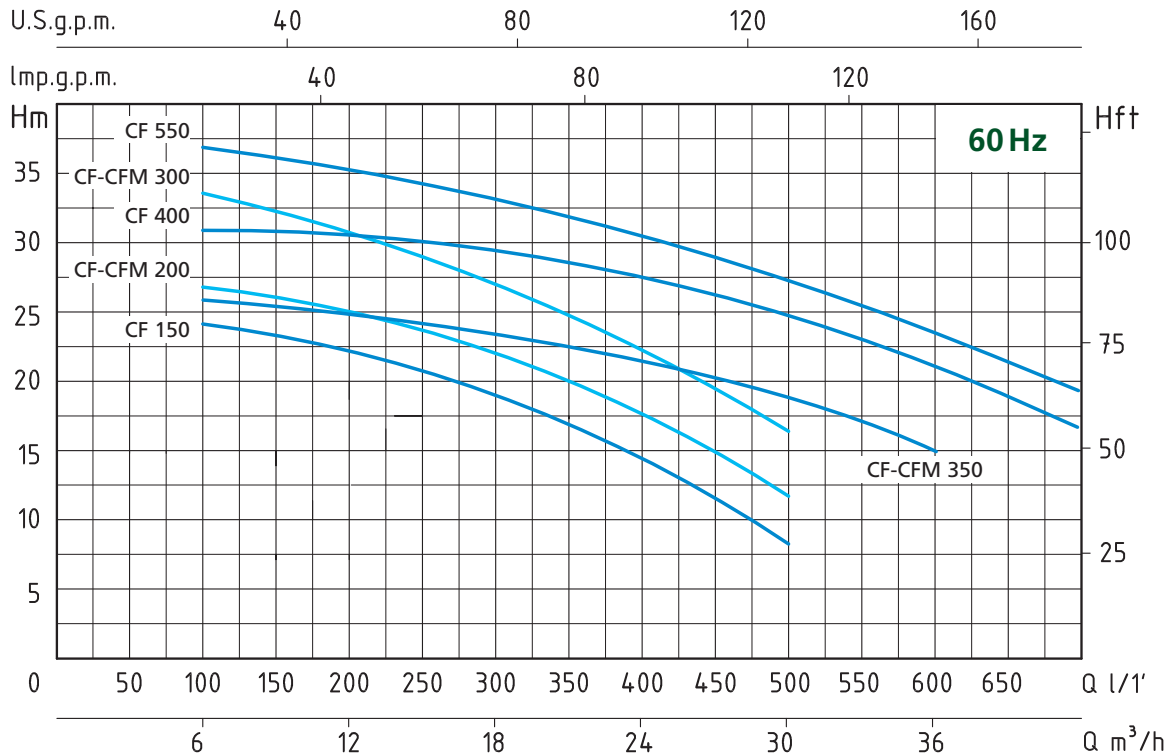
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

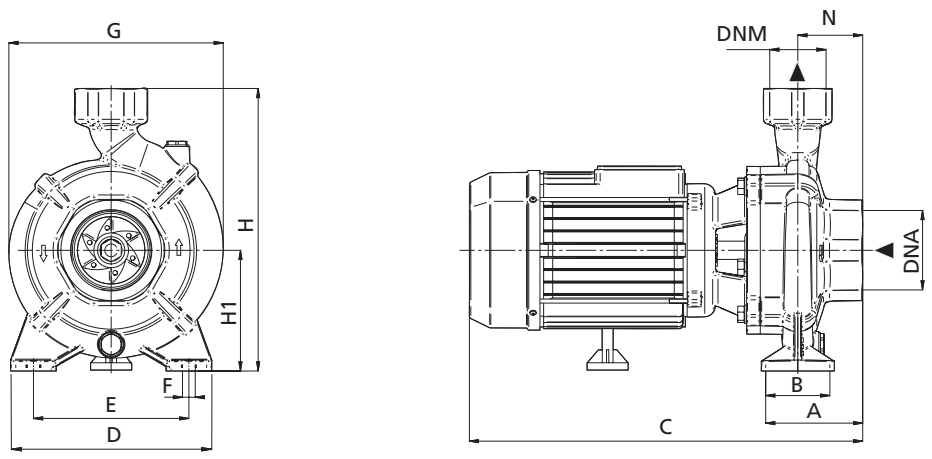
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO TYPE               |                       | POTENCIA NOMINAL NOMINAL POWER |     | POTENCIA ABSORBIDA INPUT POWER | AMPERIO AMPERE          |                       | Q = CAPACIDAD - CAPACITY |      |      |      |      |      |      |      |      |      |      |
|-------------------------|-----------------------|--------------------------------|-----|--------------------------------|-------------------------|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|
| Monofásico Single-phase | Trifásico Three-phase | P2                             |     | P1                             | Monofásico Single-phase | Trifásico Three-phase | m³/h                     | 6    | 9    | 12   | 18   | 21   | 24   | 27   | 30   | 36   | 42   |
| 220V-60Hz               | 220/380V-60Hz         | HP                             | kW  | kW                             | 1 x 220V                | 3 x 380V              | lt/1'                    | 100  | 150  | 200  | 300  | 350  | 400  | 450  | 500  | 600  | 700  |
|                         | CF 150                | 1,5                            | 1,1 | 2,25                           |                         | 4,3                   |                          | 24   | 23   | 21,5 | 18,5 | 16,5 | 14,5 | 11,5 | 8,5  |      |      |
|                         | CFM 200               | 2                              | 1,5 | 2,7                            | 12                      | 5,1                   |                          | 27   | 26   | 25   | 21   | 19   | 17   | 14,5 | 12   |      |      |
|                         | CFM 300               | 3                              | 2,2 | 3,6                            | 16                      | 5,9                   |                          | 33,5 | 32,5 | 30,5 | 27   | 25   | 22,5 | 19,5 | 16,5 |      |      |
|                         | CFM 350               | 3                              | 2,2 | 3,6                            | 16                      | 5,9                   |                          | 26   | 25,5 | 25   | 23,5 | 22,5 | 21,5 | 20,5 | 19   | 15   |      |
|                         | CF 400                | 4                              | 3   | 4,5                            |                         | 7,3                   |                          | 31,5 | 31,2 | 31   | 29,5 | 28,5 | 27,5 | 26   | 24,5 | 20,5 | 16,5 |
|                         | CF 550                | 5,5                            | 4   | 5,7                            |                         | 9,3                   |                          | 37   | 36   | 35,5 | 33,5 | 32   | 30,5 | 29   | 27,5 | 24   | 19   |



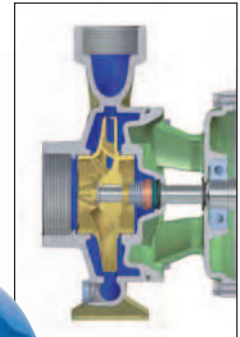
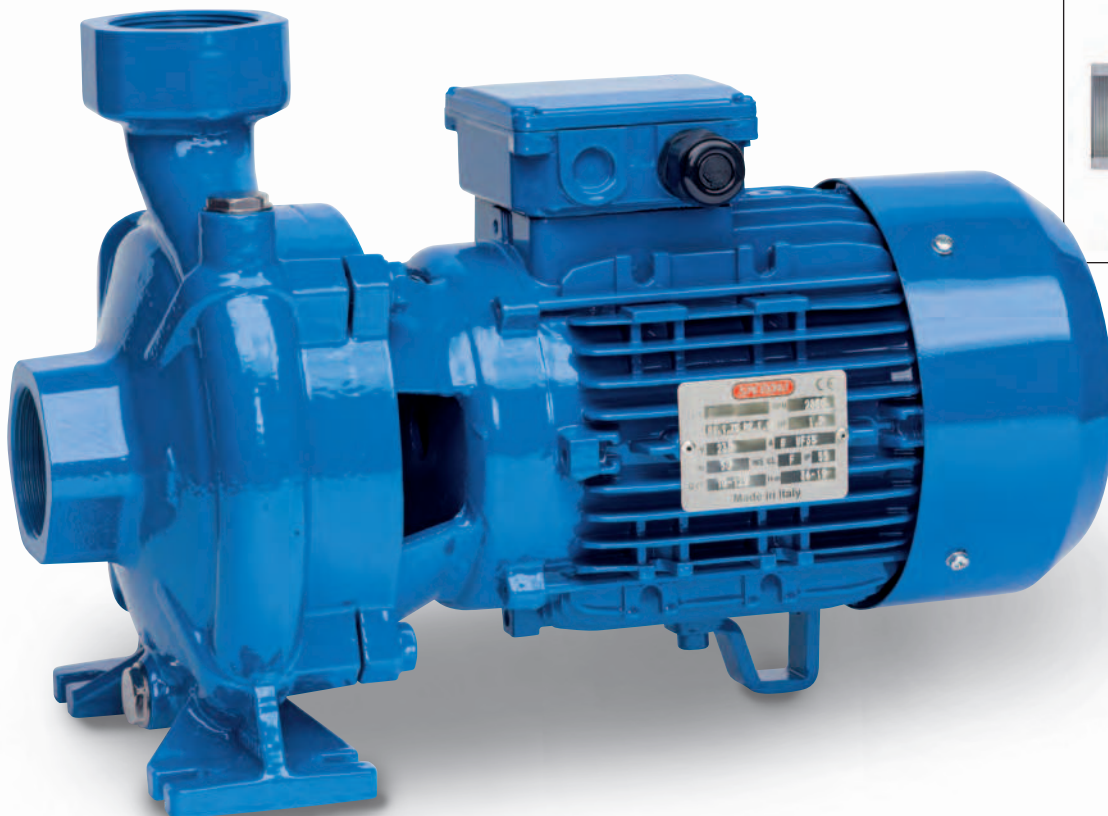
| TIPO TYPE               |                       | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |    |       |     |     |      |     | DIMENSIONES DIMENSIONS mm |     |     | PESO WEIGHT |      |
|-------------------------|-----------------------|--------------------------------|----|-----|-----|-----|----|-------|-----|-----|------|-----|---------------------------|-----|-----|-------------|------|
| Monofásico Single-phase | Trifásico Three-phase | A                              | B  | C   | D   | E   | F  | G     | H   | H1  | N    | DNA | DNM                       | P   | L   | H           | Kg   |
|                         | CF 150                | 96                             | 55 | 394 | 210 | 165 | 14 | 220   | 286 | 119 | 68,5 | 2"  | 2"                        | 259 | 507 | 345         | 23,7 |
|                         | CFM 200               | 96                             | 55 | 394 | 210 | 165 | 14 | 220   | 286 | 119 | 68,5 | 2"  | 2"                        | 259 | 507 | 345         | 27,6 |
|                         | CFM 300               | 96                             | 55 | 430 | 210 | 165 | 14 | 220   | 286 | 119 | 68,5 | 2"  | 2"                        | 259 | 507 | 345         | 30,7 |
|                         | CFM 350               | 98,5                           | 55 | 430 | 220 | 170 | 14 | 237,5 | 309 | 132 | 71   | 3"  | 2"                        | 282 | 490 | 365         | 31,6 |
|                         | CF 400                | 98,5                           | 55 | 496 | 220 | 170 | 14 | 237,5 | 309 | 132 | 71   | 3"  | 2"                        | 269 | 540 | 421         | 43,3 |
|                         | CF 550                | 98,5                           | 55 | 496 | 220 | 170 | 14 | 237,5 | 309 | 132 | 71   | 3"  | 2"                        | 269 | 540 | 421         | 46,6 |

### APLICACIONES

Electrobombas centrífugas monobloque, con rodete de latón. Estas máquinas son adecuadas para el bombeo de agua limpia y de otros líquidos químicamente y mecánicamente no agresivos. Adecuadas para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

### APPLICATION

Centrifugal monoblock with brass impeller. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. Used for a wide variety of applications in civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Latón                     |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

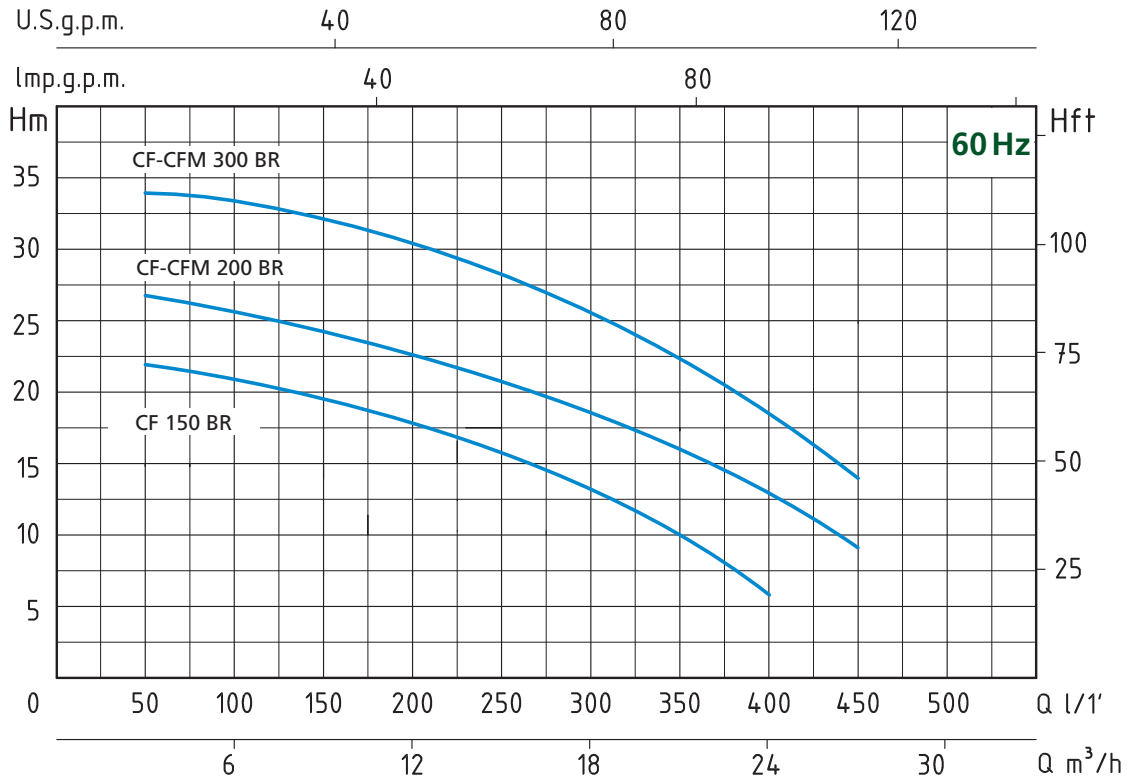
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

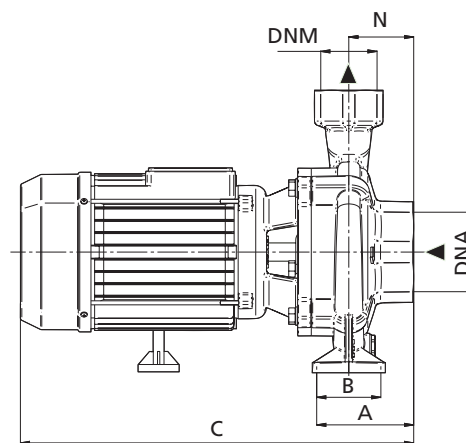
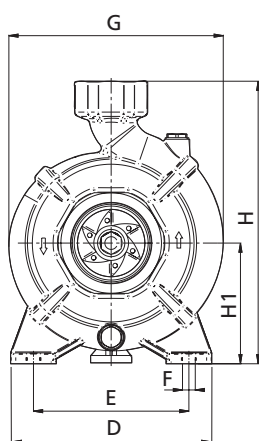
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |      |     |      |      |     |     |     |      |     |    |
|----------------------------|--------------------------|--------------------------------------|-----|---|----------------------------|--------------------------|--|------|-----|------|------|-----|-----|-----|------|-----|----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                   |     | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |      |      |     |     |     |      |     |    |
|                            |                          | HP                                   | kW  |   |                            |                          | kW   | m³/h | 6   | 7,5  | 9    | 12  | 15  | 18  | 21   | 24  | 27 |
| 220V-60Hz                  | 220/380V-60Hz            |                                      |     |   | 1 x 220V                   | 3 x 380V                 | lt/1'  | 100  | 125 | 150  | 200  | 250 | 300 | 350 | 400  | 450 |    |
|                            | CF 150 BR                | 1,5                                  | 1,1 | 1,75                                    |                            | 4                        | H (m)  | 22   | 21  | 20   | 18   | 16  | 13  | 10  | 6    |     |    |
|                            | CFM 200 BR               | 2                                    | 1,5 | 2,3                                     | 10,5                       | 4,9                      |  | 27   | 26  | 25   | 23   | 21  | 18  | 15  | 11,5 | 8   |    |
|                            | CFM 300 BR               | 3                                    | 2,2 | 3                                       | 13,5                       | 5,2                      |  | 33,5 | 33  | 32,5 | 30,5 | 28  | 25  | 22  | 19   | 14  |    |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |      |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |      |
|----------------------------|--------------------------|--------------------------------|----|-----|-----|-----|----|-----|-----|-----|------|-----|---------------------------------|-----|-----|----------------|------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | B  | C   | D   | E   | F  | G   | H   | H1  | N    | DNA | DNM                             | P   | L   | H              | Kg   |
|                            | CF 150 BR                | 96                             | 55 | 394 | 210 | 165 | 14 | 220 | 286 | 119 | 68,5 | 2"  | 2"                              | 259 | 507 | 345            | 24,9 |
|                            | CFM 200 BR               | 96                             | 55 | 394 | 210 | 165 | 14 | 220 | 286 | 119 | 68,5 | 2"  | 2"                              | 259 | 507 | 345            | 27,5 |
|                            | CFM 300 BR               | 96                             | 55 | 430 | 210 | 165 | 14 | 220 | 286 | 119 | 68,5 | 2"  | 2"                              | 259 | 507 | 345            | 31,1 |

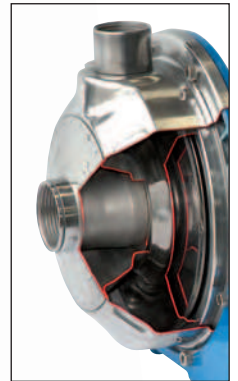
### APLICACIONES

Electrobombas centrífugas de un solo rodete adecuadas para responder a las exigencias de caudales grandes, medianos y pequeños.

Uso en instalaciones domésticas, agrícolas e industriales, distribución automática del agua por medio de depósitos pequeños (autoclave), para riego por aspersión y por inundación en jardín y en agricultura, para aumentar, en derivación la presión de suministro de los acueductos.

### APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- Cuerpo bomba: Acero inoxidable AISI 304
- Soporte del motor: Aluminio
- Rodete: Acero inoxidable AISI 304
- Eje motor: Acero inoxidable AISI 304
- Juntas mecánicas: Silicio/Grafito/EPDM

### OPERATING CONDITIONS

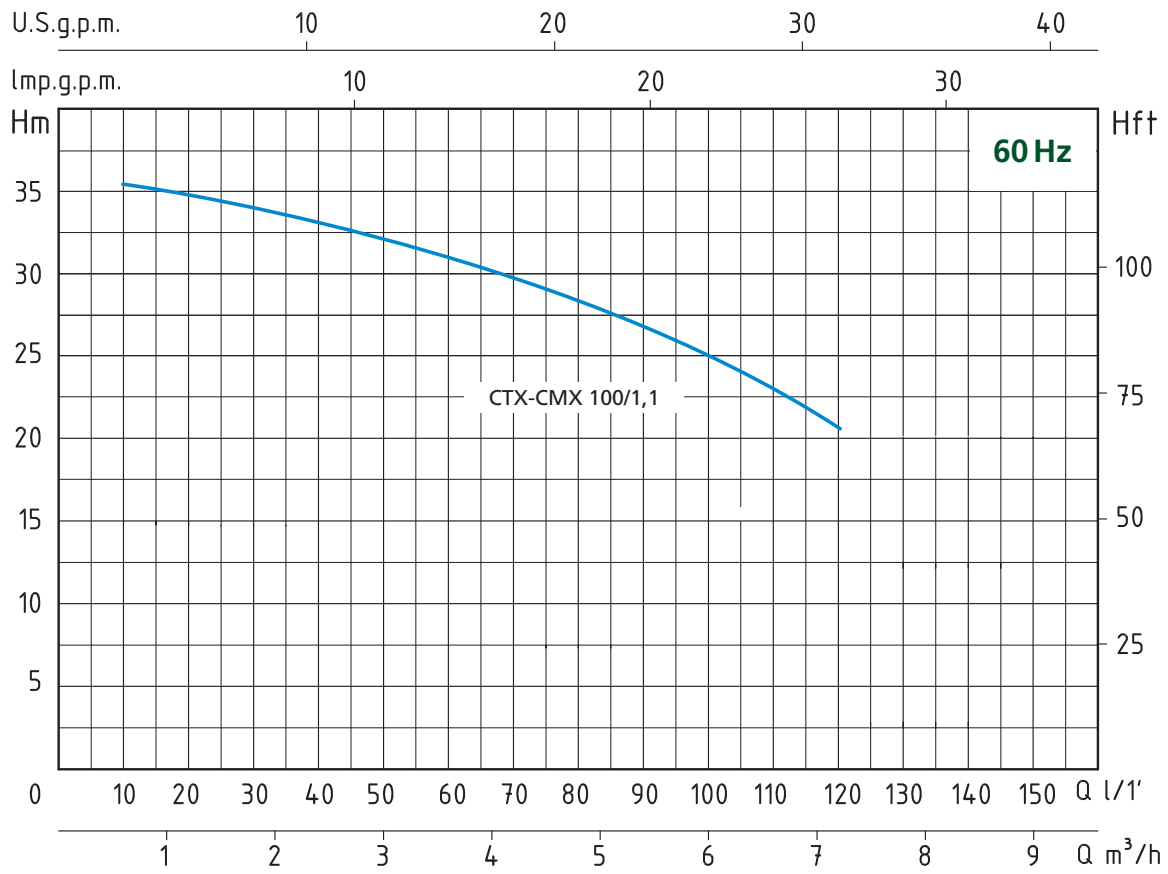
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

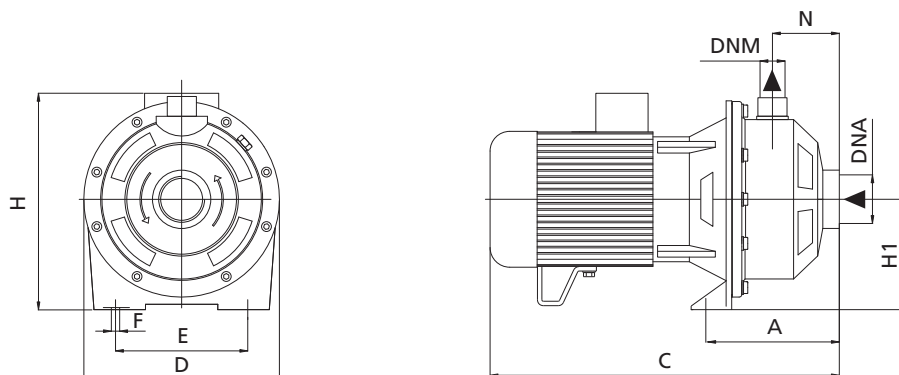
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- Pump body: Stainless Steel AISI 304
- Motor Support: Aluminium
- Impeller: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Mechanical seal: Silicon/Graphite/EPDM



| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |    |      |     |      |      |      |      |      |  |
|----------------------------|--------------------------|---|-----|---|----------------------------|--------------------------|--|----|------|-----|------|------|------|------|------|--|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                      |     | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | m³/h   | 0  | 0,6  | 1,2 | 2,4  | 3,6  | 4,8  | 6    | 7,2  |  |
|                            |                          | HP                                      | kW  | kW                                      |                            |                          | lt/1'  | 0  | 10   | 20  | 40   | 60   | 80   | 100  | 120  |  |
| 220V-60Hz                  | 220/380V-60Hz            |   |     |   | 1 x 220V                   | 3 x 380V                 | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |    |      |     |      |      |      |      |      |  |
| CMX 100/1,1                | CTX 100/1,1              | 1,5                                     | 1,1 | 1,5                                     | 7,1                        | 3,4                      | H (m)  | 36 | 35,5 | 35  | 33,5 | 31,5 | 28,5 | 25,5 | 20,5 |  |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |             |     |     |     |     |    |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |    |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|-------------|-----|-----|-----|-----|----|-----|-----|-----|---------------------------------|----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | C           | D   | E   | F   | H   | H1 | N   | DNA | DNM | P                               | L  | H   | Kg             |
|                            |                          | CMX 100/1,1                    | CTX 100/1,1 | 131 | 360 | 216 | 173 | 11 | 238 | 111 | 54  | 1" ¼                            | 1" | 237 | 387            |

### APLICACIONES

Electrobombas centrífugas de un solo rodete adecuadas para responder a las exigencias de caudales grandes, medianos y pequeños. Uso en instalaciones domésticas, agrícolas e industriales, distribución automática del agua por medio de depósitos pequeños (autoclave), para riego por aspersión y por inundación en jardín y en agricultura, para aumentar, en derivación la presión de suministro de los acueductos.

### APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41), temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Acero inoxidable AISI 304 |
| - Soporte del motor | Aluminio                  |
| - Rodete            | Acero inoxidable AISI 304 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Silicio/Grafito/EPDM      |

### OPERATING CONDITIONS

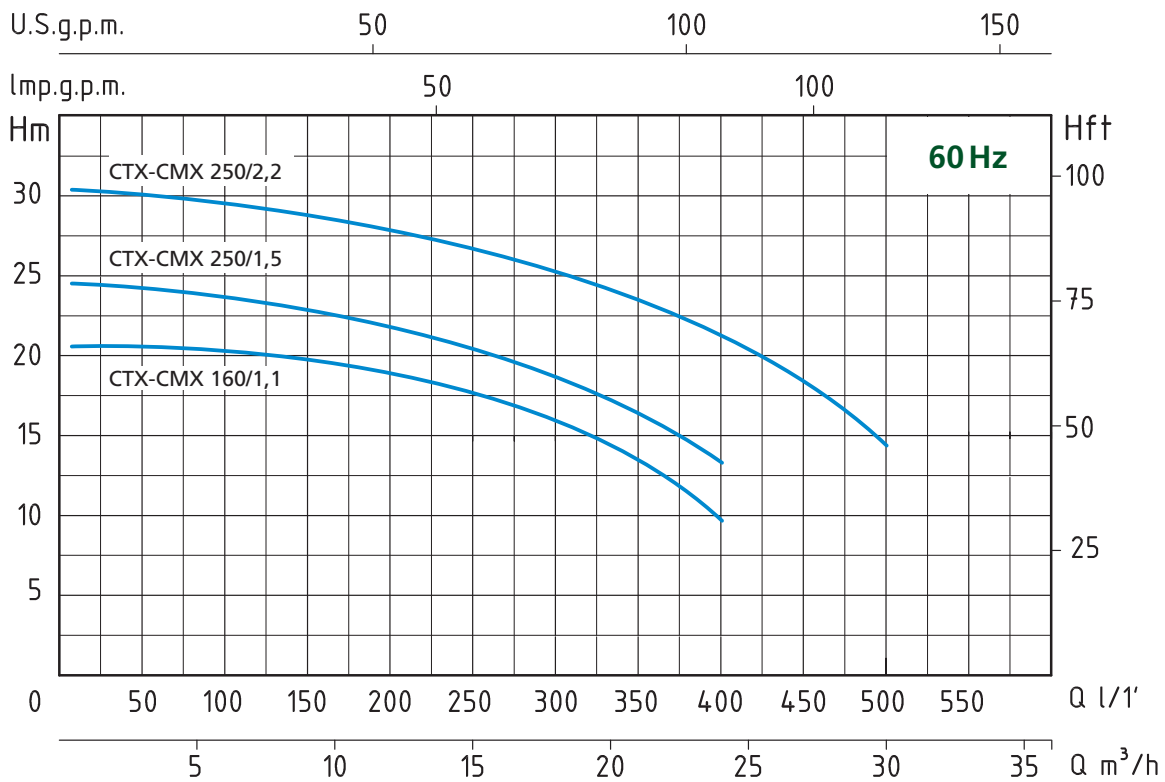
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41), Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

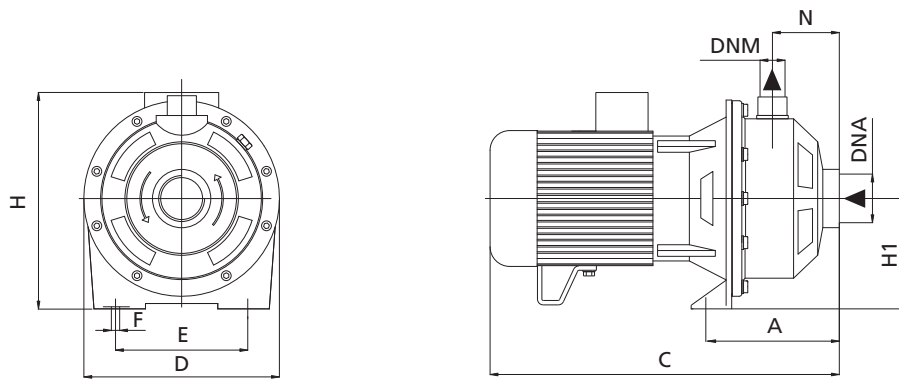
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Motor Support    | Aluminium                |
| - Impeller         | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Silicon/Graphite/EPDM    |



| TIPO<br>TYPE               |                          | POTENCIA NOMINAL<br>NOMINAL POWER |     | POTENCIA ABSORBIDA<br>INPUT POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |      |      |      |      |      |      |      |     |      |     |
|----------------------------|--------------------------|-----------------------------------|-----|-----------------------------------|----------------------------|--------------------------|--|------|------|------|------|------|------|------|-----|------|-----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                |     | P1                                | Monofásico<br>Single-phase | Trifásico<br>Three-phase | m³/h   | 0,6  | 2,4  | 4,8  | 7,2  | 9,6  | 12   | 18   | 24  | 30   | 33  |
| 220V-60Hz                  | 220/380V-60Hz            | HP                                | kW  | kW                                | 1 x 220V                   | 3 x 380V                 | lt/1'  | 10   | 40   | 80   | 120  | 160  | 200  | 300  | 400 | 500  | 550 |
| CMX 160/1,1                | CTX 160/1,1              | 1,5                               | 1,1 | 1,8                               | 8,2                        | 3,7                      | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |      |      |      |      |      |      |     |      |     |
| CMX 250/1,5                | CTX 250/1,5              | 2                                 | 1,5 | 2,35                              | 11,2                       | 5,2                      | H (m)  | 20,6 | 20,4 | 20,2 | 19,8 | 19   | 18   | 14,5 | 9,5 |      |     |
| CMX 250/2,2                | CTX 250/2,2              | 3                                 | 2,2 | 3,4                               | 15,7                       | 5,6                      |  | 24,7 | 24,4 | 24   | 23,5 | 22,5 | 21,5 | 18   | 13  |      |     |
|                            |                          |                                   |     |                                   |                            |                          |  | 30,7 | 30,4 | 30   | 29,5 | 29   | 28   | 25,5 | 21  | 14,5 |     |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |     |     |     |    |     |     |    |        |        | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|-----|-----|-----|----|-----|-----|----|--------|--------|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | C   | D   | E   | F  | H   | H1  | N  | DNA    | DNM    | P                               | L   | H   | Kg             |
| CMX 160/1,1                | CTX 160/1,1              | 143                            | 371 | 216 | 173 | 11 | 238 | 111 | 54 | 1" 1/2 | 1" 1/4 | 227                             | 487 | 274 | 16             |
| CMX 250/1,5                | CTX 250/1,5              | 143                            | 371 | 216 | 173 | 11 | 238 | 111 | 54 | 1" 1/2 | 1" 1/4 | 227                             | 487 | 274 | 20             |
| CMX 250/2,2                | CTX 250/2,2              | 143                            | 418 | 216 | 173 | 11 | 245 | 111 | 54 | 1" 1/2 | 1" 1/4 | 227                             | 487 | 274 | 23             |



### APLICACIONES

Electrobombas centrífugas de un solo rodete adecuadas para responder a las exigencias de caudales grandes, medianos y pequeños. Uso en instalaciones domésticas, agrícolas e industriales, distribución automática del agua por medio de depósitos pequeños (autoclave), para riego por aspersión y por inundación en jardín y en agricultura, para aumentar, en derivación la presión de suministro de los acueductos.

### APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41) Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- Cuerpo bomba Acero inoxidable AISI 304
- Soporte del motor Aluminio
- Rodete Acero inoxidable AISI 304
- Eje motor Acero inoxidable AISI 304
- Juntas mecánicas Silicio/Grafito/EPDM

### OPERATING CONDITIONS

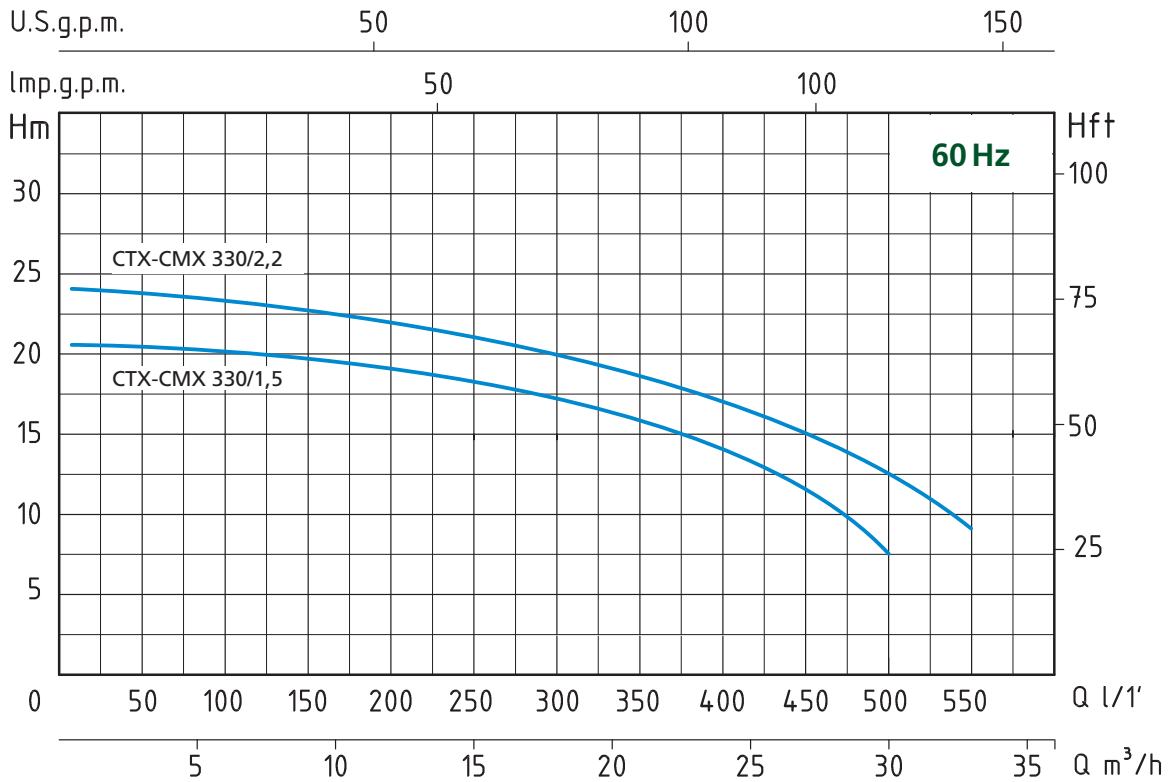
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41), Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

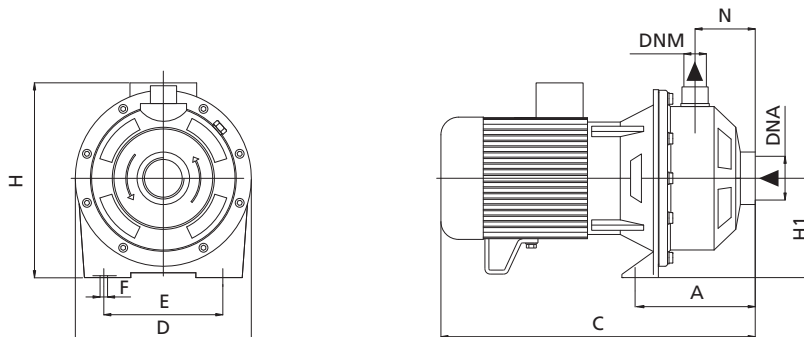
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- Pump body Stainless Steel AISI 304
- Motor Support Aluminium
- Impeller Stainless Steel AISI 304
- Shaft with rotor Stainless Steel AISI 304
- Mechanical seal Silicon/Graphite/EPDM



| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL POWER                                       |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY |      |      |      |      |      |      |      |     |     |     |
|----------------------------|--------------------------|--|-----|---|----------------------------|--------------------------|--------------------------|------|------|------|------|------|------|------|-----|-----|-----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2   |     | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | m³/h                     | 0,6  | 2,4  | 4,8  | 7,2  | 9,6  | 12   | 18   | 24  | 30  | 33  |
|                            |                          | HP   | kW  | kW                                      | 1 x 220V                   | 3 x 380V                 | lt/1'                    | 10   | 40   | 80   | 120  | 160  | 200  | 300  | 400 | 500 | 550 |
| 220V-60Hz                  | 220/380V-60Hz            | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |   |                            |                          |                          |      |      |      |      |      |      |      |     |     |     |
| CMX 330/1,5                | CTX 330/1,5              | 2  | 1,5 | 2,35                                    | 11,2                       | 5,2                      | H                        | 20,9 | 20,5 | 20,2 | 19,8 | 19,4 | 18,5 | 16   | 12  | 7,5 |     |
| CMX 330/2,2                | CTX 330/2,2              | 3  | 2,2 | 3                                       | 14                         | 5,4                      | (m)                      | 23,9 | 23,5 | 23,2 | 22,8 | 22,4 | 22   | 19,5 | 16  | 11  | 8,5 |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |     |     |     |    |     |     |    |     |        | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|-----|-----|-----|----|-----|-----|----|-----|--------|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | C   | D   | E   | F  | H   | H1  | N  | DNA | DNM    | P                               | L   | H   | Kg             |
| CMX 330/1,5                | CTX 330/1,5              | 143                            | 371 | 216 | 173 | 11 | 238 | 111 | 54 | 2"  | 1" 1/4 | 227                             | 487 | 274 | 20             |
| CMX 330/2,2                | CTX 330/2,2              | 143                            | 418 | 216 | 173 | 11 | 245 | 111 | 54 | 2"  | 1" 1/4 | 227                             | 487 | 274 | 23             |

# 2 CM 25

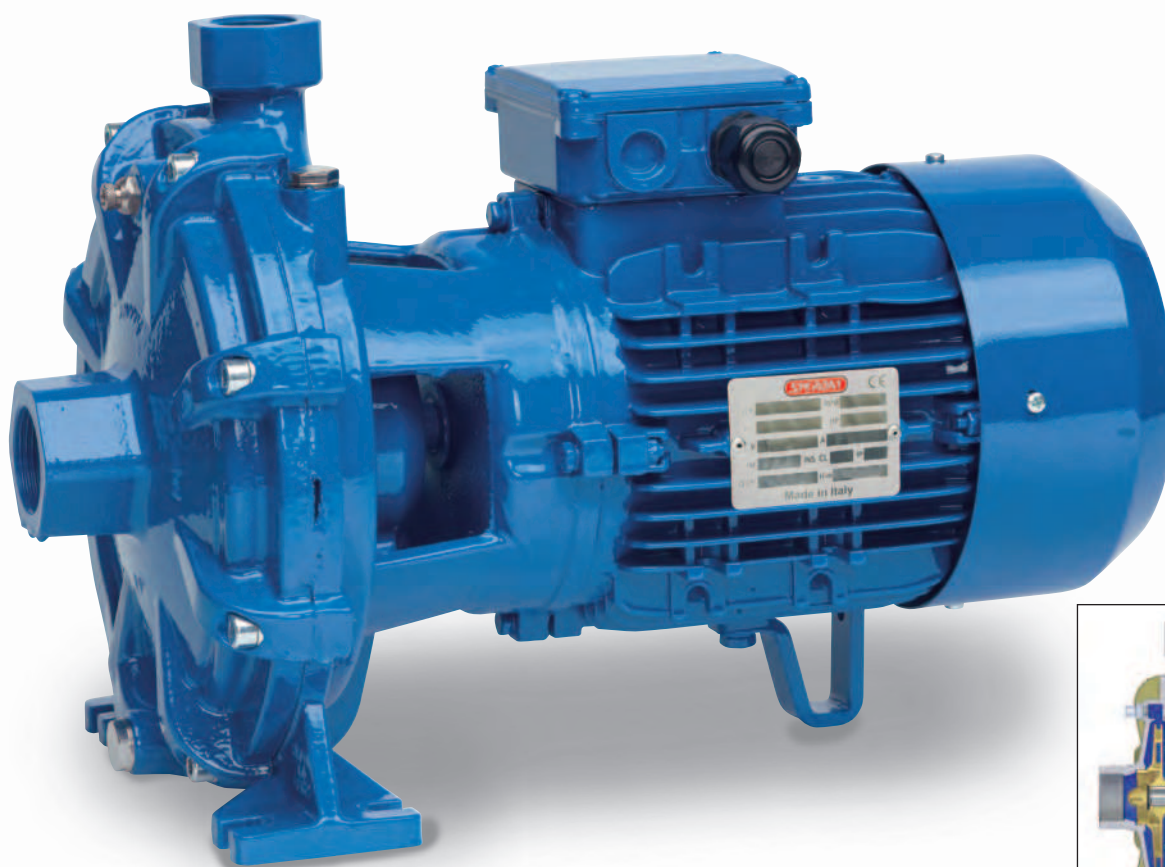
## ELECTROBOMBAS CENTRÍFUGAS DE DOS RODETES

### APLICACIONES

Electrobombas centrífugas de dos rodets para subir agua limpia y líquidos con carga moderada de impurezas no agresivos para los materiales de las bombas. Característica principal es el uso de dos rodets contrapuestos que permiten, a diferencia del modelo con un solo rodete, cargas hidrostáticas elevadas. Adecuadas para instalaciones civiles e industriales, distribución automática del agua por medio de depósitos pequeños y medianos (autoclave) y para riego por aspersión en el jardín y en agricultura.

### APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodetes           | Latón                     |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

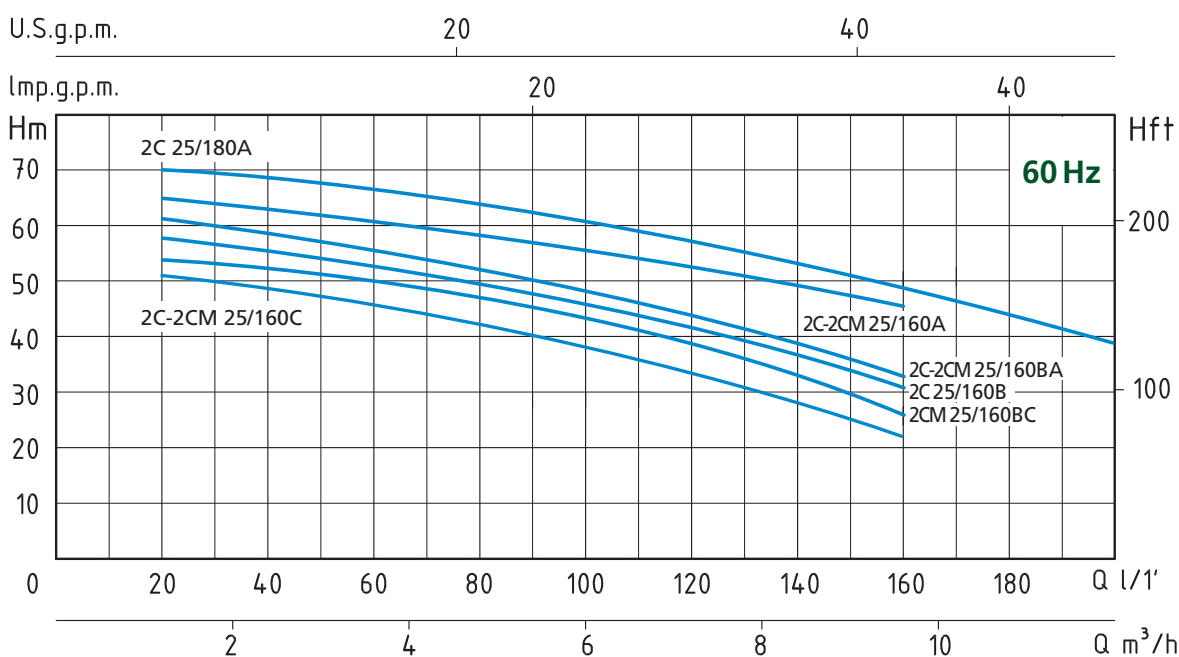
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

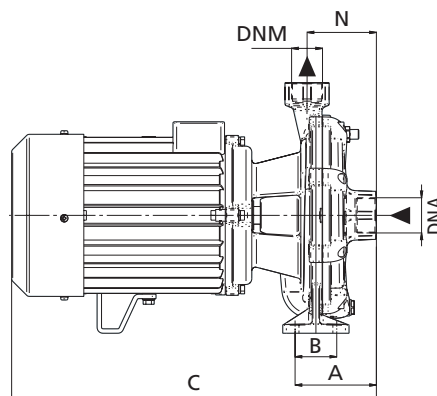
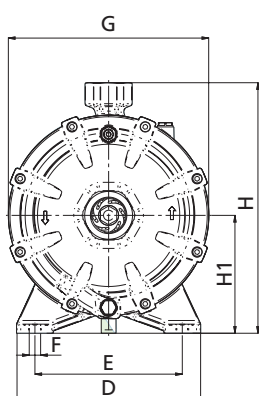
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impellers        | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO TYPE               |                       | POTENCIA NOMINAL NOMINAL POWER |      | POTENCIA ABSORBIDA INPUT POWER | AMPERIO AMPERE          |                       | Q = CAPACIDAD - CAPACITY   |     |      |      |     |      |     |      |     |      |     |  |
|-------------------------|-----------------------|--------------------------------|------|--------------------------------|-------------------------|-----------------------|--|-----|------|------|-----|------|-----|------|-----|------|-----|--|
| Monofásico Single-phase | Trifásico Three-phase | P2                             |      | P1                             | Monofásico Single-phase | Trifásico Three-phase | m³/h   | 1,2 | 2,4  | 3,6  | 4,8 | 6    | 7,2 | 8,4  | 9,6 | 10,8 | 12  |  |
|                         |                       | HP                             | kW   | kW                             | 1 x 220V                | 3 x 380V              | lt/1'  | 20  | 40   | 60   | 80  | 100  | 120 | 140  | 160 | 180  | 200 |  |
| 220V-60Hz               | 220/380V-60Hz         |                                |      |                                |                         |                       | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |      |      |     |      |     |      |     |      |     |  |
| 2CM 25/160C             | 2C 25/160C            | 1,5                            | 1,1  | 2,2                            | 10                      | 4,3                   | H (m)  | 51  | 49   | 47   | 44  | 40   | 35  | 27   | 23  |      |     |  |
| 2CM 25/160BC            |                       | 2                              | 1,5  | 2,4                            | 11                      |                       |  | 54  | 52   | 49   | 46  | 42   | 36  | 28   | 26  |      |     |  |
|                         | 2C 25/160B            | 2                              | 1,5  | 2,6                            |                         | 5                     |  | 58  | 56   | 53,5 | 50  | 47,5 | 42  | 35   | 31  |      |     |  |
| 2CM 25/160BA            | 2C 25/160BA           | 2,5                            | 1,85 | 2,8                            | 13                      | 5,2                   |  | 61  | 59   | 57   | 54  | 48   | 42  | 35   | 33  |      |     |  |
| 2CM 25/160A             | 2C 25/160A            | 3                              | 2,2  | 3,6                            | 16                      | 5,7                   |  | 65  | 62,5 | 61   | 59  | 57   | 54  | 50,5 | 46  |      |     |  |
|                         | 2C 25/180A            | 4                              | 3    | 4,2                            |                         | 7                     |  | 70  | 68   | 65   | 63  | 60   | 57  | 54   | 49  | 44   | 39  |  |



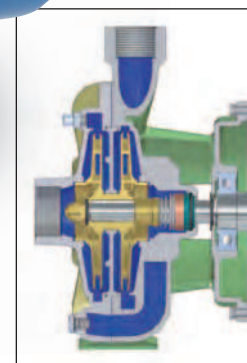
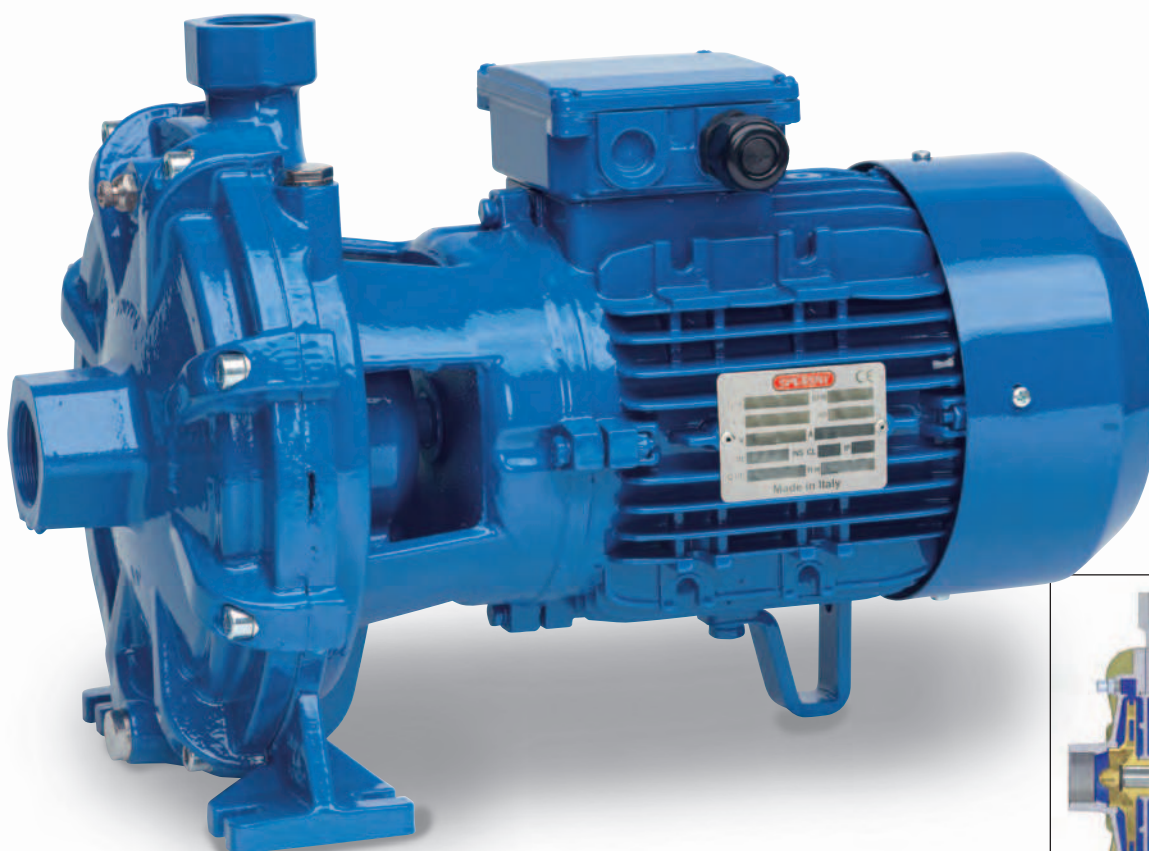
| TIPO TYPE               |                       | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |      |      |     | DIMENSIONES DIMENSIONS mm |     |     | PESO WEIGHT |
|-------------------------|-----------------------|--------------------------------|----|-----|-----|-----|----|-----|-----|-----|------|------|-----|---------------------------|-----|-----|-------------|
| Monofásico Single-phase | Trifásico Three-phase | A                              | B  | C   | D   | E   | F  | G   | H   | H1  | N    | DNA  | DNM | P                         | L   | H   | Kg          |
| 2CM 25/160C             | 2C 25/160C            | 95                             | 50 | 400 | 208 | 168 | 10 | 222 | 265 | 120 | 85   | 1" ¼ | 1"  | 240                       | 414 | 314 | 24,6        |
| 2CM 25/160BC            |                       | 95                             | 50 | 432 | 208 | 168 | 10 | 222 | 265 | 120 | 85   | 1" ¼ | 1"  | 240                       | 414 | 314 | 26,4        |
|                         | 2C 25/160B            | 95                             | 50 | 432 | 208 | 168 | 10 | 222 | 265 | 120 | 85   | 1" ¼ | 1"  | 240                       | 414 | 314 | 24,6        |
| 2CM 25/160BA            | 2C 25/160BA           | 95                             | 46 | 432 | 208 | 168 | 10 | 222 | 265 | 120 | 85   | 1" ¼ | 1"  | 259                       | 507 | 345 | 29,9        |
| 2CM 25/160A             | 2C 25/160A            | 108,5                          | 46 | 440 | 230 | 190 | 12 | 246 | 290 | 132 | 92,5 | 1" ¼ | 1"  | 259                       | 507 | 345 | 36,1        |
|                         | 2C 25/180A            | 108,5                          | 46 | 440 | 230 | 190 | 12 | 246 | 290 | 132 | 92,5 | 1" ¼ | 1"  | 310                       | 530 | 460 | 35,9        |

### APLICACIONES

Electrobombas centrífugas de dos rodets para subir agua limpia y líquidos con carga moderada de impurezas no agresivos para los materiales de las bombas. Característica principal es el uso de dos rodets contrapuestos que permiten, a diferencia del modelo con un solo rodete, cargas hidrostáticas elevadas. Adecuadas para instalaciones civiles e industriales, distribución automática del agua por medio de depósitos pequeños y medianos (autoclave) y para riego por aspersión en el jardín y en agricultura.

### APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rotores           | Latón                     |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

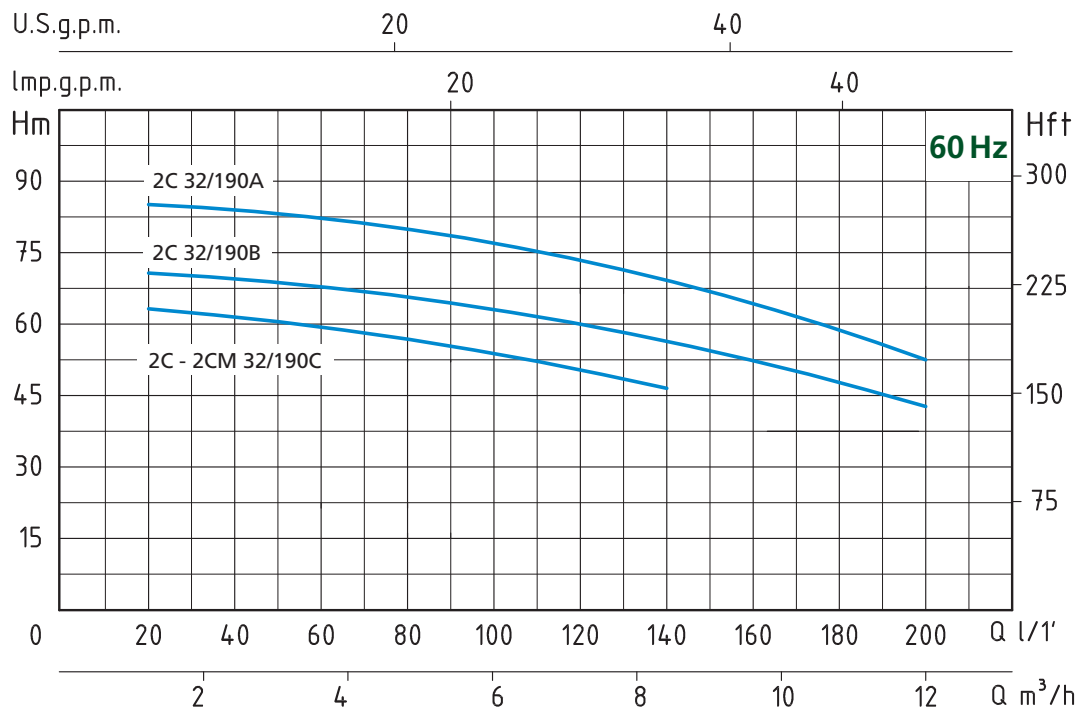
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

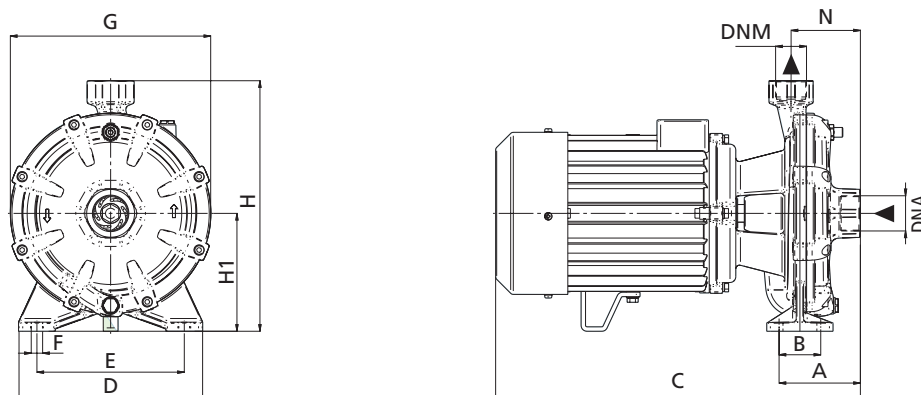
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impellers        | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |     |     |      |     |     |     |     |     |      |     |
|----------------------------|--------------------------|--------------------------------------|-----|---|----------------------------|--------------------------|--|-----|-----|------|-----|-----|-----|-----|-----|------|-----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                   |     | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |      |     |     |     |     |     |      |     |
|                            |                          | HP                                   | KW  | KW                                      |                            |                          | m³/h   | 1,2 | 2,4 | 3,6  | 4,8 | 6   | 7,2 | 8,4 | 9,6 | 10,8 | 12  |
| 220V-60Hz                  | 220/380V-60Hz            |                                      |     |   | 1 x 220V                   | 3 x 380V                 | lt/1'  | 20  | 40  | 60   | 80  | 100 | 120 | 140 | 160 | 180  | 200 |
| 2CM 32/190C                | 2C 32/190C               | 3                                    | 2,2 | 3,6                                     | 16                         | 5,7                      | H (m)  | 63  | 60  | 58   | 56  | 54  | 50  | 46  |     |      |     |
|                            | 2C 32/190B               | 4                                    | 3   | 4,5                                     |                            | 7,5                      |  | 73  | 72  | 69,5 | 65  | 63  | 60  | 56  | 54  | 49   | 43  |
|                            | 2C 32/190A               | 5,5                                  | 4   | 6                                       |                            | 9,3                      |  | 87  | 86  | 84   | 80  | 77  | 74  | 68  | 64  | 60   | 56  |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |            |     |     |     |     |     |     |     |     |        | DIMENSIONES<br>DIMENSIONS<br>mm |        |        | PESO<br>WEIGHT |      |
|----------------------------|--------------------------|--------------------------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|--------|---------------------------------|--------|--------|----------------|------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | B          | C   | D   | E   | F   | G   | H   | H1  | N   | DNA    | DNM                             | P      | L      | H              | Kg   |
|                            |                          | 2CM 32/190C                    | 2C 32/190C | 120 | 60  | 450 | 250 | 200 | 15  | 272 | 340 | 160    | 94                              | 1" 1/2 | 1" 1/4 | 310            | 530  |
|                            | 2C 32/190B               | 120                            | 60         | 485 | 250 | 200 | 15  | 272 | 340 | 160 | 94  | 1" 1/2 | 1" 1/4                          | 310    | 530    | 460            | 44,9 |
|                            | 2C 32/190A               | 120                            | 60         | 495 | 250 | 200 | 15  | 272 | 340 | 160 | 94  | 1" 1/2 | 1" 1/4                          | 310    | 530    | 460            | 53,9 |

# 2 CM 32

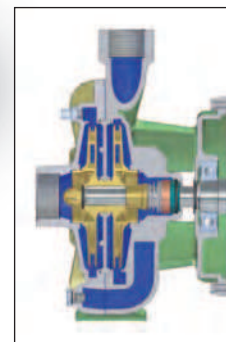
## ELECTROBOMBAS CENTRÍFUGAS DE DOS RODETES

### APLICACIONES

Electrobombas centrífugas de dos rodets para subir agua limpia y líquidos con carga moderada de impurezas no agresivos para los materiales de las bombas. Característica principal es el uso de dos rodets contrapuestos que permiten, a diferencia del modelo con un solo rodete, cargas hidrostáticas elevadas. Adecuadas para instalaciones civiles e industriales, distribución automática del agua por medio de depósitos pequeños y medianos (auto-clave) y para riego por aspersión en el jardín y en agricultura.

### APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodetes           | Latón                     |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

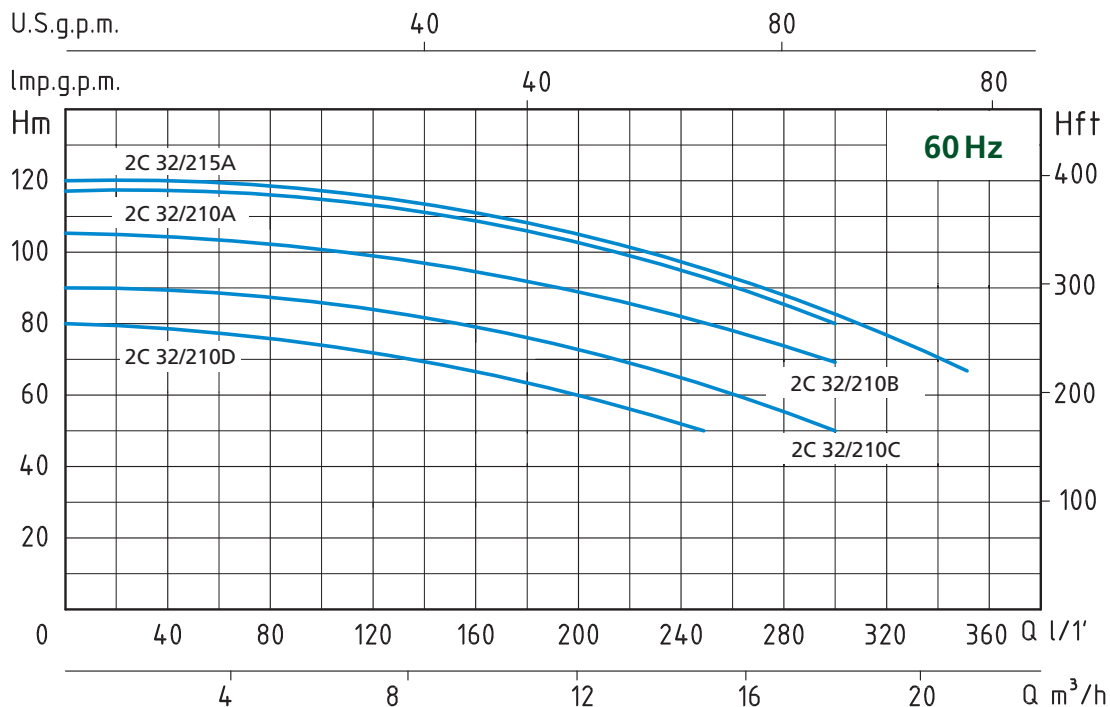
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

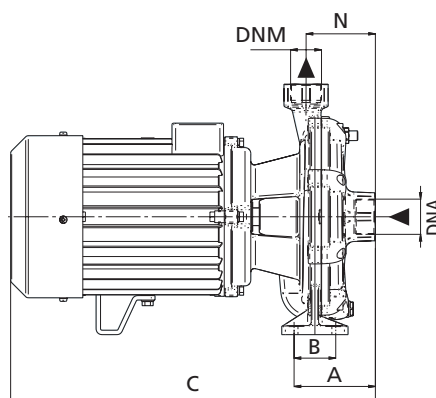
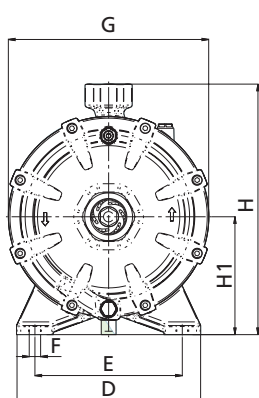
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impellers        | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | POTENCIA NOMINAL<br>NOMINAL POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE        | Q = CAPACIDAD - CAPACITY   |       |       |       |       |       |      |     |     |     |     |    |
|--------------------------|-----------------------------------|-----|---|--------------------------|--|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|----|
|                          | HP                                | kW  | kW                                      |                          | Trifásico<br>Three-phase   | m³/h  | 0     | 1,5   | 3     | 4,5   | 6    | 9   | 12  | 15  | 18  | 21 |
| Trifásico<br>Three-phase |                                   |     |   | Trifásico<br>Three-phase | lt/1'  | 0     | 25    | 50    | 75    | 100   | 150  | 200 | 250 | 300 | 350 |    |
|                          |                                   |     |   | 3 x 380V                 | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |       |       |       |       |       |      |     |     |     |     |    |
| 2C 32/210D               | 5,5                               | 4   | 6                                       | 9,3                      | H (m)  | 79    | 78,8  | 78,5  | 77,3  | 75,5  | 70   | 62  | 50  |     |     |    |
| 2C 32/210C               | 7,5                               | 5,5 | 8                                       | 13                       |  | 90    | 89,5  | 89    | 88    | 87    | 82,5 | 76  | 60  | 49  |     |    |
| 2C 32/210B               | 10                                | 7,5 | 10                                      | 16                       |  | 105,5 | 105,3 | 105   | 104   | 102,5 | 98   | 91  | 82  | 68  |     |    |
| 2C 32/210A               | 12,5                              | 9,2 | 11,5                                    | 18,5                     |  | 117   | 116,8 | 116,5 | 115,5 | 114,5 | 110  | 103 | 94  | 82  |     |    |
| 2C 32/215A               | 15                                | 11  | 13                                      | 21                       |  | 120   | 119,8 | 119,5 | 118,5 | 117,5 | 112  | 105 | 96  | 84  | 67  |    |



| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |        | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |      |
|--------------------------|--------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|--------|---------------------------------|----------------|-----|------|
|                          | A                              | B  | C   | D   | E   | F  | G   | H   | H1  | N   | DNA | DNM    |                                 |                | P   | L    |
| Trifásico<br>Three-phase |                                |    |     |     |     |    |     |     |     |     |     |        |                                 |                |     |      |
| 2C 32/210D               | 121                            | 60 | 530 | 280 | 225 | 15 | 300 | 375 | 160 | 107 | 2"  | 1" 1/4 | 342                             | 620            | 475 | 60   |
| 2C 32/210C               | 121                            | 60 | 575 | 280 | 225 | 15 | 300 | 375 | 160 | 107 | 2"  | 1" 1/4 | 342                             | 620            | 475 | 70,6 |
| 2C 32/210B               | 121                            | 60 | 575 | 280 | 225 | 15 | 300 | 375 | 160 | 107 | 2"  | 1" 1/4 | 342                             | 620            | 475 | 75,4 |
| 2C 32/210A               | 121                            | 60 | 575 | 280 | 225 | 15 | 300 | 375 | 160 | 107 | 2"  | 1" 1/4 | 372                             | 805            | 550 | 91,1 |
| 2C 32/215A               | 121                            | 60 | 612 | 280 | 225 | 15 | 300 | 375 | 160 | 107 | 2"  | 1" 1/4 | 372                             | 805            | 550 | 96,1 |



# 2 CM 40

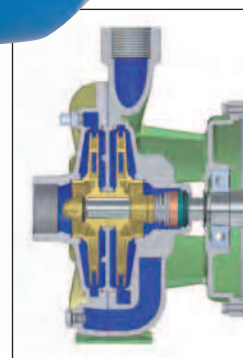
## ELECTROBOMBAS CENTRÍFUGAS DE DOS RODETES

### APLICACIONES

Electrobombas centrífugas de dos rodets para subir agua limpia y líquidos con carga moderada de impurezas no agresivos para los materiales de las bombas. Característica principal es el uso de dos rodets contrapuestos que permiten, a diferencia del modelo con un solo rodete, cargas hidrostáticas elevadas. Adecuadas para instalaciones civiles e industriales, distribución automática del agua por medio de depósitos pequeños y medianos (auto-clave) y para riego por aspersión en el jardín y en agricultura.

### APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rotores           | Latón                     |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

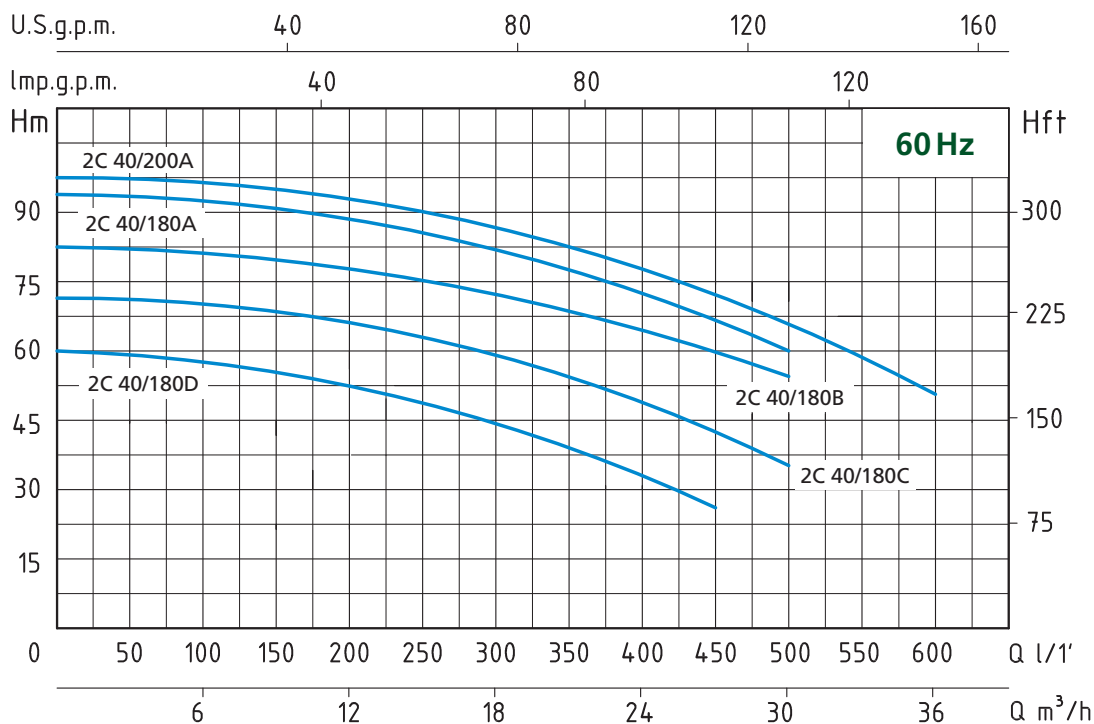
### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

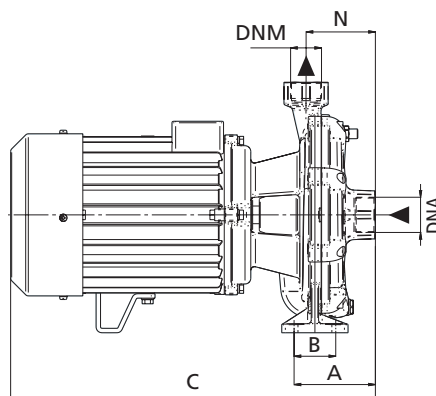
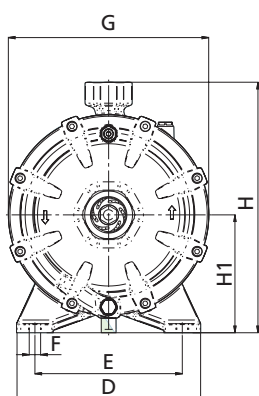
### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impellers        | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

# TWIN IMPELLER CENTRIFUGAL PUMPS



| TIPO<br>TYPE             | POTENCIA NOMINAL<br>NOMINAL POWER |     | POTENCIA ABSORBIDA<br>INPUT POWER | AMPERIO<br>AMPERE                    | Q = CAPACIDAD - CAPACITY   |      |      |      |      |     |     |     |     |     |     |
|--------------------------|-----------------------------------|-----|-----------------------------------|--------------------------------------|--|------|------|------|------|-----|-----|-----|-----|-----|-----|
|                          | HP                                | kW  | kW                                |                                      | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |      |      |      |     |     |     |     |     |     |
| Trifásico<br>Three-phase | P2                                |     | P1                                | Trifásico<br>Three-phase<br>3 x 380V | m³/h   | 0    | 3    | 6    | 9    | 15  | 18  | 24  | 27  | 30  | 36  |
|                          | HP                                | kW  | kW                                |                                      | lt/1'  | 0    | 50   | 100  | 150  | 250 | 300 | 400 | 450 | 500 | 600 |
| 2C 40/180D               | 5,5                               | 4   | 6                                 | 9,3                                  | H (m)  | 60   | 59   | 58   | 56   | 50  | 45  | 34  | 25  |     |     |
| 2C 40/180C               | 7,5                               | 5,5 | 8                                 | 13                                   |  | 71   | 70,7 | 70,5 | 69   | 64  | 60  | 50  | 43  | 35  |     |
| 2C 40/180B               | 10                                | 7,5 | 10                                | 16                                   |  | 87   | 86   | 85   | 83   | 78  | 75  | 65  | 60  | 51  |     |
| 2C 40/180A               | 12,5                              | 9,2 | 11,5                              | 18,5                                 |  | 93,5 | 93,3 | 93   | 92   | 87  | 82  | 71  | 65  | 58  |     |
| 2C 40/200A               | 15                                | 11  | 13                                | 21                                   |  | 96   | 95,8 | 95,5 | 94,5 | 90  | 86  | 77  | 71  | 65  | 48  |



| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |        | DIMENSIONES DIMENSIONS mm |     |     | PESO<br>WEIGHT |
|--------------------------|--------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|--------|---------------------------|-----|-----|----------------|
| Trifásico<br>Three-phase | A                              | B  | C   | D   | E   | F  | G   | H   | H1  | N   | DNA | DNM    | P                         | L   | H   | Kg             |
| 2C 40/180D               | 126                            | 60 | 535 | 280 | 225 | 15 | 300 | 375 | 160 | 116 | 2"  | 1" 1/2 | 342                       | 620 | 475 | 60,9           |
| 2C 40/180C               | 126                            | 60 | 580 | 280 | 225 | 15 | 300 | 375 | 160 | 116 | 2"  | 1" 1/2 | 342                       | 620 | 475 | 71,2           |
| 2C 40/180B               | 126                            | 60 | 580 | 280 | 225 | 15 | 300 | 375 | 160 | 116 | 2"  | 1" 1/2 | 342                       | 620 | 475 | 72,6           |
| 2C 40/180A               | 126                            | 60 | 580 | 280 | 225 | 15 | 300 | 375 | 160 | 116 | 2"  | 1" 1/2 | 372                       | 805 | 550 | 94,1           |
| 2C 40/200A               | 126                            | 60 | 612 | 280 | 225 | 15 | 300 | 375 | 160 | 116 | 2"  | 1" 1/2 | 372                       | 805 | 550 | 97,1           |

### APLICACIONES

Electrobombas centrífugas de desplazamiento con un solo rodete de baja carga hidrostática, con altos valores de caudal.

Adecuadas para bombear aguas limpias y líquidos con carga moderada de impurezas, que no sean agresivos para los materiales de fabricación de la bomba.

Adecuadas en las instalaciones de riego, en el jardín, en agricultura y en las instalaciones industriales.

### APPLICATION

Centrifugal single impeller low head water pumps for flow irrigation systems with high flow rates.

Suitable to pump clean water or non-aggressive liquids charged with small solid impurities.

To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

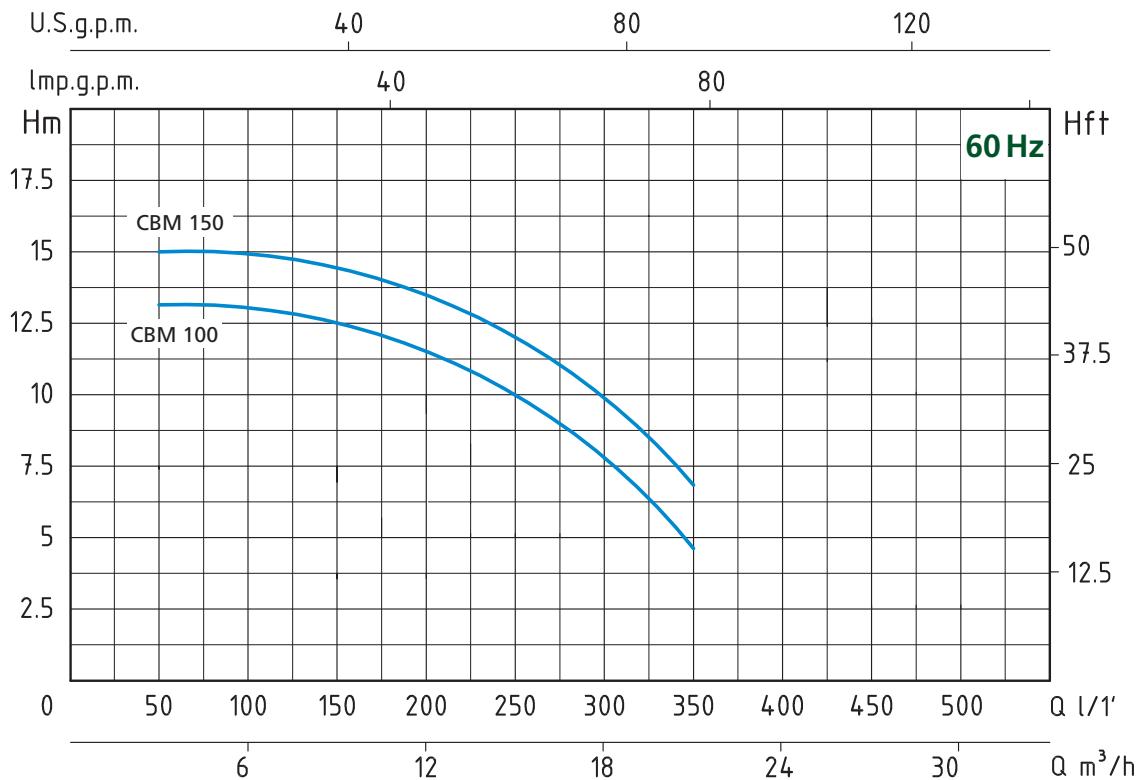
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

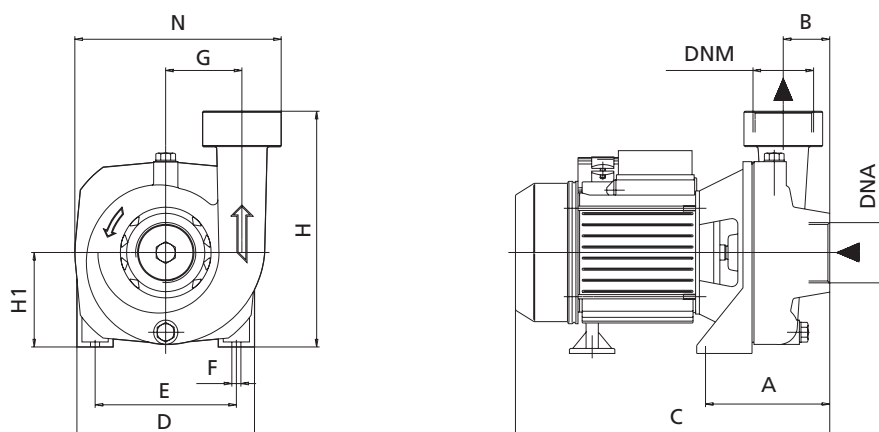
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE               | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Q = CAPACIDAD - CAPACITY   |    |      |      |      |     |     |     |     |     |     |  |  |
|----------------------------|---|------|---|----------------------------|--|----|------|------|------|-----|-----|-----|-----|-----|-----|--|--|
|                            | HP                                      | kW   | kW                                      | Monofásico<br>Single-phase | m³/h   | 3  | 6    | 9    | 12   | 15  | 18  | 21  | 24  | 27  | 30  |  |  |
| Monofásico<br>Single-phase | P2                                      |      | P1                                      | Monofásico<br>Single-phase | lt/1'  | 50 | 100  | 150  | 200  | 250 | 300 | 350 | 400 | 450 | 500 |  |  |
| 220V-60Hz                  |   |      | kW                                      | 1 x 220V                   | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |    |      |      |      |     |     |     |     |     |     |  |  |
| <b>CBM 100</b>             | 1                                       | 0,75 | 1,1                                     | 5,3                        | H<br>(m)   | 13 | 12,8 | 12,2 | 11,5 | 10  | 7   | 4   |     |     |     |  |  |
| <b>CBM 150</b>             | 1,5                                     | 1,1  | 1,8                                     | 7,9                        |  | 15 | 14,8 | 14,3 | 13,8 | 13  | 9   | 6   |     |     |     |  |  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |   |    |     |    |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------------|----|-----|-----|-----|---|----|-----|----|-----|-----|-----|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | A                              | B  | C   | D   | E   | F | G  | H   | H1 | N   | DNA | DNM | P                               | L   | H   | Kg             |
| <b>CBM 100</b>             | 125                            | 45 | 310 | 176 | 140 | 9 | 80 | 240 | 94 | 205 | 2"  | 2"  | 229                             | 385 | 294 | 16,5           |
| <b>CBM 150</b>             | 125                            | 45 | 310 | 176 | 140 | 9 | 80 | 240 | 94 | 205 | 2"  | 2"  | 229                             | 385 | 294 | 17,2           |

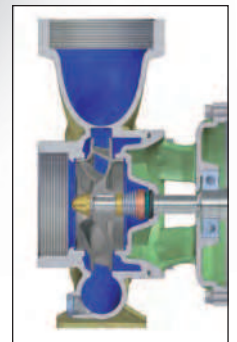
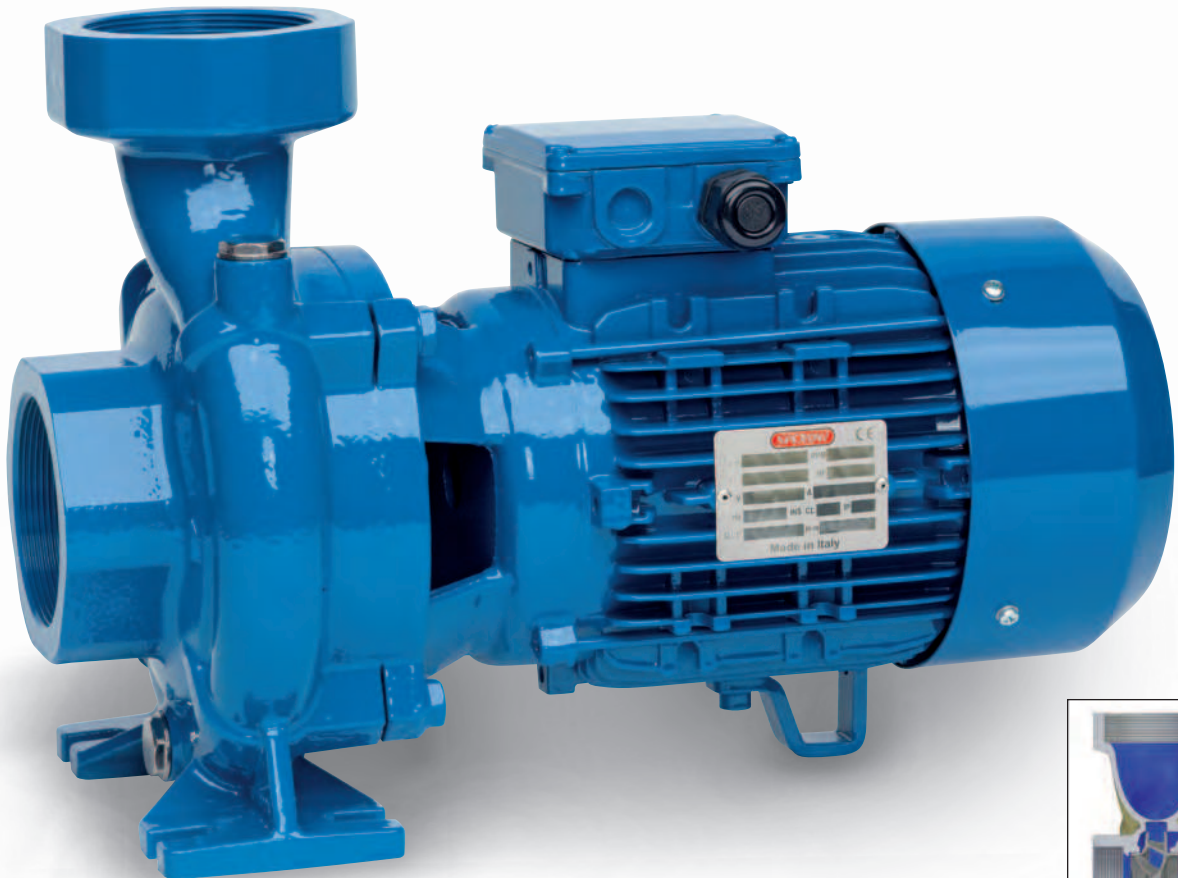
### APLICACIONES

Electrobombas centrífugas de desplazamiento con un solo rodete. Adecuadas para bombear aguas limpias y líquidos con carga moderada de impurezas, que no sean agresivos para los materiales de fabricación de la bomba. Adecuadas en las instalaciones de riego, en el jardín y en agricultura por desplazamiento y en las instalaciones industriales.

### APPLICATION

Centrifugal irrigation pumps with single impeller. Suitable to pump clean water or non-aggressive liquids charged with small solid impurities.

To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

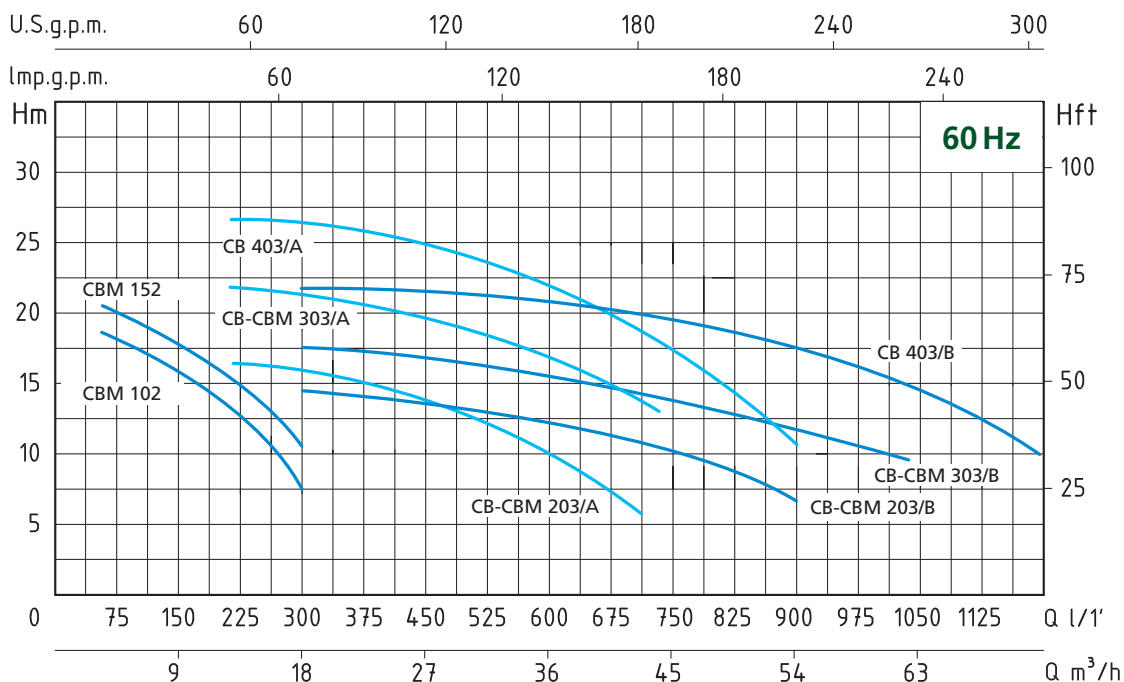
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

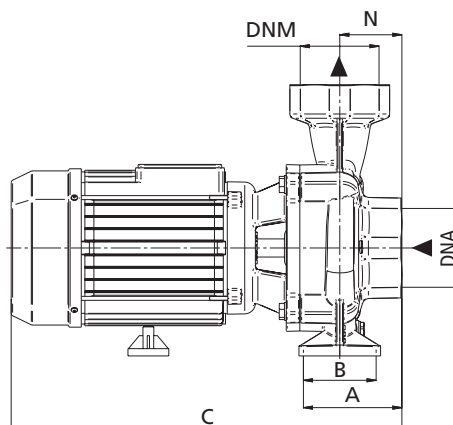
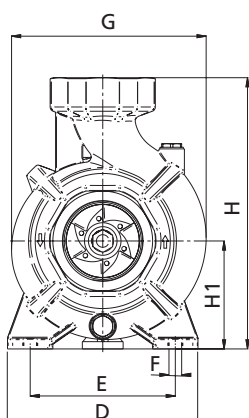
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY |    |  |      |      |      |      |      |      |      |      |      |    |
|----------------------------|--------------------------|--------------------------------------|-----|---|----------------------------|--------------------------|--------------------------|----|--|------|------|------|------|------|------|------|------|------|----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                   |     | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | m³/h                     | 3  | 6  | 12   | 18   | 24   | 30   | 42   | 54   | 60   | 72   |      |    |
|                            |                          | HP                                   | kW  | kW                                      |                            |                          | lt/1'                    | 50 | 100  | 200  | 300  | 400  | 500  | 700  | 900  | 1000 | 1200 |      |    |
|                            |                          | 220V-60Hz                            |     | 220/380V-60Hz                           | 1 x 220V                   |                          | 3 x 380V                 |    | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |      |      |      |      |      |      |      |      |    |
| CBM 102                    |                          | 1                                    | 0,8 | 1,15                                    | 5,5                        |                          |                          | 18 | 17   | 13,5 | 7,5  |      |      |      |      |      |      |      |    |
| CBM 152                    |                          | 1,5                                  | 1,1 | 1,45                                    | 7                          |                          |                          | 21 | 19,5   | 16   | 10,5 |      |      |      |      |      |      |      |    |
| CBM 203/A                  | CB 203/A                 | 2                                    | 1,5 | 2,4                                     | 10,7                       | 5                        |                          |    |  | 16   | 15   | 14   | 12,5 | 6    |      |      |      |      |    |
| CBM 203/B                  | CB 203/B                 | 2                                    | 1,5 | 2,4                                     | 10,7                       | 5                        |                          |    |  |      | 13,9 | 13,5 | 13   | 10,5 | 7    |      |      |      |    |
| CBM 303/A                  | CB 303/A                 | 3                                    | 2,2 | 3,3                                     | 15                         | 5,5                      |                          |    |  |      | 22   | 21   | 20   | 18,5 | 13   |      |      |      |    |
| CBM 303/B                  | CB 303/B                 | 3                                    | 2,2 | 3,3                                     | 15                         | 5,5                      |                          |    |  |      |      | 17,4 | 17,2 | 17   | 15   | 11,5 | 9,5  |      |    |
|                            | CB 403/A                 | 4                                    | 3   | 4,5                                     |                            | 7,3                      |                          |    |  |      |      | 26,5 | 26   | 25   | 23,5 | 18,5 | 11   |      |    |
|                            | CB 403/B                 | 4                                    | 3   | 4,5                                     |                            | 7,3                      |                          |    |  |      |      |      | 21,4 | 21,2 | 20,5 | 19   | 16,5 | 14,5 | 10 |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |     |     |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | B  | C   | D   | E   | F   | G   | H   | H1  | N   | DNA | DNM | P                               | L   | H   | Kg             |
|                            |                          | CBM 102                        |    | 144 | -   | 332 | 182 | 140 | 10  | 193 | 247 | 97  | 69  | 2"                              | 2"  | 229 | 385            |
| CBM 152                    |                          | 144                            | -  | 332 | 182 | 140 | 10  | 193 | 247 | 97  | 69  | 2"  | 2"  | 229                             | 385 | 294 | 18,4           |
| CBM 203/A                  | CB 203/A                 | 96                             | 55 | 433 | 210 | 160 | 14  | 215 | 300 | 120 | 69  | 3"  | 3"  | 259                             | 507 | 345 | 28,9           |
| CBM 203/B                  | CB 203/B                 | 96                             | 55 | 433 | 210 | 160 | 14  | 222 | 300 | 120 | 69  | 3"  | 3"  | 259                             | 507 | 345 | 29,2           |
| CBM 303/A                  | CB 303/A                 | 96                             | 55 | 433 | 210 | 160 | 14  | 215 | 300 | 120 | 69  | 3"  | 3"  | 259                             | 507 | 345 | 33,3           |
| CBM 303/B                  | CB 303/B                 | 96                             | 55 | 433 | 210 | 160 | 14  | 222 | 300 | 120 | 69  | 3"  | 3"  | 259                             | 507 | 345 | 33,5           |
|                            | CB 403/A                 | 96                             | 55 | 496 | 210 | 160 | 14  | 215 | 300 | 120 | 69  | 3"  | 3"  | 269                             | 540 | 421 | 45             |
|                            | CB 403/B                 | 96                             | 55 | 496 | 210 | 160 | 14  | 222 | 300 | 120 | 69  | 3"  | 3"  | 269                             | 540 | 421 | 45,3           |

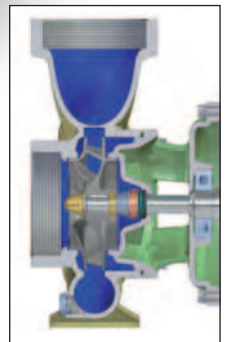
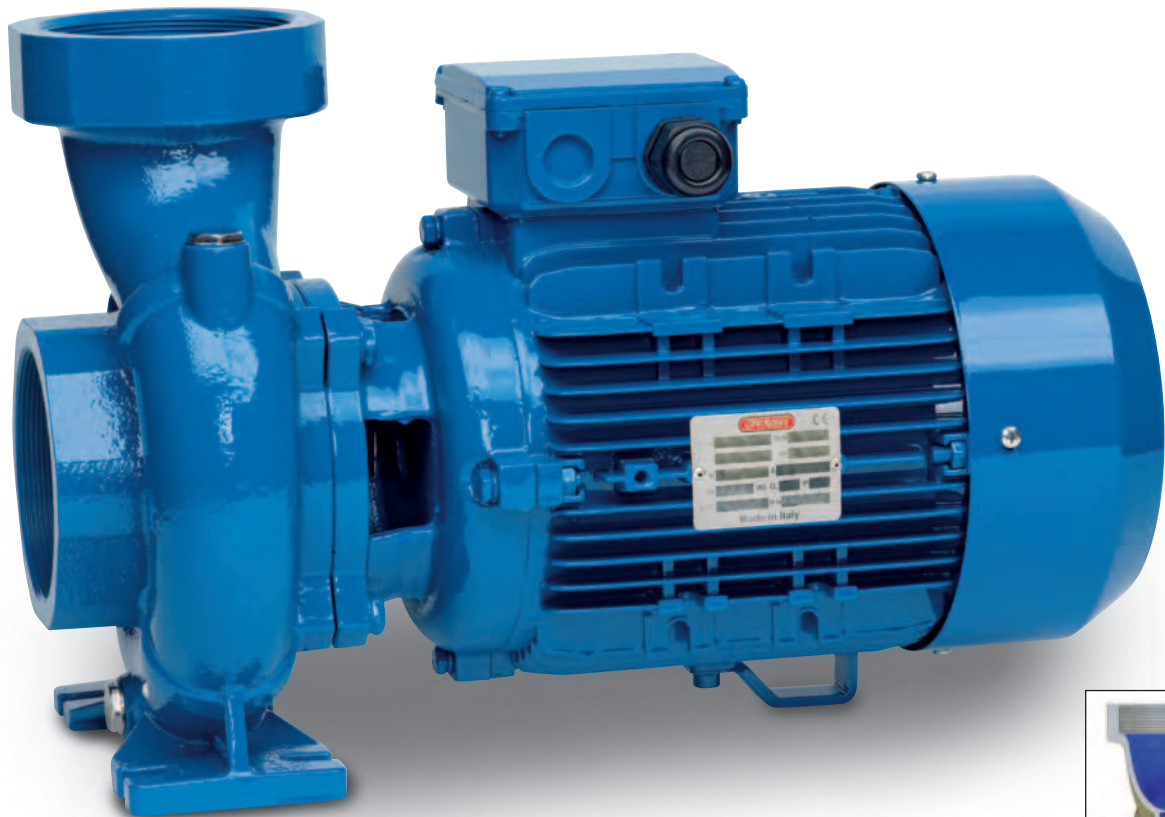
### APLICACIONES

Electrobombas centrífugas de desplazamiento con un solo rodete. Adecuadas para bombear aguas limpias y líquidos con carga moderada de impurezas, que no sean agresivos para los materiales de fabricación de la bomba. Adecuadas en las instalaciones de riego, en el jardín y en agricultura por desplazamiento y en las instalaciones industriales.

### APPLICATION

Centrifugal irrigation pumps with single impeller. Suitable to pump clean water or non-aggressive liquids charged with small solid impurities.

To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

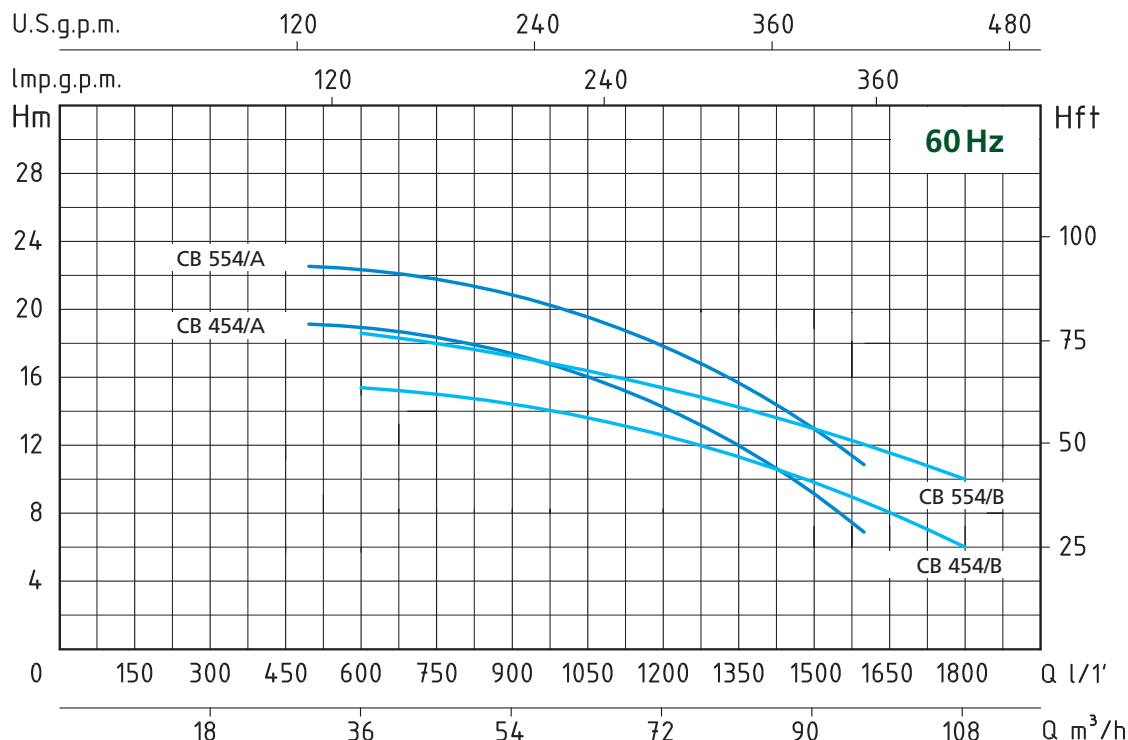
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

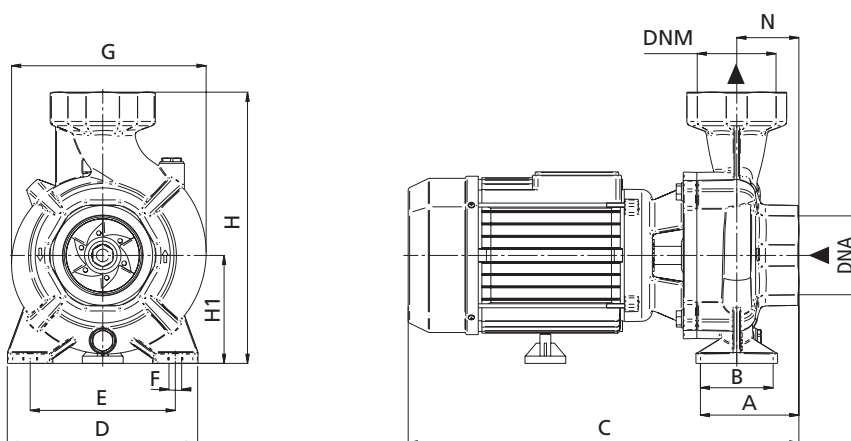
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | POTENCIA NOMINAL<br>NOMINAL POWER |    | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE        | Q = CAPACIDAD - CAPACITY   |      |      |      |      |      |      |      |      |      |      |  |  |
|--------------------------|-----------------------------------|----|---|--------------------------|--|------|------|------|------|------|------|------|------|------|------|--|--|
|                          | HP                                | kW |   |                          | m³/h   | 30   | 36   | 42   | 54   | 72   | 84   | 90   | 96   | 102  | 108  |  |  |
| Trifásico<br>Three-phase | P2                                |    | P1                                      | Trifásico<br>Three-phase | lt/1'  | 500  | 600  | 700  | 900  | 1200 | 1400 | 1500 | 1600 | 1700 | 1800 |  |  |
| 220/380V-60Hz            |                                   |    | kW                                      | 3 x 380V                 | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |      |      |      |      |      |      |      |      |      |  |  |
| CB 454/A                 | 4                                 | 3  | 4,5                                     | 7,3                      | H (m)  | 19   | 18,8 | 18,4 | 16,7 | 13   | 10   | 8,5  | 7    |      |      |  |  |
| CB 454/B                 | 4                                 | 3  | 4,5                                     | 7,3                      |  |      | 15,5 | 15,3 | 14,8 | 12,5 | 10,5 | 9,5  | 8,5  | 7,5  | 6    |  |  |
| CB 554/A                 | 5,5                               | 4  | 5,7                                     | 9                        |  | 22,5 | 22,3 | 22   | 20,8 | 17,5 | 14,5 | 13   | 11   |      |      |  |  |
| CB 554/B                 | 5,5                               | 4  | 5,7                                     | 9                        |  |      | 18,5 | 18,3 | 17,9 | 16   | 14   | 13   | 12   | 11   | 10   |  |  |



| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |    |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|----|-----|-----|-----|----|-----|-----|-----|----|-----|-----|---------------------------------|-----|-----|----------------------|
|                          | A                              | B  | C   | D   | E   | F  | G   | H   | H1  | N  | DNA | DNM | P                               | L   | H   |                      |
| Trifásico<br>Three-phase |                                |    |     |     |     |    |     |     |     |    |     |     |                                 |     |     |                      |
| CB 454/A                 | 97,5                           | 60 | 495 | 220 | 165 | 14 | 245 | 330 | 132 | 69 | 4"  | 4"  | 269                             | 540 | 421 | 45                   |
| CB 454/B                 | 97,5                           | 60 | 495 | 220 | 165 | 14 | 245 | 330 | 132 | 69 | 4"  | 4"  | 269                             | 540 | 421 | 45,3                 |
| CB 554/A                 | 97,5                           | 60 | 495 | 220 | 165 | 14 | 245 | 330 | 132 | 69 | 4"  | 4"  | 269                             | 540 | 421 | 48,7                 |
| CB 554/B                 | 97,5                           | 60 | 495 | 220 | 165 | 14 | 245 | 330 | 132 | 69 | 4"  | 4"  | 269                             | 540 | 421 | 48,9                 |



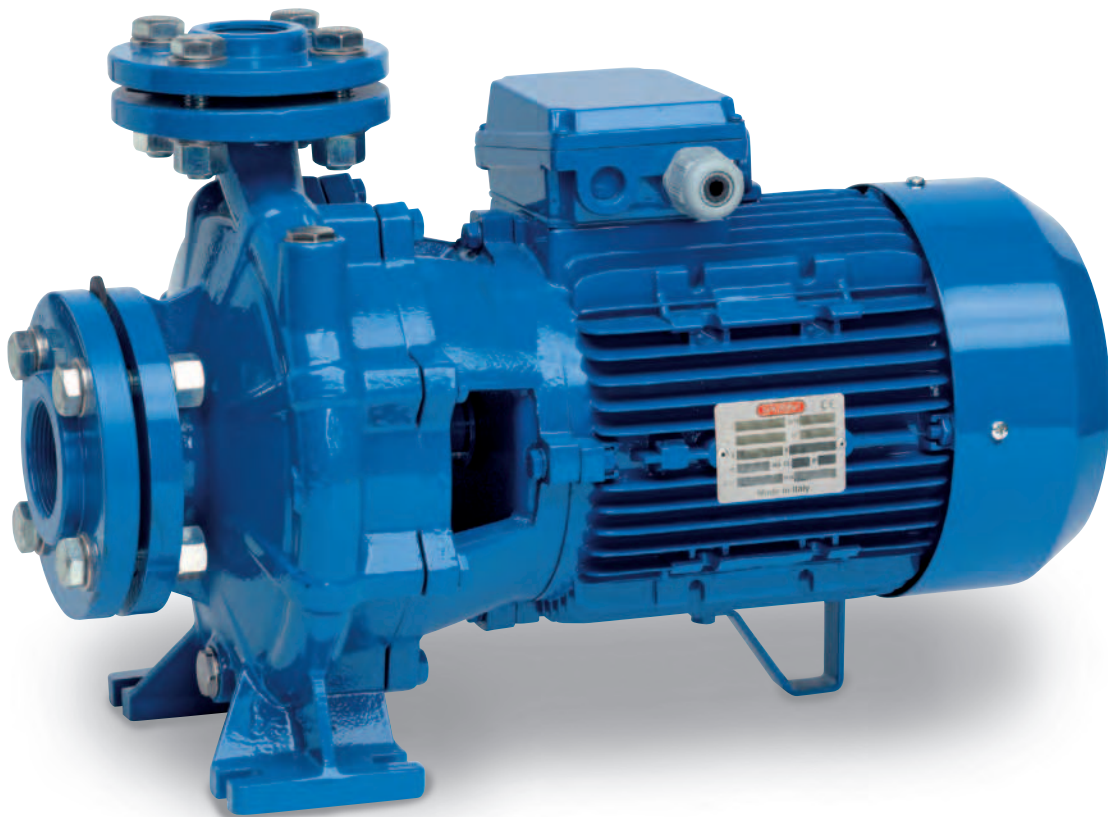
### APLICACIONES

Electrobombas centrífugas, monobloque y con un solo rodete, con cuerpo de la bomba, conectado al motor mediante soporte. Con bocas de aspiración y de impulsión embreadadas (PN 10) y contrabridas de tipo roscado. Estas máquinas son adecuadas para bombear agua limpia y otros líquidos químicamente y mecánicamente no agresivos; la posibilidad de instalación en cualquier posición, excepto aquella con la boca aspirante dirigida hacia arriba. Adecuadas para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión, calefacción y acondicionamiento y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

### APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges.

These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapt for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- Cuerpo bomba Fundición
- Soporte Fundición
- Rodete Fundición
- Eje motor Acero inoxidable AISI 304
- Junta mecánica Cerámica/Grafito/NBR

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

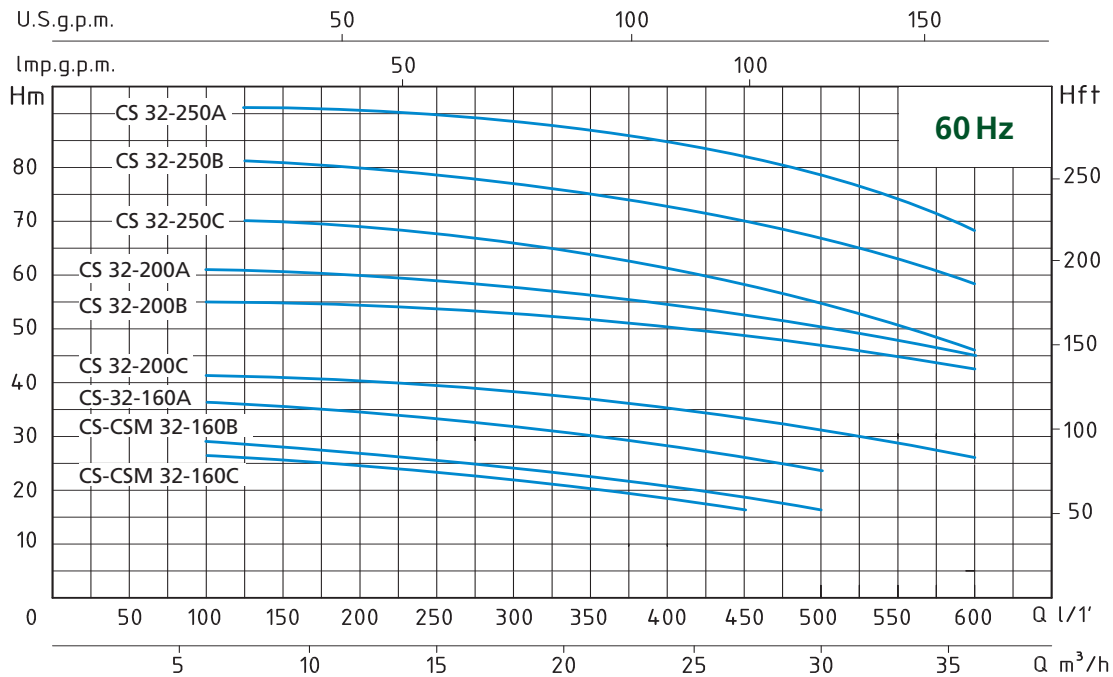
### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

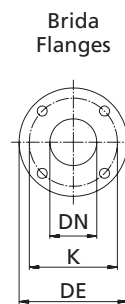
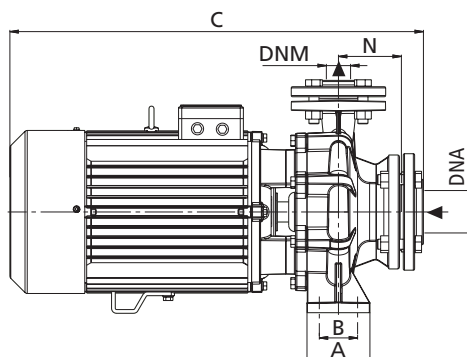
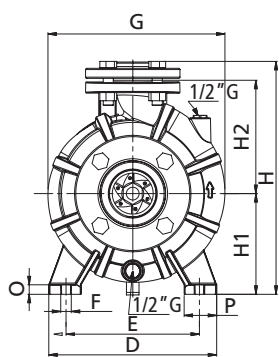
### MATERIALS

- Pump body Cast Iron
- Support Cast iron
- Impeller Cast iron
- Shaft with rotor Stainless steel AISI 304
- Mechanical seal Ceramic/Graphite/NBR

# MONOBLOCK CENTRIFUGAL PUMPS



| TIPO TYPE               |                       | POTENCIA NOMINAL NOMINAL POWER |     | POTENCIA ABSORBIDA INPUT POWER | AMPERIO AMPERE                      |                                   | Q = CAPACIDAD - CAPACITY   |      |      |      |      |      |      |      |      |      |      |      |      |  |
|-------------------------|-----------------------|--------------------------------|-----|--------------------------------|-------------------------------------|-----------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|--|
| Monofásico Single-phase | Trifásico Three-phase | P2                             |     | P1                             | Monofásico Single-phase<br>1 x 220V | Trifásico Three-phase<br>3 x 380V | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                         |                       | HP                             | KW  | KW                             |                                     |                                   | m³/h   | 6    | 7,5  | 9    | 12   | 15   | 18   | 21   | 24   | 27   | 30   | 33   | 36   |  |
|                         |                       |                                |     |                                |                                     |                                   | lt/1'  | 100  | 125  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  |  |
| CSM 32-160 C            | CS 32-160 C           | 2                              | 1,5 | 2,7                            | 12                                  | 4,8                               | H (m)  | 25,5 | 25,3 | 25   | 24   | 23   | 21,5 | 20   | 18   | 15,5 |      |      |      |  |
| CSM 32-160 B            | CS 32-160 B           | 3                              | 2,2 | 3,3                            | 15                                  | 5                                 |  | 28,8 | 28,5 | 28   | 27   | 26   | 24,5 | 23   | 21,5 | 18,5 | 15,5 |      |      |  |
|                         | CS 32-160 A           | 4                              | 3   | 4,3                            |                                     | 7                                 |  | 36,5 | 36   | 35,5 | 34,5 | 33   | 31,5 | 30   | 28,5 | 26   | 23,5 |      |      |  |
|                         | CS 32-200 C           | 5,5                            | 4   | 5,7                            |                                     | 8,8                               |  | 40,7 | 40,5 | 40   | 39,5 | 39   | 38   | 36,5 | 35   | 33   | 31,5 | 29   | 26   |  |
|                         | CS 32-200 B           | 7,5                            | 5,5 | 8,6                            |                                     | 14                                |  | 55,7 | 55,5 | 55   | 54,5 | 54   | 53   | 51,5 | 50   | 48   | 46,5 | 44,5 | 42,5 |  |
|                         | CS 32-200 A           | 10                             | 7,5 | 9,5                            |                                     | 15                                |  | 60,7 | 60,5 | 60   | 59,5 | 58,5 | 57   | 55,5 | 54   | 52   | 49,5 | 47,5 | 45   |  |
|                         | CS 32-250 C           | 12,5                           | 9,2 | 12                             |                                     | 19                                |  |      | 70   | 69,5 | 68,5 | 67,5 | 66   | 64,5 | 62,5 | 59,5 | 56   | 51   | 46   |  |
|                         | CS 32-250 B           | 15                             | 11  | 13,5                           |                                     | 21,5                              |  |      | 81   | 80,5 | 79,5 | 78,5 | 77   | 75,5 | 73,5 | 71   | 67,5 | 63,5 | 58   |  |
|                         | CS 32-250 A           | 20                             | 15  | 15,5                           |                                     | 25                                |  |      | 90,5 | 90   | 89,5 | 89   | 87,5 | 86   | 84   | 81,5 | 78   | 74   | 68,5 |  |



| DIMENSIONES mm - DIMENSIONS mm |     |     |                   |    |
|--------------------------------|-----|-----|-------------------|----|
| DN                             | DE  | K   | Orificios - Holes |    |
|                                |     |     | n°                | Ø  |
| 32                             | 140 | 100 | 4                 | 18 |
| 40                             | 150 | 110 | 4                 | 18 |
| 50                             | 165 | 125 | 4                 | 18 |
| 65                             | 185 | 145 | 4                 | 18 |
| 80                             | 200 | 160 | 8                 | 18 |
| 100                            | 220 | 180 | 8                 | 18 |

| TIPO TYPE               |                       | DIMENSIONES mm - DIMENSIONS mm |             |     |     |     |     |     |     |     |     |     |      |    |      | DIMENSIONES DIMENSIONS mm |     |     | PESO WEIGHT |       |
|-------------------------|-----------------------|--------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|------|---------------------------|-----|-----|-------------|-------|
| Monofásico Single-phase | Trifásico Three-phase | A                              | B           | C   | D   | E   | F   | G   | H   | H1  | H2  | N   | O    | P  | DNA  | DNM                       | P   | L   | H           | Kg    |
|                         |                       | CSM 32-160 C                   | CS 32-160 C | 100 | 70  | 480 | 240 | 190 | 15  | 240 | 322 | 132 | 160  | 80 | 13,5 | 50                        | 50  | 32  | 270         | 540   |
| CSM 32-160 B            | CS 32-160 B           | 100                            | 70          | 480 | 240 | 190 | 15  | 240 | 322 | 132 | 160 | 80  | 13,5 | 50 | 50   | 32                        | 270 | 540 | 430         | 43,5  |
|                         | CS 32-160 A           | 100                            | 70          | 510 | 240 | 190 | 15  | 240 | 322 | 132 | 160 | 80  | 13,5 | 50 | 50   | 32                        | 270 | 540 | 430         | 48,1  |
|                         | CS 32-200 C           | 100                            | 70          | 530 | 240 | 190 | 15  | 273 | 370 | 160 | 180 | 80  | 15   | 50 | 50   | 32                        | 317 | 680 | 495         | 58,6  |
|                         | CS 32-200 B           | 100                            | 70          | 630 | 240 | 190 | 15  | 273 | 370 | 160 | 180 | 80  | 15   | 50 | 50   | 32                        | 317 | 680 | 495         | 72,3  |
|                         | CS 32-200 A           | 100                            | 70          | 630 | 240 | 190 | 15  | 273 | 370 | 160 | 180 | 80  | 15   | 50 | 50   | 32                        | 317 | 680 | 495         | 76,4  |
|                         | CS 32-250 C           | 125                            | 95          | 745 | 320 | 250 | 15  | 335 | 445 | 180 | 225 | 100 | 18   | 65 | 50   | 32                        | 372 | 805 | 550         | 129   |
|                         | CS 32-250 B           | 125                            | 95          | 745 | 320 | 250 | 15  | 335 | 445 | 180 | 225 | 100 | 18   | 65 | 50   | 32                        | 372 | 805 | 550         | 129,5 |
|                         | CS 32-250 A           | 125                            | 95          | 745 | 320 | 250 | 15  | 335 | 445 | 180 | 225 | 100 | 18   | 65 | 50   | 32                        | 372 | 805 | 550         | 139,5 |

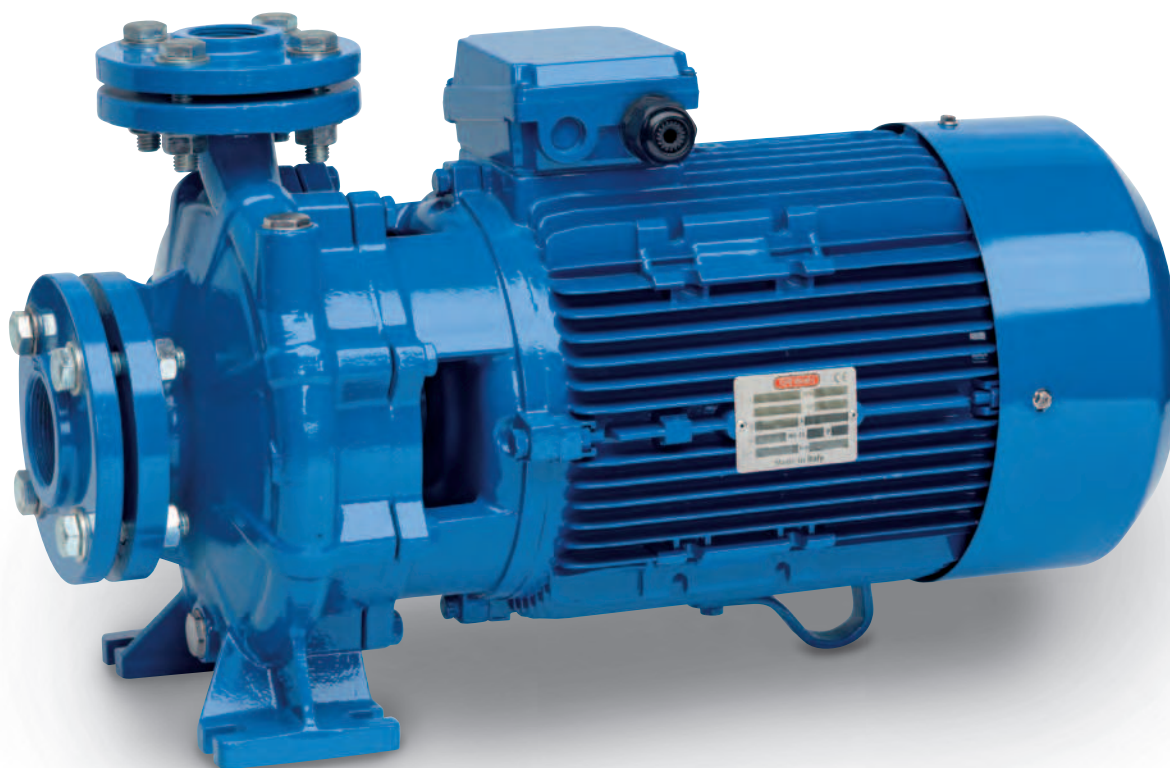
### APLICACIONES

Electrobombas centrífugas, monobloque y con un solo rodete, con cuerpo de la bomba, conectado al motor mediante soporte. Con bocas de aspiración y de impulsión embridadas (PN 10) y contrabridas de tipo roscado. Estas máquinas son adecuadas para bombear agua limpia y otros líquidos químicamente y mecánicamente no agresivos; la posibilidad de instalación en cualquier posición, excepto aquella con la boca aspirante dirigida hacia arriba. Adecuadas para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión, calefacción y acondicionamiento y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

### APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges.

These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapt for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                  |                           |
|------------------|---------------------------|
| - Cuerpo bomba   | Fundición                 |
| - Soporte        | Fundición                 |
| - Rodete         | Fundición                 |
| - Eje motor      | Acero inoxidable AISI 304 |
| - Junta mecánica | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

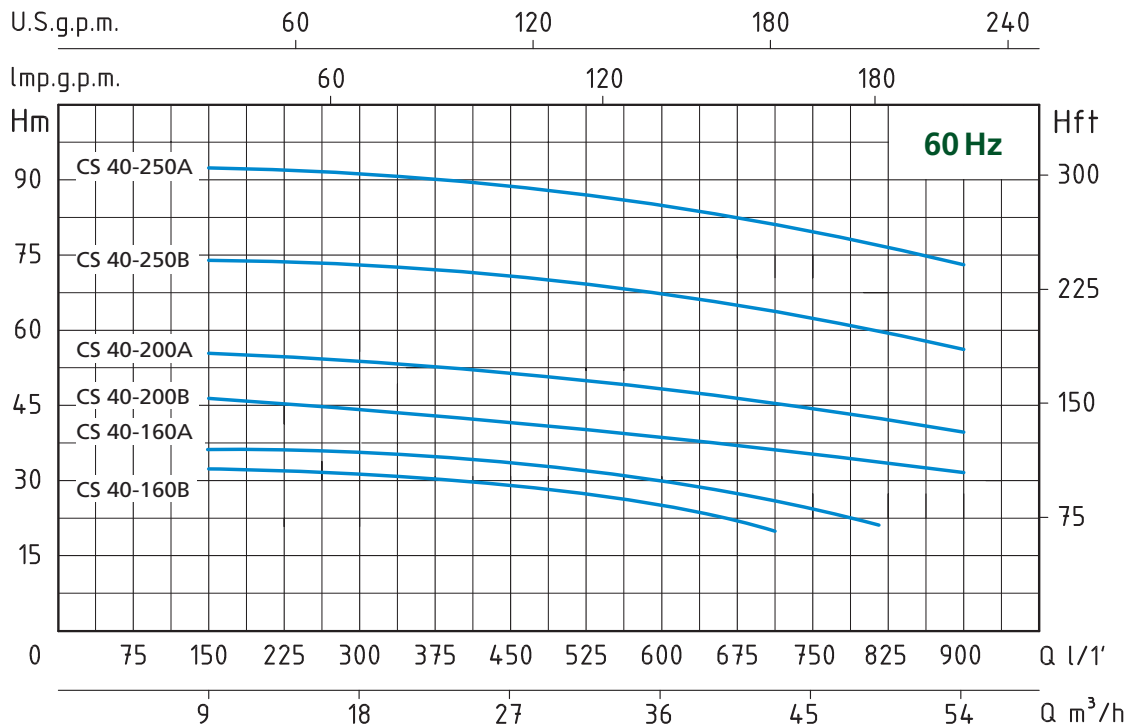
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

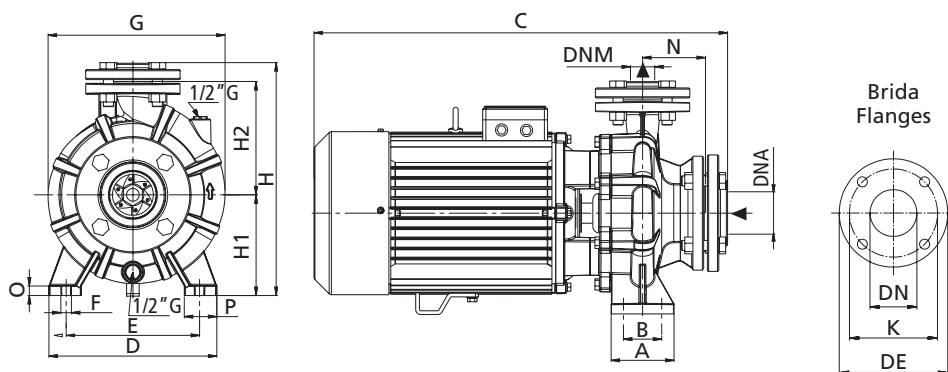
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Support          | Cast iron                |
| - Impeller         | Cast iron                |
| - Shaft with rotor | Stainless steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE                    | Q = CAPACIDAD - CAPACITY   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|--------------------------|---|-----|---|--------------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|                          | HP                                      | kW  |   |                                      | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Trifásico<br>Three-phase | P2                                      |     | P1                                      | Trifásico<br>Three-phase<br>3 x 380V | m³/h   | 9    | 12   | 15   | 18   | 21   | 24   | 27   | 30   | 33   | 36   | 39   | 42   | 48   | 54   |  |
|                          |   |     | kW                                      |                                      | lt/1'  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 800  | 900  |  |
| CS 40-160 B              | 4                                       | 3   | 4,8                                     | 7,5                                  | H (m)  | 32,7 | 32,5 | 32,3 | 32   | 31,5 | 30,5 | 29,5 | 28   | 27   | 25,5 | 23   | 21   |      |      |  |
| CS 40-160 A              | 5,5                                     | 4   | 5,7                                     | 8,8                                  |  | 36,2 | 36   | 35,8 | 35,5 | 35   | 34   | 33   | 32   | 31   | 29,5 | 28   | 26   | 22   |      |  |
| CS 40-200 B              | 7,5                                     | 5,5 | 8,6                                     | 14                                   |  | 46,5 | 46   | 45,5 | 45   | 44,5 | 43,5 | 42,5 | 41,5 | 40,5 | 39,5 | 38,5 | 37   | 34,5 | 31,5 |  |
| CS 40-200 A              | 10                                      | 7,5 | 11,3                                    | 17,5                                 |  | 56   | 55,5 | 55   | 54,5 | 54   | 53   | 52   | 51   | 50   | 49   | 48   | 46,5 | 44   | 40,5 |  |
| CS 40-250 B              | 15                                      | 11  | 15,5                                    | 24,5                                 |  | 74   | 73,9 | 73,8 | 73,7 | 73,5 | 73   | 72   | 71   | 70   | 68,5 | 67   | 65,5 | 61,5 | 54   |  |
| CS 40-250 A              | 20                                      | 15  | 20                                      | 32                                   |  | 91,5 | 91,4 | 91,3 | 91,2 | 91   | 90,5 | 90   | 89   | 88   | 87   | 85,5 | 83,5 | 79,5 | 73   |  |



| DIMENSIONES mm - DIMENSIONS mm |     |     |                   |    |
|--------------------------------|-----|-----|-------------------|----|
| DN                             | DE  | K   | Orificios - Holes |    |
|                                |     |     | n°                | Ø  |
| 32                             | 140 | 100 | 4                 | 18 |
| 40                             | 150 | 110 | 4                 | 18 |
| 50                             | 165 | 125 | 4                 | 18 |
| 65                             | 185 | 145 | 4                 | 18 |
| 80                             | 200 | 160 | 8                 | 18 |
| 100                            | 220 | 180 | 8                 | 18 |

| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT<br>Kg |     |       |
|--------------------------|--------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|---------------------------------|----------------------|-----|-------|
|                          | A                              | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM |                                 |                      | L   | H     |
| Trifásico<br>Three-phase |                                |    |     |     |     |    |     |     |     |     |     |    |    |     |     |                                 |                      |     |       |
| CS 40-160 B              | 100                            | 70 | 550 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 15 | 50 | 65  | 40  | 290                             | 570                  | 420 | 57,9  |
| CS 40-160 A              | 100                            | 70 | 550 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 15 | 50 | 65  | 40  | 290                             | 570                  | 420 | 60,7  |
| CS 40-200 B              | 100                            | 70 | 640 | 265 | 212 | 15 | 281 | 370 | 160 | 180 | 100 | 15 | 50 | 65  | 40  | 317                             | 680                  | 495 | 75,8  |
| CS 40-200 A              | 100                            | 70 | 640 | 265 | 212 | 15 | 281 | 370 | 160 | 180 | 100 | 15 | 50 | 65  | 40  | 317                             | 680                  | 495 | 79,6  |
| CS 40-250 B              | 125                            | 95 | 745 | 320 | 250 | 15 | 335 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 40  | 372                             | 805                  | 550 | 130,1 |
| CS 40-250 A              | 125                            | 95 | 745 | 320 | 250 | 15 | 335 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 40  | 372                             | 805                  | 550 | 140,1 |

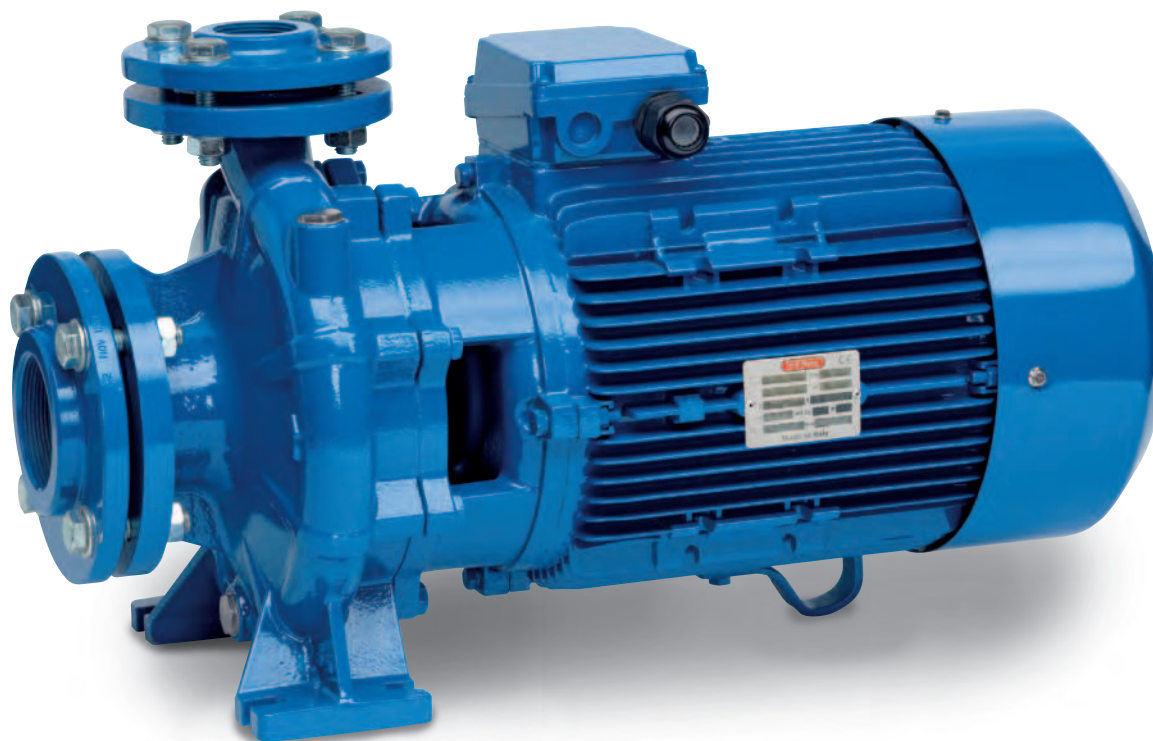
### APLICACIONES

Electrobombas centrífugas, monobloque y con un solo rodete, con cuerpo de la bomba, conectado al motor mediante soporte. Con bocas de aspiración y de impulsión embridadas (PN 10) y contrabridas de tipo roscado. Estas máquinas son adecuadas para bombear agua limpia y otros líquidos químicamente y mecánicamente no agresivos; la posibilidad de instalación en cualquier posición, excepto aquella con la boca aspirante dirigida hacia arriba. Adecuadas para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión, calefacción y acondicionamiento y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

### APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges.

These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapt for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                  |                           |
|------------------|---------------------------|
| - Cuerpo bomba   | Fundición                 |
| - Soporte        | Fundición                 |
| - Rodete         | Fundición                 |
| - Eje motor      | Acero inoxidable AISI 304 |
| - Junta mecánica | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

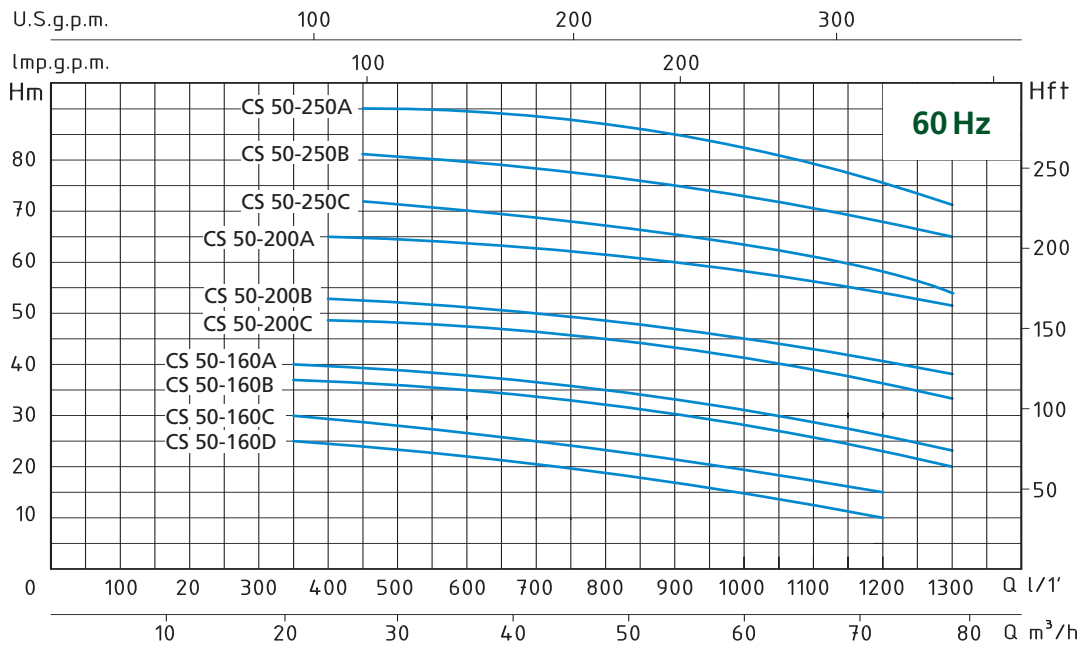
### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

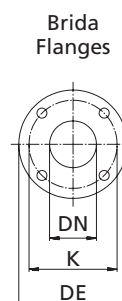
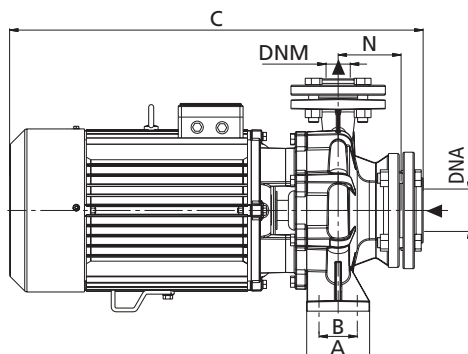
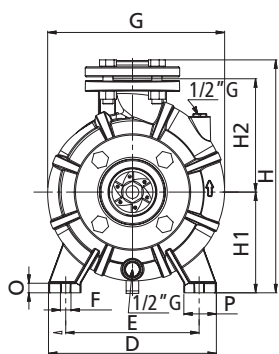
### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Support          | Cast iron                |
| - Impeller         | Cast iron                |
| - Shaft with rotor | Stainless steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

# MONOBLOCK CENTRIFUGAL PUMPS



| TIPO<br>TYPE           | POTENCIA NOMINAL<br>NOMINAL POWER |      | POTENCIA ABSORBIDA<br>INPUT POWER | AMPERIO<br>AMPERE | Q = CAPACIDAD - CAPACITY |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------------------|-----------------------------------|------|-----------------------------------|-------------------|--------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                        | P2                                |      |                                   |                   | P1                       | Trifase<br>Three-phase   | m³/h | 21   | 24   | 27   | 30   | 33   | 36   | 39   | 42   | 48   | 54   | 60   | 66   | 72   |
| Trifase<br>Three-phase | HP                                | KW   | KW                                | 3 x 380V          | lt/1'                    |  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 |
|                        |                                   |      |                                   |                   |                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| CS 50-160 D            | 4                                 | 3    | 4,8                               | 7,5               | H<br>(m)                 | 25   | 24,5 | 24   | 23,5 | 22,8 | 22   | 21,3 | 20,5 | 19   | 17   | 15   | 13   | 10   |      |      |
| CS 50-160 C            | 5,5                               | 4    | 5,7                               | 8,8               |                          | 29,5   | 29,2 | 28,8 | 28,3 | 27,8 | 27,1 | 26,4 | 25,6 | 24   | 22,5 | 20,5 | 18   | 15,5 |      |      |
| CS 50-160 B            | 7,5                               | 5,5  | 8,2                               | 13,2              |                          | 37   | 36,8 | 36,5 | 36   | 35,5 | 35   | 34,5 | 34   | 32   | 30,5 | 28,5 | 26   | 23,5 | 20,5 |      |
| CS 50-160 A            | 10                                | 7,5  | 9,5                               | 15                |                          | 40   | 39,8 | 39,5 | 39   | 38,5 | 38   | 37,5 | 37   | 35   | 33,5 | 31,5 | 29   | 26,5 | 23   |      |
| CS 50-200 C            | 12,5                              | 9,2  | 12                                | 19                |                          |  | 48,7 | 48,5 | 48,2 | 47,8 | 47,5 | 47   | 46,5 | 45   | 43,5 | 42   | 39,5 | 37   | 33   |      |
| CS 50-200 B            | 15                                | 11   | 13,5                              | 21,5              |                          |  | 52,7 | 52,5 | 52,2 | 51,7 | 51,2 | 50,7 | 50,2 | 49,2 | 48   | 46   | 43,5 | 41   | 38   |      |
| CS 50-200 A            | 20                                | 15   | 18                                | 29                |                          |  | 64,5 | 64   | 63,5 | 63   | 62,5 | 62   | 61,5 | 60,5 | 59,5 | 58   | 56,5 | 54,5 | 51,5 |      |
| CS 50-250 C            | 20                                | 15   | 20                                | 32                |                          |  |      |      | 71,3 | 71   | 70,5 | 70   | 69,5 | 68,5 | 67   | 65   | 63   | 61   | 58   | 54   |
| CS 50-250 B            | 25                                | 18,5 | 23                                | 36,5              |                          |  |      |      | 80,8 | 80,5 | 80   | 79,5 | 79   | 78,5 | 77   | 75   | 73   | 70,5 | 68   | 65   |
| CS 50-250 A            | 30                                | 22,5 | 27                                | 43                |                          |  |      |      | 90   | 89,7 | 89,3 | 89   | 88,5 | 88   | 86,5 | 85   | 83   | 81   | 79   | 71   |



| DIMENSIONES mm - DIMENSIONS mm |     |     |                   |    |
|--------------------------------|-----|-----|-------------------|----|
| DN                             | DE  | K   | Orificios - Holes |    |
|                                |     |     | n°                | Ø  |
| 32                             | 140 | 100 | 4                 | 18 |
| 40                             | 150 | 110 | 4                 | 18 |
| 50                             | 165 | 125 | 4                 | 18 |
| 65                             | 185 | 145 | 4                 | 18 |
| 80                             | 200 | 160 | 8                 | 18 |
| 100                            | 220 | 180 | 8                 | 18 |

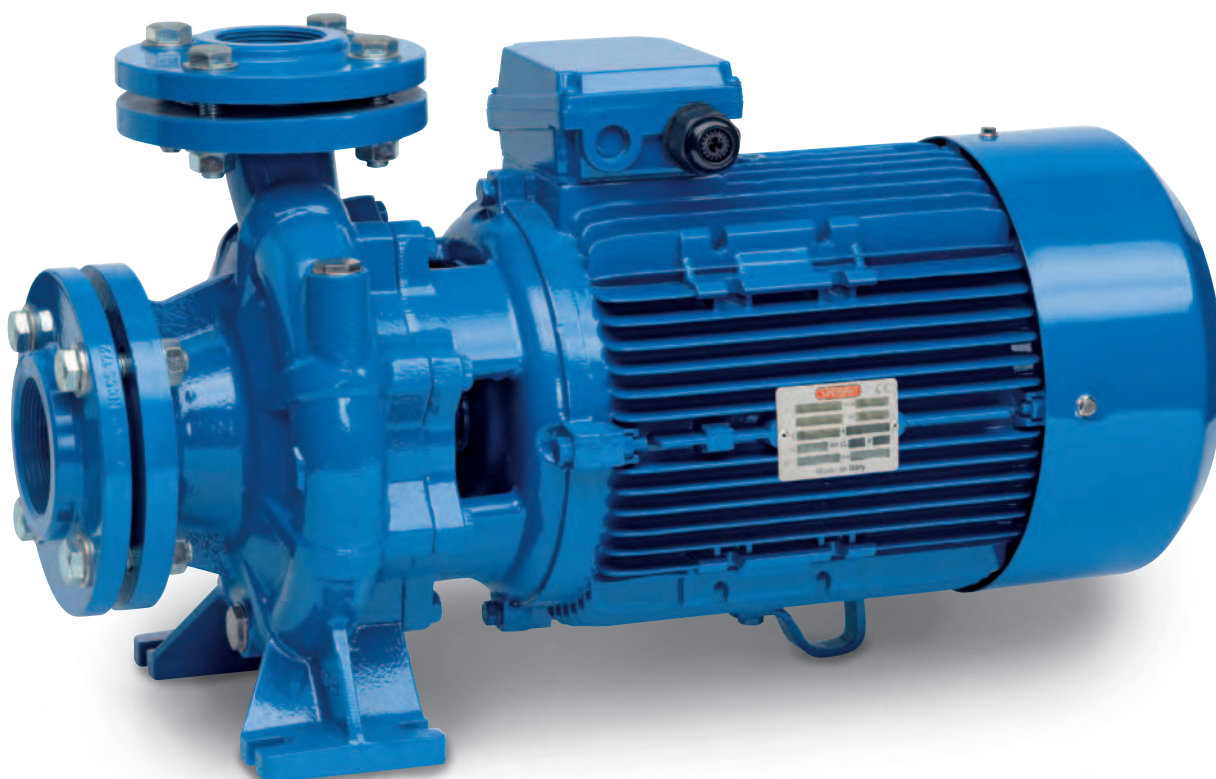
| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |    |    |     | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT<br>Kg |     |     |       |
|--------------------------|--------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|---------------------------------|----------------------|-----|-----|-------|
|                          | A                              | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA |                                 |                      | DNM |     |       |
| Trifásico<br>Three-phase |                                |    |     |     |     |    |     |     |     |     |     |    |    |     |                                 |                      |     |     |       |
| CS 50-160 D              | 100                            | 70 | 570 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50                              | 317                  | 680 | 495 | 62,1  |
| CS 50-160 C              | 100                            | 70 | 570 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50                              | 317                  | 680 | 495 | 65    |
| CS 50-160 B              | 100                            | 70 | 650 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50                              | 317                  | 680 | 495 | 74,8  |
| CS 50-160 A              | 100                            | 70 | 650 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50                              | 317                  | 680 | 495 | 79,1  |
| CS 50-200 C              | 100                            | 70 | 745 | 265 | 212 | 15 | 335 | 425 | 160 | 200 | 100 | 18 | 50 | 65  | 50                              | 372                  | 805 | 550 | 123,1 |
| CS 50-200 B              | 100                            | 70 | 745 | 265 | 212 | 15 | 335 | 425 | 160 | 200 | 100 | 18 | 50 | 65  | 50                              | 372                  | 805 | 550 | 125   |
| CS 50-200 A              | 100                            | 70 | 745 | 265 | 212 | 15 | 335 | 425 | 160 | 200 | 100 | 18 | 50 | 65  | 50                              | 372                  | 805 | 550 | 132,1 |
| CS 50-250 C              | 125                            | 95 | 750 | 320 | 250 | 15 | 340 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 50                              | 395                  | 865 | 561 | 142,2 |
| CS 50-250 B              | 125                            | 95 | 795 | 320 | 250 | 15 | 340 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 50                              | 395                  | 865 | 561 | 155,4 |
| CS 50-250 A              | 125                            | 95 | 825 | 320 | 250 | 15 | 360 | 455 | 180 | 225 | 100 | 18 | 65 | 65  | 50                              | 395                  | 865 | 561 | 210,5 |

### APLICACIONES

Electrobombas centrífugas, monobloque y con un solo rodete, con cuerpo de la bomba, conectado al motor mediante soporte. Con bocas de aspiración y de impulsión embridadas (PN 10) y contrabridas de tipo roscado. Estas máquinas son adecuadas para bombear agua limpia y otros líquidos químicamente y mecánicamente no agresivos; la posibilidad de instalación en cualquier posición, excepto aquella con la boca aspirante dirigida hacia arriba. Adecuadas para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión, calefacción y acondicionamiento y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

### APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapt for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos (n = 3450 min<sup>-1</sup>)
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                  |                           |
|------------------|---------------------------|
| - Cuerpo bomba   | Fundición                 |
| - Soporte        | Fundición                 |
| - Rodete         | Fundición                 |
| - Eje motor      | Acero inoxidable AISI 304 |
| - Junta mecánica | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

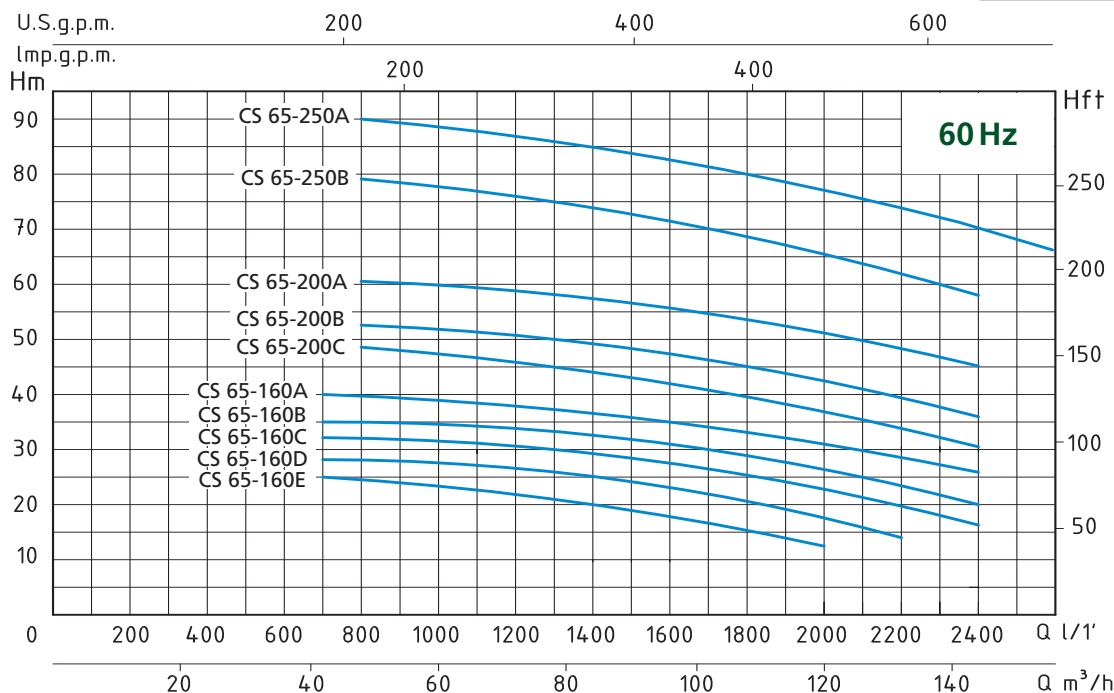
### MOTOR

- Two-Pole induction motor (n = 3450 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

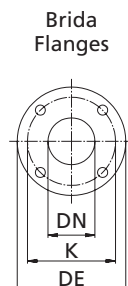
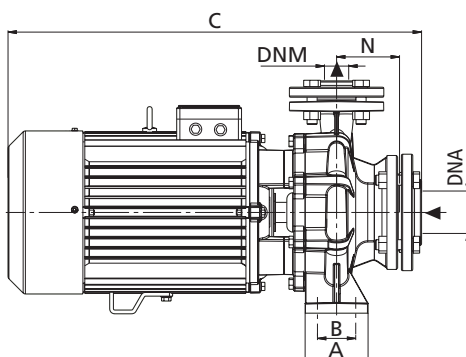
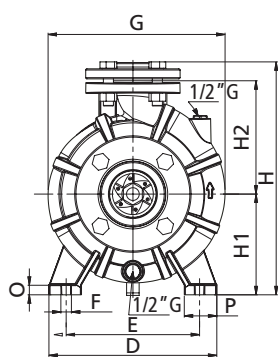
### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Support          | Cast iron                |
| - Impeller         | Cast iron                |
| - Shaft with rotor | Stainless steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

# MONOBLOCK CENTRIFUGAL PUMPS



| TIPO TYPE  | POTENCIA NOMINAL NOMINAL POWER |      | POTENCIA ABSORBIDA INPUT POWER | AMPERE AMPERE                     | Q = CAPACIDAD - CAPACITY |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--|--------------------------------|------|--------------------------------|-----------------------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|  | HP                             | kW   | kW                             | Trifásico Three-phase<br>3 x 380V | m³/h                     | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 96   | 108  | 120  | 132  | 144  | 156  |
| Trifásico Three-phase  |                                |      |                                |                                   | lt/1'                    | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                                |      |                                |                                   |                          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| CS 65-160 E  | 7,5                            | 5,5  | 8                              | 13                                | H (m)                    | 24,5 | 24,2 | 24   | 23,5 | 23   | 22,5 | 21,5 | 20,5 | 18,5 | 16   | 12,5 |      |      |      |
| CS 65-160 D  | 10                             | 7,5  | 10                             | 16                                |                          | 28,5 | 28,2 | 28   | 27,5 | 27   | 26,5 | 25,8 | 25   | 23   | 21   | 18   | 14   |      |      |
| CS 65-160 C  | 12,5                           | 9,2  | 11,5                           | 18,5                              |                          | 32   | 31,7 | 31,5 | 31,2 | 30,7 | 30,2 | 29,7 | 29   | 27   | 25   | 22   | 19   | 16   |      |
| CS 65-160 B  | 15                             | 11   | 13,5                           | 21,5                              |                          | 35,5 | 35   | 34,8 | 34,5 | 34   | 33,5 | 33   | 32,5 | 31   | 29   | 26,5 | 24   | 20   |      |
| CS 65-160 A  | 20                             | 15   | 16                             | 26                                |                          | 40   | 39,5 | 39   | 38,5 | 38   | 37,5 | 37   | 36,5 | 35,5 | 33,5 | 31   | 28,5 | 26   |      |
| CS 65-200 C  | 20                             | 15   | 20                             | 32                                |                          |      | 48,5 | 48   | 47,5 | 47   | 46,2 | 45,5 | 44,5 | 42,5 | 40,5 | 38   | 34,5 | 31   |      |
| CS 65-200 B  | 25                             | 18,5 | 23                             | 36,5                              |                          |      | 52,5 | 52   | 51,5 | 51   | 50,5 | 50   | 49   | 47   | 45   | 43   | 40   | 36   |      |
| CS 65-200 A  | 30                             | 22,5 | 27                             | 43                                |                          |      | 60,5 | 60   | 59,5 | 59   | 58,5 | 58   | 57,5 | 56   | 54,5 | 52,5 | 49,5 | 45,5 |      |
| CS 65-250 B  | 40                             | 30   | 37                             | 58                                |                          |      | 79   | 78,5 | 78   | 77   | 76   | 75   | 74   | 72   | 69   | 66   | 63   | 58   |      |
| CS 65-250 A  | 50                             | 37   | 46                             | 72                                |                          |      | 89,5 | 89   | 88,5 | 87,5 | 86,5 | 85,5 | 84   | 82,5 | 80   | 77   | 74   | 70   | 66   |



| DIMENSIONES mm - DIMENSIONS mm |     |     |                   |    |
|--------------------------------|-----|-----|-------------------|----|
| DN                             | DE  | K   | Orificios - Holes |    |
|                                |     |     | n°                | Ø  |
| 32                             | 140 | 100 | 4                 | 18 |
| 40                             | 150 | 110 | 4                 | 18 |
| 50                             | 165 | 125 | 4                 | 18 |
| 65                             | 185 | 145 | 4                 | 18 |
| 80                             | 200 | 160 | 8                 | 18 |
| 100                            | 220 | 180 | 8                 | 18 |

| TIPO TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONES DIMENSIONS mm | PESO WEIGHT |     |       |
|-------------------------|--------------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|---------------------------|-------------|-----|-------|
|                         | A                              | B   | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM |                           |             | P   | L     |
| Trifásico - Three-phase |                                |     |     |     |     |    |     |     |     |     |     |    |    |     |     |                           |             |     |       |
| CS 65-160 E             | 125                            | 95  | 610 | 280 | 212 | 15 | 295 | 395 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 317                       | 680         | 495 | 82,2  |
| CS 65-160 D             | 125                            | 95  | 610 | 280 | 212 | 15 | 295 | 395 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 317                       | 680         | 495 | 85,6  |
| CS 65-160 C             | 125                            | 95  | 750 | 280 | 212 | 15 | 340 | 425 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 372                       | 805         | 550 | 125,2 |
| CS 65-160 B             | 125                            | 95  | 750 | 280 | 212 | 15 | 340 | 425 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 372                       | 805         | 550 | 125,5 |
| CS 65-160 A             | 125                            | 95  | 750 | 280 | 212 | 15 | 340 | 425 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 395                       | 865         | 561 | 137,2 |
| CS 65-200 C             | 125                            | 95  | 745 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18 | 65 | 80  | 65  | 395                       | 865         | 561 | 141,5 |
| CS 65-200 B             | 125                            | 95  | 790 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18 | 65 | 80  | 65  | 395                       | 865         | 561 | 156,5 |
| CS 65-200 A             | 125                            | 95  | 825 | 320 | 250 | 15 | 360 | 455 | 180 | 225 | 100 | 18 | 65 | 80  | 65  | 395                       | 865         | 561 | 215,5 |
| CS 65-250 B             | 160                            | 120 | 825 | 360 | 280 | 18 | 370 | 485 | 200 | 250 | 100 | 18 | 85 | 80  | 65  | 395                       | 935         | 580 | 250,1 |
| CS 65-250 A             | 160                            | 120 | 825 | 360 | 280 | 18 | 370 | 485 | 200 | 250 | 100 | 18 | 85 | 80  | 65  | 395                       | 935         | 580 | 258,2 |

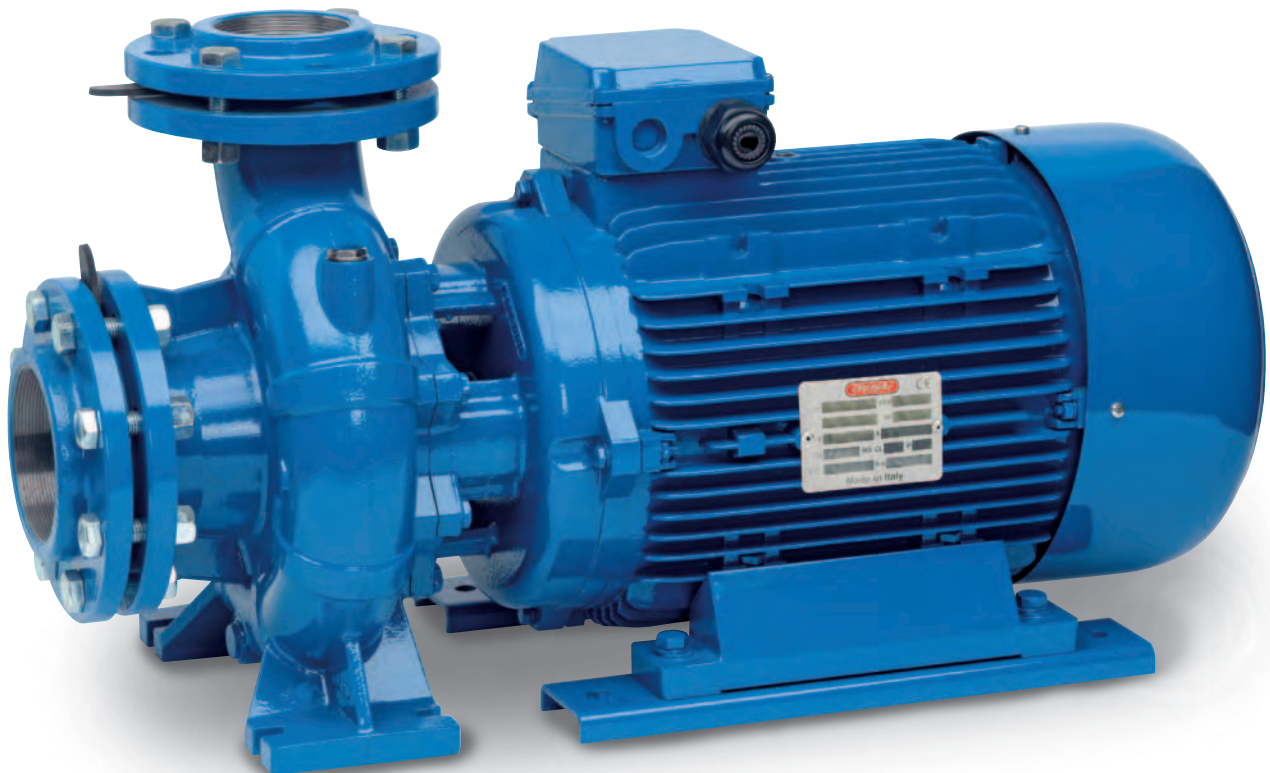


### APLICACIONES

Electrobombas centrífugas, monobloque y con un solo rodete, con cuerpo de la bomba, conectado al motor mediante soporte. Con bocas de aspiración y de impulsión embridadas (PN 10) y contrabridas de tipo roscado. Estas máquinas son adecuadas para bombear agua limpia y otros líquidos químicamente y mecánicamente no agresivos; la posibilidad de instalación en cualquier posición, excepto aquella con la boca aspirante dirigida hacia arriba. Adecuadas para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión, calefacción y acondicionamiento y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

### APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapt for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                  |                           |
|------------------|---------------------------|
| - Cuerpo bomba   | Fundición                 |
| - Soporte        | Fundición                 |
| - Rodete         | Fundición                 |
| - Eje motor      | Acero inoxidable AISI 304 |
| - Junta mecánica | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

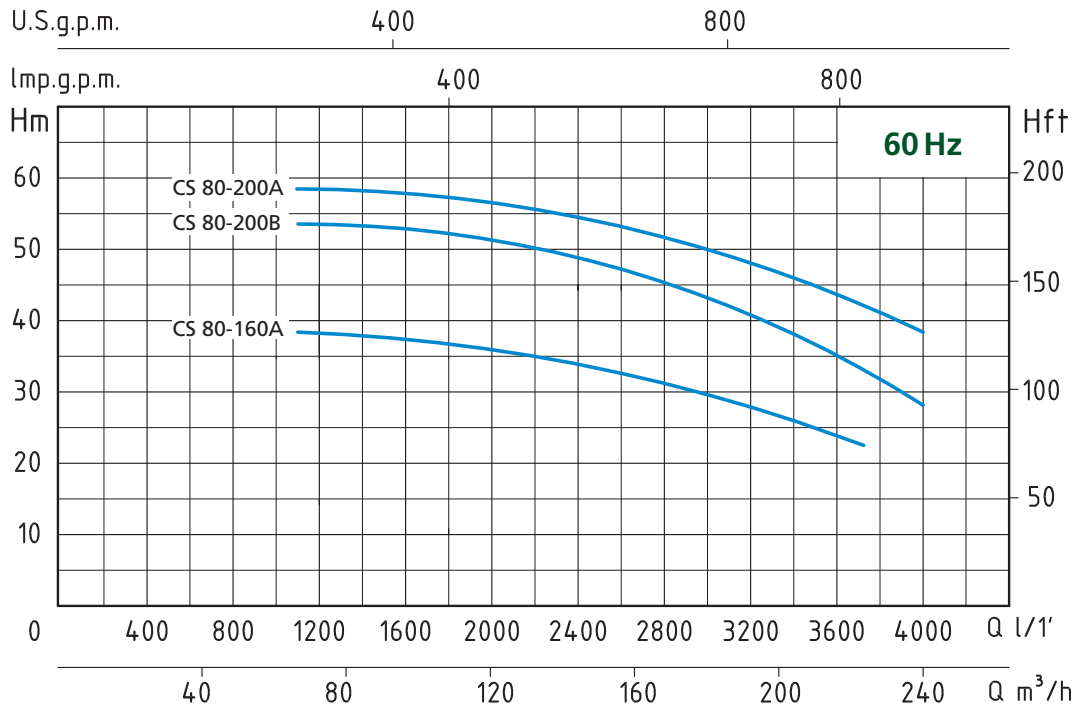
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

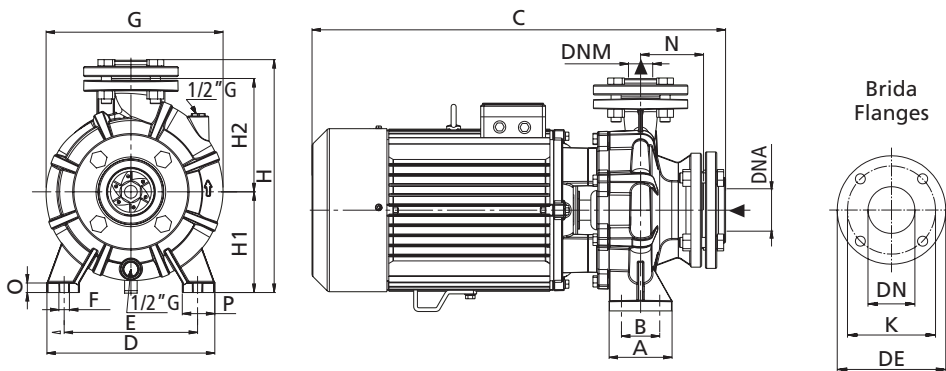
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Support          | Cast iron                |
| - Impeller         | Cast iron                |
| - Shaft with rotor | Stainless steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE                    | Q = CAPACIDAD - CAPACITY |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------|---|---|--------------------------------------|--------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                          |   |   |                                      | m³/h                     | 66   | 72   | 78   | 84   | 96   | 108  | 120  | 132  | 144  | 156  | 168  | 180  | 195  | 210  | 225  | 240  |
| Trifásico<br>Three-phase | P2                                      | P1                                      | Trifásico<br>Three-phase<br>3 x 380V | lt/1'                    | 1100   | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3250 | 3500 | 3750 | 4000 |
|                          | HP                                      | kW                                      |                                      | kW                       | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| CS 80-160 A              | 30                                      | 22,5                                    | 22                                   | 35                       | H (m)  | 38,6 | 38,5 | 38,2 | 38   | 37,7 | 37   | 36,3 | 35,3 | 34,2 | 33   | 31,6 | 30   | 27,8 | 25   | 22   |
| CS 80-200 B              | 40                                      | 30                                      | 33,5                                 | 54                       | 54,1   | 54   | 53,8 | 53,6 | 53,1 | 52,2 | 51,3 | 50,4 | 49,2 | 47,7 | 46,2 | 44,2 | 41,2 | 38   | 33,6 | 28,5 |
| CS 80-200 A              | 50                                      | 37                                      | 39                                   | 62                       | 58,8   | 58,7 | 58,5 | 58,3 | 57,8 | 57,2 | 56,3 | 55,4 | 54,2 | 53   | 51,5 | 50   | 48   | 45   | 42   | 39   |



| DIMENSIONES mm - DIMENSIONS mm |     |     |                   |    |
|--------------------------------|-----|-----|-------------------|----|
| DN                             | DE  | K   | Orificios - Holes |    |
|                                |     |     | n°                | Ø  |
| 32                             | 140 | 100 | 4                 | 18 |
| 40                             | 150 | 110 | 4                 | 18 |
| 50                             | 165 | 125 | 4                 | 18 |
| 65                             | 185 | 145 | 4                 | 18 |
| 80                             | 200 | 160 | 8                 | 18 |
| 100                            | 220 | 180 | 8                 | 18 |

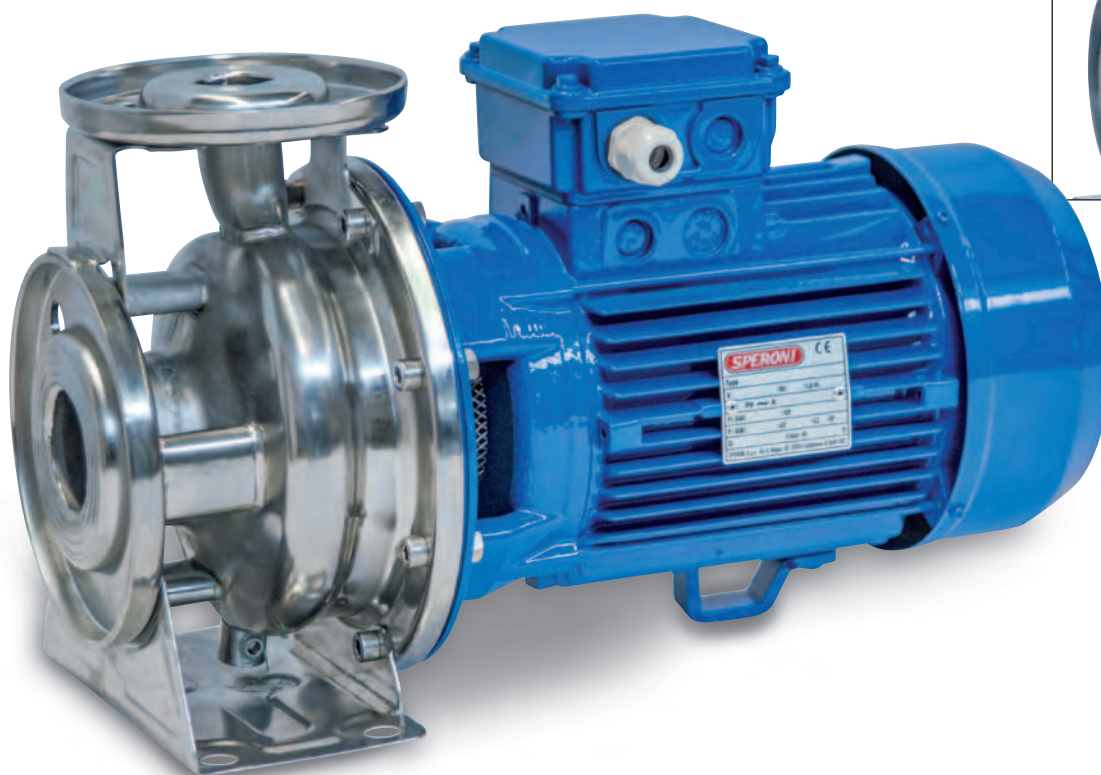
| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|---------------------------------|-----|-----|----------------------|
|                          | A                              | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM | P                               | L   | H   |                      |
| Trifásico<br>Three-phase |                                |    |     |     |     |    |     |     |     |     |     |    |    |     |     |                                 |     |     |                      |
| CS 80-160 A              | 125                            | 95 | 870 | 320 | 250 | 15 | 360 | 445 | 180 | 225 | 125 | 18 | 65 | 100 | 80  | 395                             | 935 | 580 | 219,1                |
| CS 80-200 B              | 125                            | 95 | 900 | 345 | 280 | 15 | 360 | 470 | 180 | 250 | 125 | 18 | 65 | 100 | 80  | 395                             | 935 | 580 | 247,2                |
| CS 80-200 A              | 125                            | 95 | 900 | 345 | 280 | 15 | 360 | 470 | 180 | 250 | 125 | 18 | 65 | 100 | 80  | 395                             | 935 | 580 | 258,5                |

### APLICACIONES

Electrobombas centrífugas, monobloque y con un solo rodete, adecuadas para bombear agua limpia y otros líquidos químicamente y mecánicamente no agresivos; la posibilidad de instalación en cualquier posición, excepto aquella con la boca aspirante dirigida hacia arriba. Su forma constructiva, que permite la extracción (back pull out) del motor con las partes rotatorias de la bomba, y el sucesivo montaje, sin desmontar el cuerpo de la bomba y de las tuberías conectadas a él, ofrece un uso fácil y conveniente para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión, calefacción y acondicionamiento y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

### APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. These system can be installed in any position, provided the inlet opening faces upwards, and, thanks to their special design - which allows back pull out of the motor and the rotary parts of the pump and subsequent re-assembly without having to remove the pump body and the pipes connected to it - can be easily and conveniently used for a wide variety of applications in civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- Cuerpo bomba Acero inoxidable AISI 304
- Brida portajunta Acero inoxidable AISI 304
- Rodete Acero inoxidable AISI 304
- Eje motor Acero inoxidable AISI 304
- Juntas mecánicas Cerámica/Grafito/NBR

### OPERATING CONDITIONS

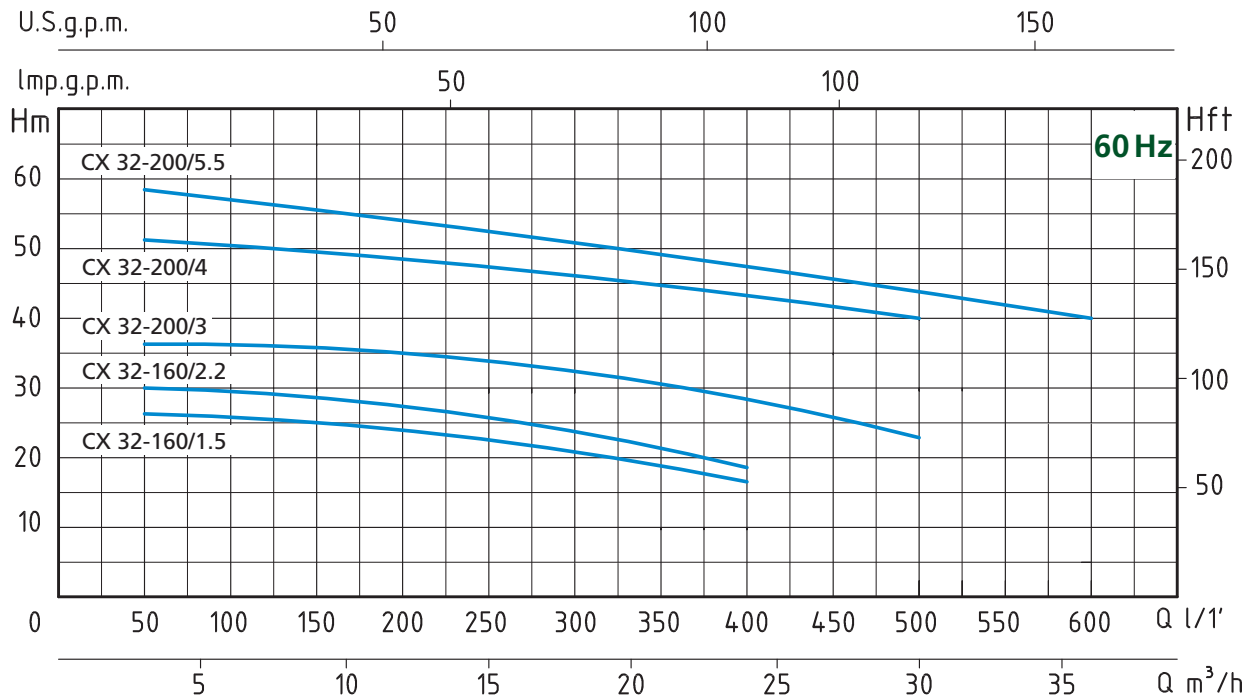
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

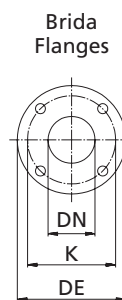
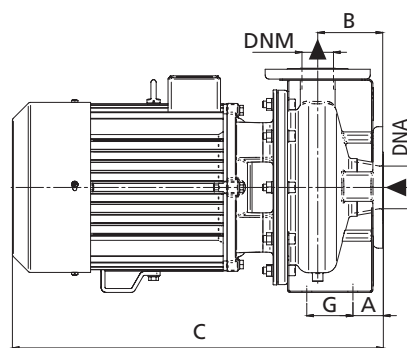
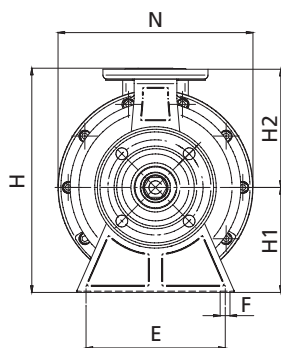
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- Pump body Stainless Steel AISI 304
- Pump flange Stainless Steel AISI 304
- Impeller Stainless Steel AISI 304
- Shaft with rotor Stainless Steel AISI 304
- Mechanical seal Ceramic/Graphite/NBR



| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER                                    |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE | Q = CAPACIDAD - CAPACITY |      |      |      |      |      |      |      |      |      |     |    |  |  |
|--------------------------|--|-----|---|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|-----|----|--|--|
|                          | HP   | KW  |   |                   | Trifásico<br>Three-phase | m³/h | 3    | 6    | 9    | 12   | 15   | 18   | 21   | 24   | 30  | 36 |  |  |
| Trifásico<br>Three-phase | P2   |     | P1                                      | 3 x 380 V         | lt/1'                    | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 500  | 600 |    |  |  |
|                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |   |                   |                          |      |      |      |      |      |      |      |      |      |     |    |  |  |
| CX 32-160/1,5            | 2  | 1,5 | 2,1                                     | 4,1               | H<br>(m)                 | 26   | 25,3 | 24,5 | 23,5 | 22,5 | 21   | 19   | 16   |      |     |    |  |  |
| CX 32-160/2,2            | 3  | 2,2 | 2,8                                     | 5                 |                          | 30   | 29   | 28   | 27   | 26   | 24,5 | 22   | 19   |      |     |    |  |  |
| CX 32-200/3              | 4  | 3   | 4                                       | 6,3               |                          | 36,5 | 36   | 35,5 | 35   | 34   | 33   | 31,5 | 29   | 23,5 |     |    |  |  |
| CX 32-200/4              | 5,5  | 4   | 6                                       | 9,3               |                          | 51   | 50   | 49   | 48   | 47   | 46   | 45   | 43,5 | 40   |     |    |  |  |
| CX 32-200/5,5            | 7,5  | 5,5 | 8,3                                     | 13,3              |                          | 58,5 | 57   | 55,5 | 54   | 52   | 50   | 48,5 | 47   | 44,5 | 40  |    |  |  |



| DIMENSIONES mm - DIMENSIONS mm |     |     |                   |    |
|--------------------------------|-----|-----|-------------------|----|
| DN                             | DE  | K   | Orificios - Holes |    |
|                                |     |     | n°                | Ø  |
| 32                             | 140 | 100 | 4                 | 18 |
| 50                             | 165 | 125 | 4                 | 18 |

| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |      |     |     |    |    |       |     |       |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|------|-----|-----|----|----|-------|-----|-------|-----|-----|-----|---------------------------------|-----|-----|----------------------|
|                          | A                              | B    | C   | E   | F  | G  | H     | H1  | H2    | N   | DNA | DNM | P                               | L   | H   |                      |
| Trifásico<br>Three-phase |                                |      |     |     |    |    |       |     |       |     |     |     |                                 |     |     |                      |
| CX 32-160/1,5            | 34                             | 79,5 | 440 | 160 | 15 | 70 | 260   | 112 | 140   | 213 | 50  | 32  | 250                             | 475 | 335 | 23,1                 |
| CX 32-160/2,2            | 34                             | 79,5 | 440 | 160 | 15 | 70 | 260   | 112 | 140   | 213 | 50  | 32  | 250                             | 475 | 335 | 26,1                 |
| CX 32-200/3              | 34                             | 82,5 | 482 | 212 | 15 | 70 | 346,5 | 160 | 186,5 | 297 | 50  | 32  | 340                             | 620 | 485 | 40,7                 |
| CX 32-200/4              | 34                             | 82,5 | 510 | 212 | 15 | 70 | 346,5 | 160 | 186,5 | 297 | 50  | 32  | 340                             | 620 | 485 | 50,2                 |
| CX 32-200/5,5            | 34                             | 82,5 | 540 | 212 | 15 | 70 | 350   | 160 | 186,5 | 297 | 50  | 32  | 340                             | 620 | 485 | 67,7                 |

### APLICACIONES

Electrobombas centrífugas, monobloque y con un solo rodete, adecuadas para bombear agua limpia y otros líquidos químicamente y mecánicamente no agresivos; la posibilidad de instalación en cualquier posición, excepto aquella con la boca aspirante dirigida hacia arriba. Su forma constructiva, que permite la extracción (back pull out) del motor con las partes rotatorias de la bomba, y el sucesivo montaje, sin desmontar el cuerpo de la bomba y de las tuberías conectadas a él, ofrece un uso fácil y conveniente para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión, calefacción y acondicionamiento y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

### APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. These system can be installed in any position, provided the inlet opening faces upwards, and, thanks to their special design - which allows back pull out of the motor and the rotary parts of the pump and subsequent re-assembly without having to remove the pump body and the pipes connected to it - can be easily and conveniently used for a wide variety of applications in civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                    |                           |
|--------------------|---------------------------|
| - Cuerpo bomba     | Acero inoxidable AISI 304 |
| - Brida portajunta | Acero inoxidable AISI 304 |
| - Rodete           | Acero inoxidable AISI 304 |
| - Eje motor        | Acero inoxidable AISI 304 |
| - Juntas mecánicas | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

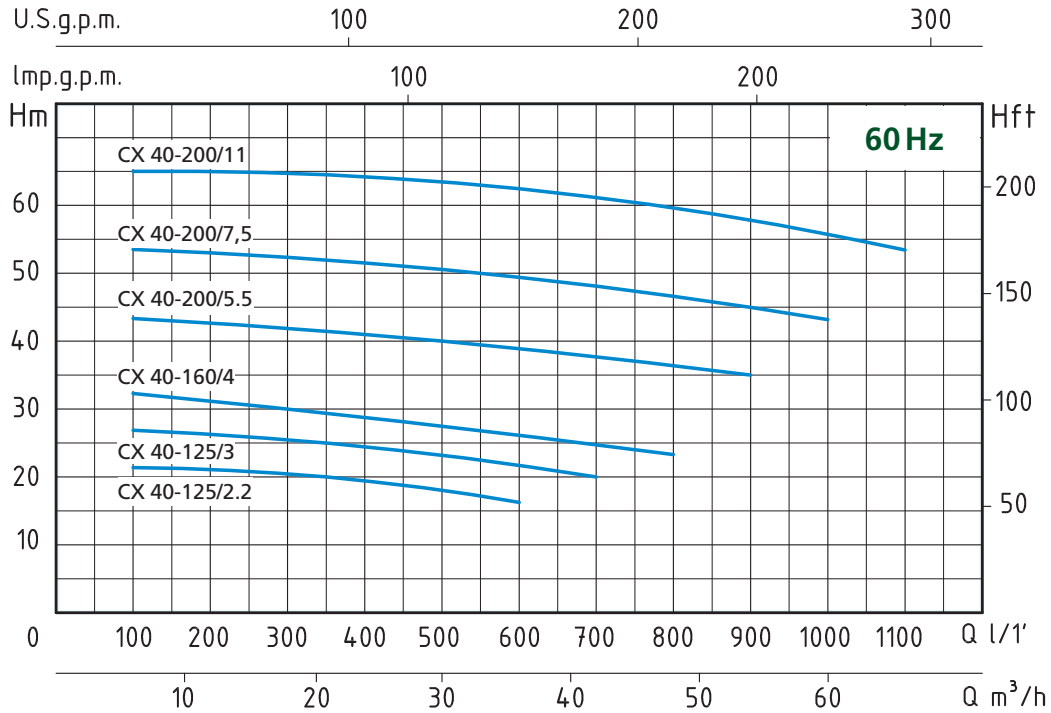
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

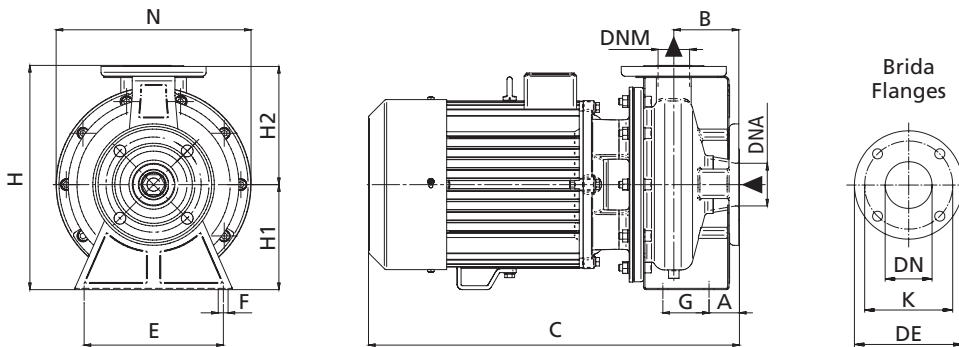
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Pump flange      | Stainless Steel AISI 304 |
| - Impeller         | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |          | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE | Q = CAPACIDAD - CAPACITY   |                                       |      |      |      |      |      |      |      |      |      |      |    |    |  |  |
|--------------------------|---|----------|---|-------------------|--|---------------------------------------|------|------|------|------|------|------|------|------|------|------|----|----|--|--|
|                          | P2<br>HP                                | P2<br>kW |   |                   | P1<br>kW   | Trifásico<br>Three-phase<br>3 x 380 V | m³/h | 6    | 12   | 18   | 24   | 30   | 36   | 42   | 48   | 54   | 60 | 66 |  |  |
| Trifásico<br>Three-phase |   |          |   |                   | lt/1'  | 100                                   | 200  | 300  | 400  | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 |    |    |  |  |
|                          |   |          |   |                   | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                                       |      |      |      |      |      |      |      |      |      |      |    |    |  |  |
|                          | CX 40-125/2,2                           | 3        | 2,2                                     | 2,8               | 5,1  | H (m)                                 | 21,5 | 21,1 | 20,5 | 19,5 | 18   | 16   |      |      |      |      |    |    |  |  |
|                          | CX 40-125/3                             | 4        | 3                                       | 3,7               | 6  |                                       | 26,5 | 26,1 | 25,5 | 24,5 | 23,5 | 22   | 20   |      |      |      |    |    |  |  |
|                          | CX 40-160/4                             | 5,5      | 4                                       | 5,4               | 8,5  |                                       | 32   | 31   | 30   | 28,8 | 28   | 27   | 26   | 23   |      |      |    |    |  |  |
|                          | CX 40-200/5,5                           | 7,5      | 5,5                                     | 7,7               | 12,4   |                                       | 43   | 42,5 | 41,8 | 41   | 40   | 39   | 37,8 | 36,5 | 35   |      |    |    |  |  |
| CX 40-200/7,5            | 10                                      | 7,5      | 10,5                                    | 16,5              |  | 53,5                                  | 52,8 | 52,1 | 51,5 | 50,5 | 49,5 | 48,5 | 47   | 45   | 43   |      |    |    |  |  |
| CX 40-200/11             | 15                                      | 11       | 15                                      | 23,6              |  | 65                                    | 64,8 | 64,6 | 64,4 | 63,5 | 62,5 | 61   | 59   | 57   | 55   | 53   |    |    |  |  |



| DIMENSIONES mm - DIMENSIONS mm |     |     |                   |    |
|--------------------------------|-----|-----|-------------------|----|
| DN                             | DE  | K   | Orificios - Holes |    |
|                                |     |     | n°                | Ø  |
| 40                             | 150 | 110 | 4                 | 18 |
| 65                             | 185 | 145 | 4                 | 18 |

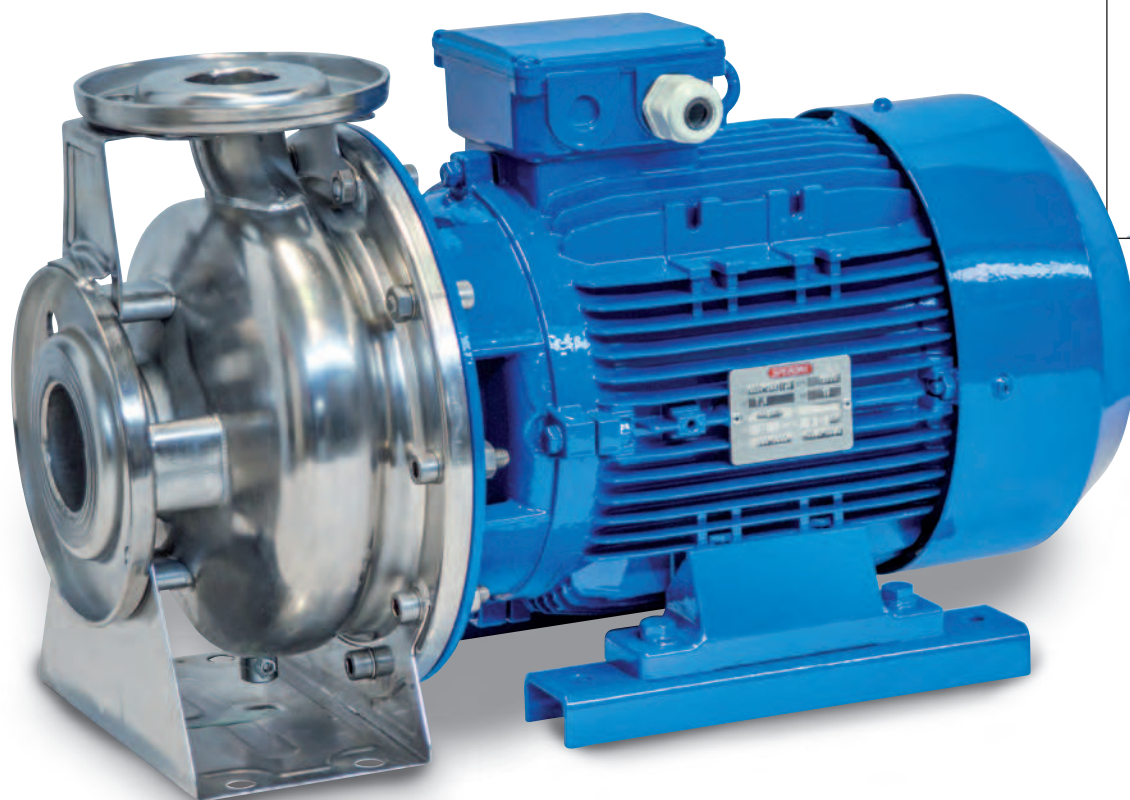
| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |      |     |     |    |    |     |     |       |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|------|-----|-----|----|----|-----|-----|-------|-----|-----|-----|---------------------------------|-----|-----|----------------------|
|                          | A                              | B    | C   | E   | F  | G  | H   | H1  | H2    | N   | DNA | DNM | P                               | L   | H   |                      |
| Trifásico<br>Three-phase |                                |      |     |     |    |    |     |     |       |     |     |     |                                 |     |     |                      |
| CX 40-125/2,2            | 34                             | 79   | 441 | 160 | 15 | 70 | 255 | 112 | 142   | 213 | 65  | 40  | 250                             | 475 | 335 | 25,6                 |
| CX 40-125/3              | 34                             | 79   | 478 | 160 | 15 | 70 | 255 | 112 | 142   | 213 | 65  | 40  | 270                             | 540 | 430 | 32,9                 |
| CX 40-160/4              | 34                             | 79   | 501 | 160 | 15 | 70 | 280 | 112 | 142   | 230 | 65  | 40  | 270                             | 540 | 430 | 37,9                 |
| CX 40-200/5,5            | 46,5                           | 98,5 | 565 | 212 | 15 | 70 | 345 | 160 | 183,5 | 297 | 65  | 40  | 340                             | 620 | 485 | 62,2                 |
| CX 40-200/7,5            | 46,5                           | 98,5 | 565 | 212 | 15 | 70 | 345 | 160 | 183,5 | 297 | 65  | 40  | 340                             | 620 | 485 | 66,7                 |
| CX 40-200/11             | 46,5                           | 98,5 | 705 | 212 | 15 | 70 | 410 | 160 | 183,5 | 315 | 65  | 40  | 372                             | 805 | 550 | 103,3                |

### APLICACIONES

Electrobombas centrífugas, monobloque y con un solo rodete, adecuadas para bombear agua limpia y otros líquidos químicamente y mecánicamente no agresivos; la posibilidad de instalación en cualquier posición, excepto aquella con la boca aspirante dirigida hacia arriba. Su forma constructiva, que permite la extracción (back pull out) del motor con las partes rotatorias de la bomba, y el sucesivo montaje, sin desmontar el cuerpo de la bomba y de las tuberías conectadas a él, ofrece un uso fácil y conveniente para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión, calefacción y acondicionamiento y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

### APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. These system can be installed in any position, provided the inlet opening faces upwards, and, thanks to their special design - which allows back pull out of the motor and the rotary parts of the pump and subsequent re-assembly without having to remove the pump body and the pipes connected to it - can be easily and conveniently used for a wide variety of applications in civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                    |                           |
|--------------------|---------------------------|
| - Cuerpo bomba     | Acero inoxidable AISI 304 |
| - Brida portajunta | Acero inoxidable AISI 304 |
| - Rodete           | Acero inoxidable AISI 304 |
| - Eje motor        | Acero inoxidable AISI 304 |
| - Juntas mecánicas | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

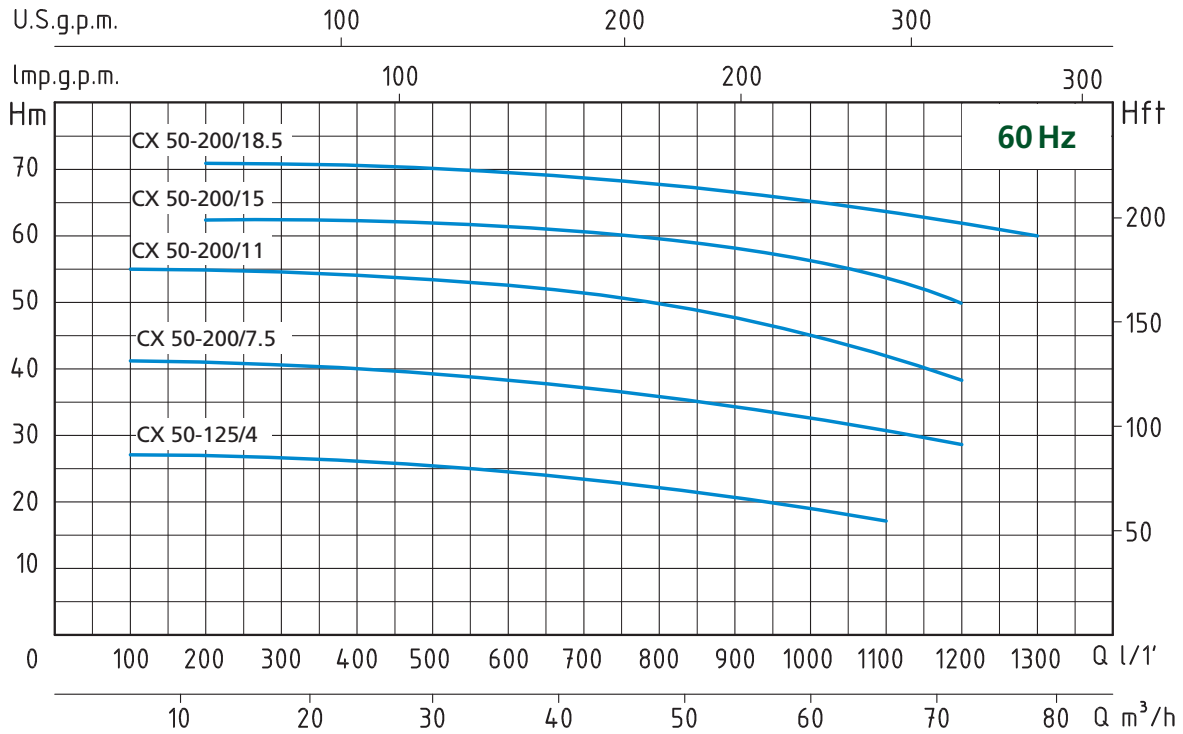
### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

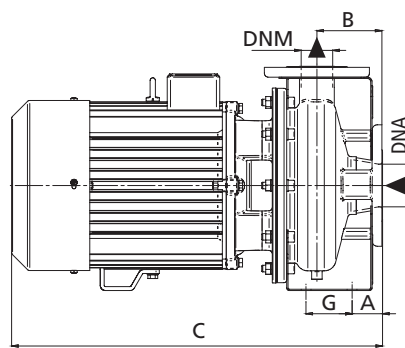
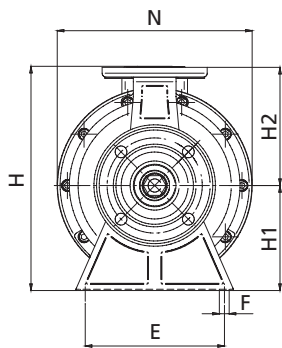
### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Pump flange      | Stainless Steel AISI 304 |
| - Impeller         | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

# STAINLESS STEEL MONOBLOCK CENTRIFUGAL PUMPS



| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER                                    |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE | Q = CAPACIDAD - CAPACITY |      |      |      |      |      |      |      |      |      |      |      |    |  |
|--------------------------|--|------|---|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|----|--|
|                          | HP   | KW   |   |                   | Trifásico<br>Three-phase | m³/h | 6    | 12   | 18   | 30   | 36   | 42   | 54   | 60   | 66   | 72   | 78 |  |
| Trifásico<br>Three-phase | P2   |      | P1                                      | 3 x 380 V         | lt/1'                    | 100  | 200  | 300  | 500  | 600  | 700  | 900  | 1000 | 1100 | 1200 | 1300 |    |  |
|                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |   |                   |                          |      |      |      |      |      |      |      |      |      |      |      |    |  |
| CX 50-125/4              | 5,5  | 4    | 4,8                                     | 7,5               | H<br>(m)                 | 27   | 26,8 | 26,6 | 25,5 | 24,5 | 23,5 | 21   | 19   | 17   |      |      |    |  |
| CX 50-200/7,5            | 10   | 7,5  | 8,8                                     | 14,2              |                          | 40,5 | 40,4 | 40,2 | 39,3 | 38,5 | 37   | 34   | 32,5 | 31   | 29   |      |    |  |
| CX 50-200/11             | 15   | 11   | 14                                      | 22,2              |                          | 55   | 54,8 | 54,6 | 53,8 | 52,8 | 51,5 | 48,5 | 47   | 44   | 38   |      |    |  |
| CX 50-200/15             | 20   | 15   | 17                                      | 27                |                          | 62   | 61,8 | 61,5 | 61,2 | 60,4 | 58   | 56,5 | 53   | 50   |      |      |    |  |
| CX 50-200/18,5           | 25   | 18,5 | 21                                      | 33                |                          | 70,5 | 70,3 | 70   | 69,8 | 69   | 67   | 65,5 | 64   | 62   | 60   |      |    |  |



| DIMENSIONES mm - DIMENSIONS mm |     |     |                   |    |
|--------------------------------|-----|-----|-------------------|----|
| DN                             | DE  | K   | Orificios - Holes |    |
|                                |     |     | n°                | Ø  |
| 50                             | 165 | 125 | 4                 | 18 |
| 65                             | 185 | 145 | 4                 | 18 |

| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |      |     |     |    |    |     |     |       |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|------|-----|-----|----|----|-----|-----|-------|-----|-----|-----|---------------------------------|-----|-----|----------------------|
|                          | A                              | B    | C   | E   | F  | G  | H   | H1  | H2    | N   | DNA | DNM | P                               | L   | H   |                      |
| Trifásico<br>Three-phase |                                |      |     |     |    |    |     |     |       |     |     |     |                                 |     |     |                      |
| CX 50-125/4              | 41,5                           | 84,5 | 520 | 212 | 15 | 70 | 300 | 132 | 164,5 | 254 | 65  | 50  | 340                             | 620 | 485 | 45,2                 |
| CX 50-200/7,5            | 46,5                           | 99   | 565 | 212 | 15 | 70 | 350 | 160 | 180   | 297 | 65  | 50  | 340                             | 620 | 485 | 66,7                 |
| CX 50-200/11             | 46,5                           | 99   | 706 | 212 | 15 | 70 | 410 | 160 | 180   | 315 | 65  | 50  | 372                             | 805 | 550 | 102,8                |
| CX 50-200/15             | 46,5                           | 99   | 706 | 212 | 15 | 70 | 410 | 160 | 180   | 315 | 65  | 50  | 372                             | 805 | 550 | 111,3                |
| CX 50-200/18,5           | 46,5                           | 99   | 751 | 212 | 15 | 70 | 410 | 160 | 180   | 315 | 65  | 50  | 372                             | 805 | 550 | 124,3                |



### APLICACIONES

Electrobombas centrífugas, monobloque y con un solo rodete, adecuadas para bombear agua limpia y otros líquidos químicamente y mecánicamente no agresivos; la posibilidad de instalación en cualquier posición, excepto aquella con la boca aspirante dirigida hacia arriba. Su forma constructiva, que permite la extracción (back pull out) del motor con las partes rotatorias de la bomba, y el sucesivo montaje, sin desmontar el cuerpo de la bomba y de las tuberías conectadas a él, ofrece un uso fácil y conveniente para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión, calefacción y acondicionamiento y en cualquier otro uso que comporte el trasvase de líquidos limpios en general

### APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. These system can be installed in any position, provided the inlet opening faces upwards, and, thanks to their special design - which allows back pull out of the motor and the rotary parts of the pump and subsequent re-assembly without having to remove the pump body and the pipes connected to it - can be easily and conveniently used for a wide variety of applications in civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                    |                           |
|--------------------|---------------------------|
| - Cuerpo bomba     | Acero inoxidable AISI 304 |
| - Brida portajunta | Acero inoxidable AISI 304 |
| - Rodete           | Acero inoxidable AISI 304 |
| - Eje motor        | Acero inoxidable AISI 304 |
| - Juntas mecánicas | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

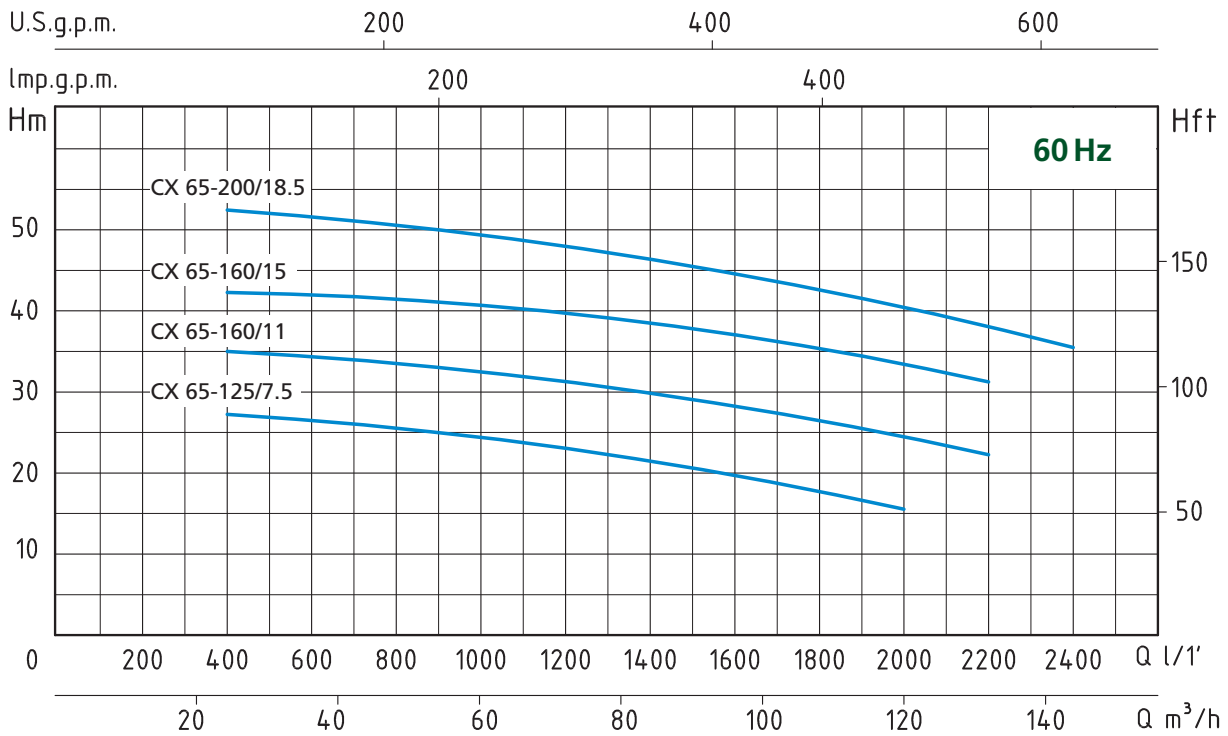
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

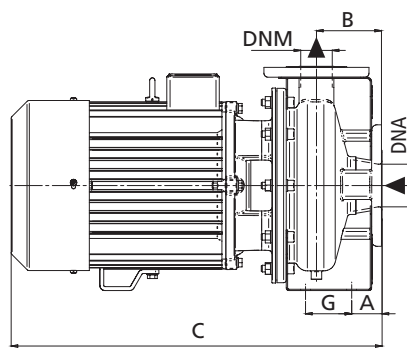
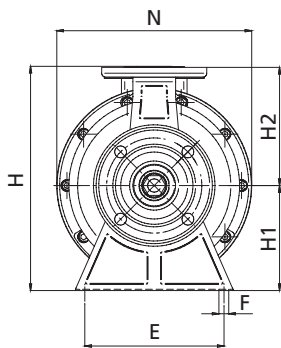
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Pump flange      | Stainless Steel AISI 304 |
| - Impeller         | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE   | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE | Q = CAPACIDAD - CAPACITY |          |       |                          |      |      |      |      |      |      |      |      |      |      |
|--|---|---|-------------------|--------------------------|----------|-------|--------------------------|------|------|------|------|------|------|------|------|------|------|
|  |   |   |                   | P2                       |          | P1    | Trifásico<br>Three-phase | Q    |      |      |      |      |      |      |      |      |      |
| Trifásico<br>Three-phase   | HP                                      | kW                                      | kW                | 3 x 380 V                | m³/h     | 24    |                          | 36   | 48   | 60   | 72   | 84   | 96   | 108  | 120  | 132  | 144  |
|  |   |   |                   |                          |          | lt/1' | 400                      | 600  | 800  | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |   |   |                   |                          |          |       |                          |      |      |      |      |      |      |      |      |      |      |
| CX 65-125/7,5  | 10                                      | 7,5                                     | 8,3               | 13,3                     | H<br>(m) | 26,5  | 26                       | 25,4 | 24,5 | 23,3 | 21,5 | 20   | 18   | 15,5 |      |      |      |
| CX 65-160/11   | 15                                      | 11                                      | 12,7              | 20,5                     |          | 35    | 34,5                     | 33,5 | 32,5 | 31,5 | 30   | 28,5 | 26,5 | 24,5 | 22   |      |      |
| CX 65-160/15   | 20                                      | 15                                      | 16,5              | 26,2                     |          | 42,5  | 42,2                     | 41,8 | 41   | 39,8 | 38,2 | 37   | 35,5 | 34   | 31   |      |      |
| CX 65-200/18,5   | 25                                      | 18,5                                    | 21                | 33                       |          | 52    | 51,5                     | 50,5 | 49,5 | 48,5 | 47,5 | 46   | 44,5 | 42,5 | 39,5 | 35,5 |      |



| DIMENSIONES mm - DIMENSIONS mm |     |     |                   |    |
|--------------------------------|-----|-----|-------------------|----|
| DN                             | DE  | K   | Orificios - Holes |    |
|                                |     |     | n°                | Ø  |
| 65                             | 185 | 145 | 4                 | 18 |
| 80                             | 200 | 160 | 8                 | 18 |

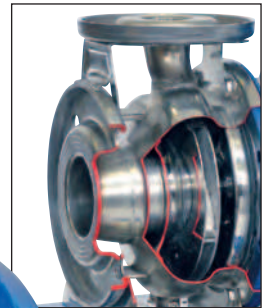
| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |     |     |     |    |    |     |     |     |     |     |     | DIMENSIONES DIMENSIONS mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|---------------------------|-----|-----|----------------------|
|                          | A                              | B   | C   | E   | F  | G  | H   | H1  | H2  | N   | DNA | DNM | P                         | L   | H   |                      |
| Trifásico<br>Three-phase |                                |     |     |     |    |    |     |     |     |     |     |     |                           |     |     |                      |
| CX 65-125/7,5            | 52,5                           | 100 | 570 | 212 | 15 | 95 | 350 | 160 | 180 | 283 | 80  | 65  | 340                       | 620 | 485 | 63,7                 |
| CX 65-160/11             | 52,5                           | 100 | 714 | 212 | 15 | 95 | 410 | 160 | 200 | 315 | 80  | 65  | 372                       | 805 | 550 | 103,3                |
| CX 65-160/15             | 52,5                           | 100 | 714 | 212 | 15 | 95 | 410 | 160 | 200 | 315 | 80  | 65  | 372                       | 805 | 550 | 112,8                |
| CX 65-200/18,5           | 52,5                           | 100 | 760 | 250 | 15 | 95 | 430 | 180 | 225 | 333 | 80  | 65  | 372                       | 805 | 550 | 129,8                |

### APLICACIONES

Electrobombas centrífugas, monobloque y con un solo rodete, adecuadas para bombear agua limpia y otros líquidos químicamente y mecánicamente no agresivos; la posibilidad de instalación en cualquier posición, excepto aquella con la boca aspirante dirigida hacia arriba. Su forma constructiva, que permite la extracción (back pull out) del motor con las partes rotatorias de la bomba, y el sucesivo montaje, sin desmontar el cuerpo de la bomba y de las tuberías conectadas a él, ofrece un uso fácil y conveniente para las exigencias más variadas en ámbito civil, agrícola, industrial o de instalaciones en general. Suministro de agua, riego por aspersión o por inundación, alimentaciones de autoclaves y sobreelevaciones de presión, calefacción y acondicionamiento y en cualquier otro uso que comporte el trasvase de líquidos limpios en general.

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### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                    |                           |
|--------------------|---------------------------|
| - Cuerpo bomba     | Acero inoxidable AISI 304 |
| - Brida portajunta | Acero inoxidable AISI 304 |
| - Rodete           | Acero inoxidable AISI 304 |
| - Eje motor        | Acero inoxidable AISI 304 |
| - Juntas mecánicas | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

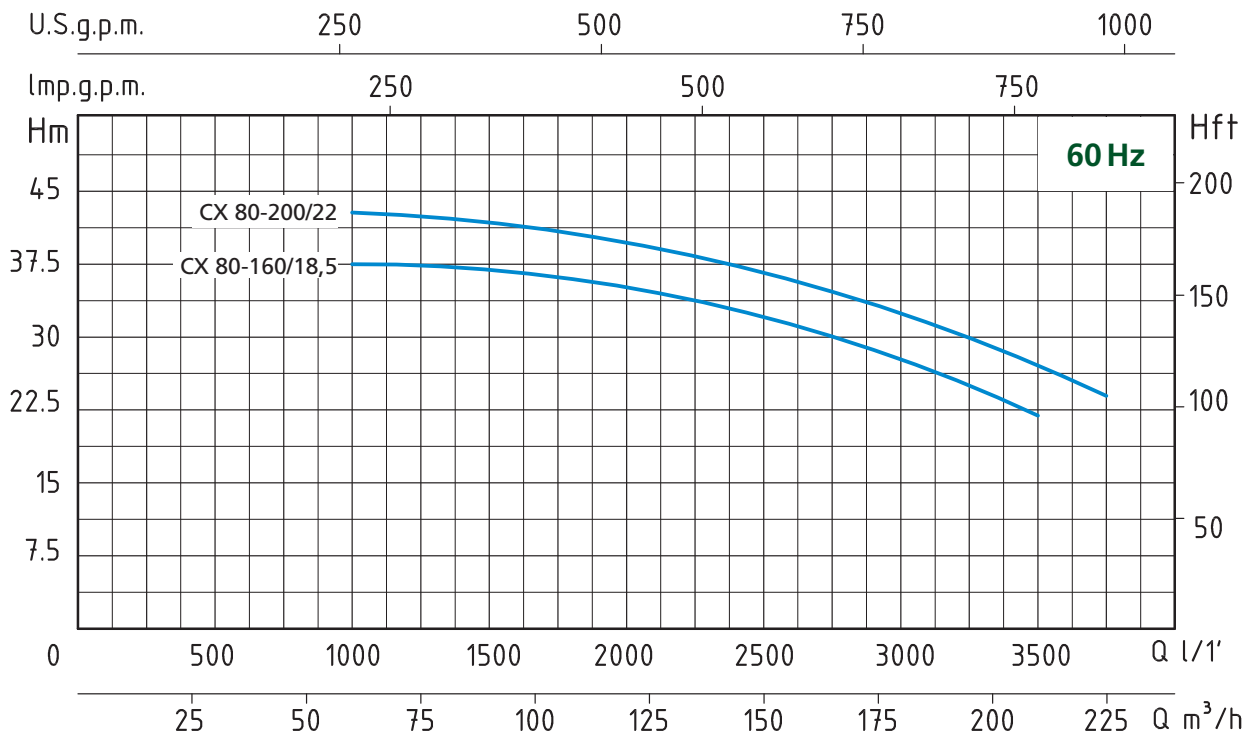
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

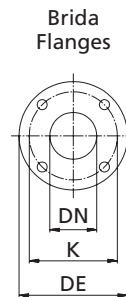
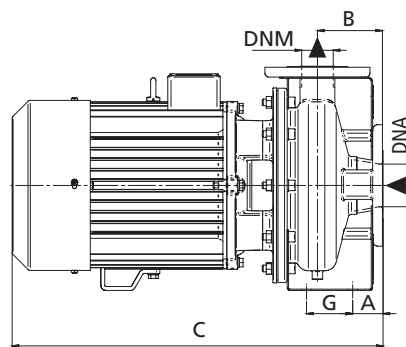
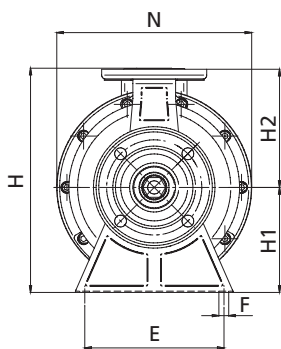
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Pump flange      | Stainless Steel AISI 304 |
| - Impeller         | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER                                    | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE | Q = CAPACIDAD - CAPACITY |      |      |                                       |      |      |      |      |      |      |      |      |      |
|--------------------------|--|---|-------------------|--------------------------|------|------|---------------------------------------|------|------|------|------|------|------|------|------|------|
|                          |  |   |                   | P2                       |      | P1   | Trifásico<br>Three-phase<br>3 x 380 V | m³/h | 60   | 72   | 84   | 108  | 132  | 156  | 168  | 180  |
| Trifásico<br>Three-phase | HP   | KW                                      | KW                | lt/1'                    | 1000 | 1200 |                                       | 1400 | 1800 | 2200 | 2600 | 2800 | 3000 | 3250 | 3500 | 3750 |
|                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |   |                   |                          |      |      |                                       |      |      |      |      |      |      |      |      |      |
| CX 80-160/18,5           | 25   | 18,5                                    | 20                | 32                       | H    | 37,5 | 37,2                                  | 36,8 | 35   | 33   | 30,5 | 29   | 27   | 25   | 22   |      |
| CX 80-200/22             | 30   | 22,5                                    | 25                | 39                       | (m)  | 43,5 | 43                                    | 42,5 | 41   | 39   | 36   | 34,5 | 33   | 30,5 | 27   | 23,5 |



| DIMENSIONES mm - DIMENSIONS mm |     |     |                   |    |
|--------------------------------|-----|-----|-------------------|----|
| DN                             | DE  | K   | Orificios - Holes |    |
|                                |     |     | n°                | Ø  |
| 80                             | 200 | 160 | 8                 | 18 |
| 100                            | 225 | 180 | 8                 | 18 |

| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |     |     |     |    |    |     |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT<br>Kg |     |       |
|--------------------------|--------------------------------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|---------------------------------|----------------------|-----|-------|
|                          | A                              | B   | C   | E   | F  | G  | H   | H1  | H2  | N   | DNA | DNM |                                 |                      | P   | L     |
| Trifásico<br>Three-phase |                                |     |     |     |    |    |     |     |     |     |     |     |                                 |                      |     |       |
| CX 80-160/18,5           | 77,5                           | 125 | 790 | 250 | 15 | 95 | 430 | 180 | 225 | 333 | 100 | 80  | 395                             | 865                  | 561 | 125,7 |
| CX 80-200/22             | 77,5                           | 125 | 830 | 280 | 15 | 95 | 445 | 180 | 250 | 360 | 100 | 80  | 395                             | 865                  | 561 | 118,2 |

### APLICACIONES

Las electrobombas de autocebado Jet Inoxidables garantizan un rendimiento hidráulico óptimo y una gran capacidad de presión. Pueden aspirar hasta 8 m de profundidad y son capaces de funcionar perfectamente incluso en presencia de aguas mezcladas con gas. Adecuadas para la alimentación de agua potable, la elevación y la distribución en las instalaciones domésticas mediante depósitos pequeños y medianos (autoclaves).

### APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to 8 m depth and work perfectly even in soda-water. Suitable for drinkable water, water lifting and distribution in domestic fittings by small and medium sized tanks.



CAM 80



CAM 85-88

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 8 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- Cuerpo bomba: Acero inoxidable AISI 304
- Soporte del motor: Aluminio
- Rodete (80-85): Noryl
- Rodete (88): Acero inoxidable AISI 304
- Difusor: Noryl
- Brida portajunta: Acero inoxidable AISI 304
- Eje motor: Acero inoxidable AISI 304
- Juntas mecánicas: Cerámica/Grafito/NBR

### OPERATING CONDITIONS

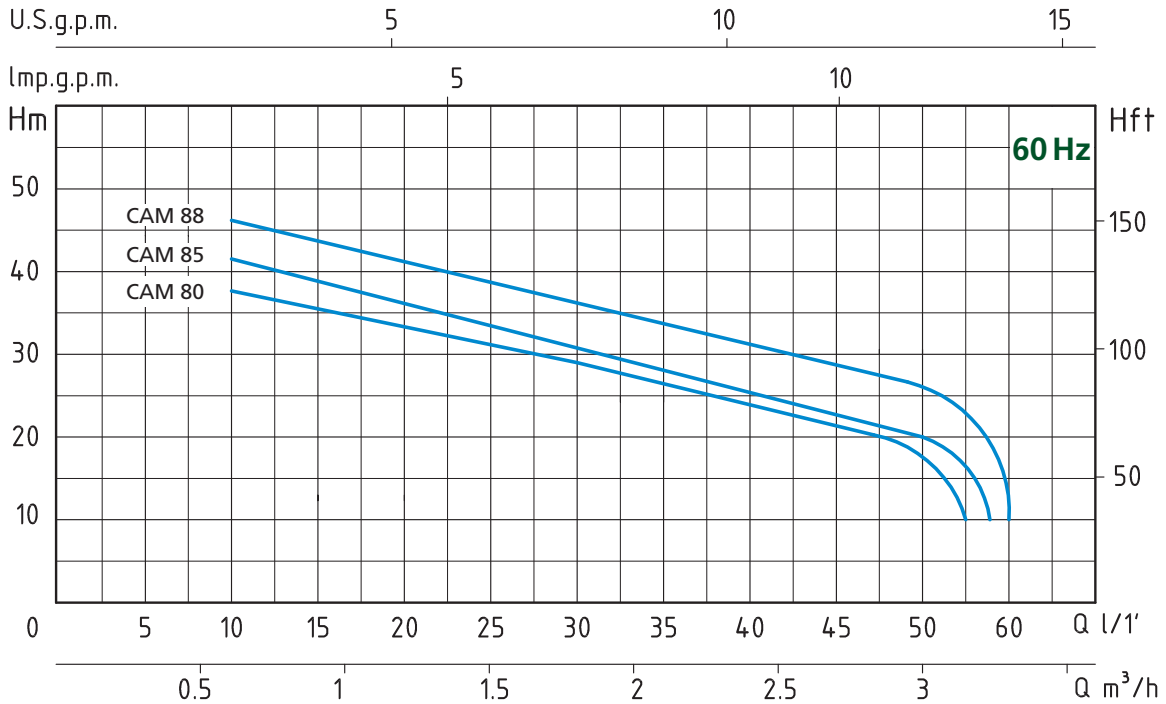
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

### MOTOR

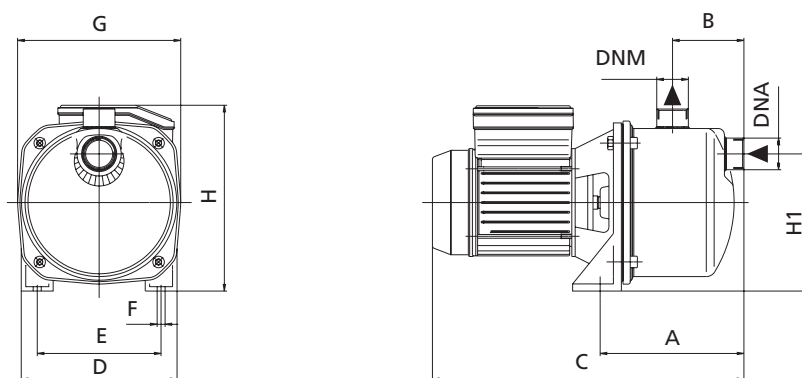
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

- Pump body: Stainless Steel AISI 304
- Motor Support: Aluminium
- Impeller (CAM 80-85): Noryl
- Impeller (88): Stainless Steel AISI 304
- Diffuser: Noryl
- Pump flange: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Mechanical seal: Ceramic/Graphite/NBR



| TIPO<br>TYPE               | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Q = CAPACIDAD - CAPACITY   |     |     |     |     |     |     |     |     |    |
|----------------------------|---|------|---|----------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                            | P2                                      |      | P1                                      | Monofásico<br>Single-phase | m³/h   | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |
| Monofásico<br>Single-phase | HP                                      | kW   | kW                                      | Monofásico<br>Single-phase | lt/1'  | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50 |
| 220V-60Hz                  |   |      |   | 1 x 220V                   | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |    |
| <b>CAM 80</b>              | 0,8                                     | 0,6  | 0,8                                     | 3,8                        | H (m)  | 38  | 36  | 34  | 32  | 29  | 27  | 25  | 22  | 19 |
| <b>CAM 85</b>              | 0,9                                     | 0,7  | 0,9                                     | 4                          |  | 42  | 40  | 36  | 33  | 31  | 28  | 26  | 24  | 20 |
| <b>CAM 88</b>              | 1                                       | 0,75 | 1,1                                     | 5                          |  | 46  | 43  | 40  | 38  | 35  | 32  | 30  | 29  | 26 |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |    |     |     |     |   |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|----|-----|-----|-----|---|-----|-----|-----|-----|-----|---------------------------------|-----|-----|----------------------|
|                            | A                              | B  | C   | D   | E   | F | G   | H   | H1  | DNA | DNM | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |    |     |     |     |   |     |     |     |     |     |                                 |     |     |                      |
| <b>CAM 80</b>              | 163                            | 72 | 320 | 162 | 126 | 9 | 166 | 180 | 123 | 1"  | 1"  | 176                             | 350 | 200 | 6,7                  |
| <b>CAM 85</b>              | 163                            | 81 | 343 | 176 | 140 | 9 | 184 | 200 | 149 | 1"  | 1"  | 200                             | 414 | 228 | 7,7                  |
| <b>CAM 88</b>              | 163                            | 81 | 370 | 176 | 140 | 9 | 184 | 200 | 149 | 1"  | 1"  | 200                             | 414 | 228 | 10,2                 |

### APLICACIONES

Las electrobombas de autocebado Jet Inoxidables garantizan un rendimiento hidráulico óptimo y una gran capacidad de presión. Pueden aspirar hasta 8 m de profundidad y son capaces de funcionar perfectamente incluso en presencia de aguas mezcladas con gas.

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### APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to mt. 8 depth and work perfectly even in soda-water. Suitable for drinkable water, water lifting and distribution in domestic fittings by small and medium sized tanks.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 8 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Acero inoxidable AISI 304 |
| - Soporte del motor | Aluminio                  |
| - Rodete            | Acero inoxidable AISI 304 |
| - Difusor           | Noryl                     |
| - Brida portajunta  | Acero inoxidable AISI 304 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

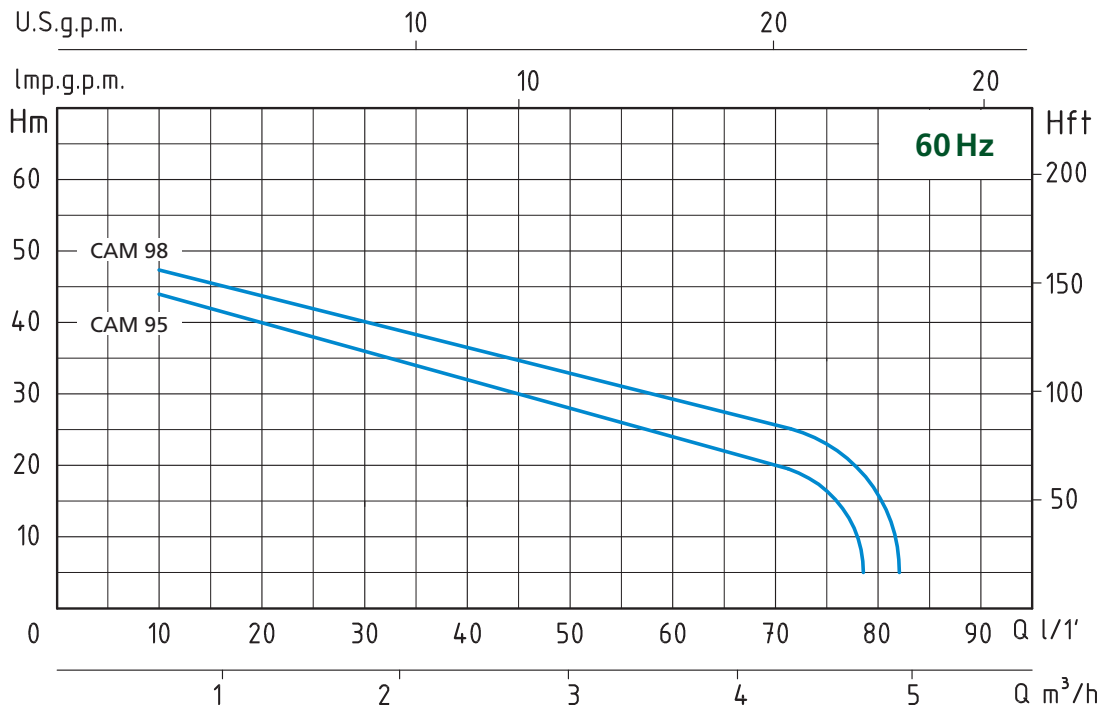
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

### MOTOR

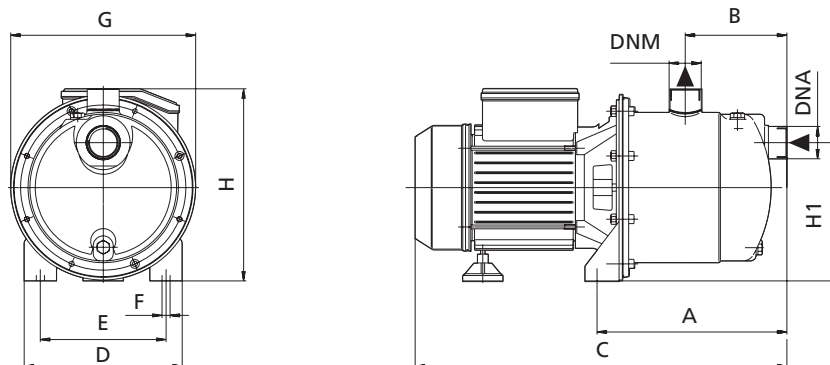
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Motor Support    | Aluminium                |
| - Impeller         | Stainless Steel AISI 304 |
| - Diffuser         | Noryl                    |
| - Pump flange      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE  | POTENCIA NOMINAL<br>NOMINAL POWER  |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE | Q = CAPACIDAD - CAPACITY   |      |     |     |     |     |     |     |    |     |     |     |  |  |
|---------------|--|------|---|-------------------|----------------------------|------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|--|--|
|               | HP   | kW   |   |                   | Monofásico<br>Single-phase | m³/h | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,4 | 3  | 3,6 | 4,2 | 4,8 |  |  |
| 220V-60Hz     |  |      |   | 1 x 220V          | lt/1'                      | 10   | 15  | 20  | 25  | 30  | 40  | 50  | 60 | 70  | 80  |     |  |  |
|               | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |   |                   |                            |      |     |     |     |     |     |     |    |     |     |     |  |  |
| <b>CAM 95</b> | 1  | 0,75 | 1,1                                     | 5                 | H (m)                      | 44   | 40  | 38  | 36  | 34  | 30  | 27  | 24 | 20  |     |     |  |  |
| <b>CAM 98</b> | 1,3  | 1    | 1,3                                     | 5,8               |                            | 47   | 45  | 44  | 41  | 39  | 35  | 32  | 28 | 26  |     |     |  |  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |   |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|---------------------------------|-----|-----|----------------------|
|                            | A                              | B   | C   | D   | E   | F | G   | H   | H1  | DNA | DNM | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |     |     |     |     |   |     |     |     |     |     |                                 |     |     |                      |
| <b>CAM 95</b>              | 210                            | 113 | 415 | 176 | 140 | 9 | 206 | 212 | 154 | 1"  | 1"  | 212                             | 453 | 230 | 10,8                 |
| <b>CAM 98</b>              | 210                            | 113 | 415 | 176 | 140 | 9 | 206 | 212 | 154 | 1"  | 1"  | 212                             | 453 | 230 | 11,4                 |



### APLICACIONES

Grupos de presurización con funcionamiento automático realizados con electrobombas jet de autocebado.

Muy fiables y silenciosas, son especialmente adecuadas para aumentar la presión disponible desde una red de distribución, para el suministro de agua con aspiración desde pozos y para instalaciones hídricas domésticas.

### APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps.

They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C  
(para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 8 m.
- Servicio continuo.

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- Depósito de membrana de butilo
- Tubo flexible con racor
- Presostato precalibrado 1,4÷2,8 bares con cables
- Manómetro
- Racor latón

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

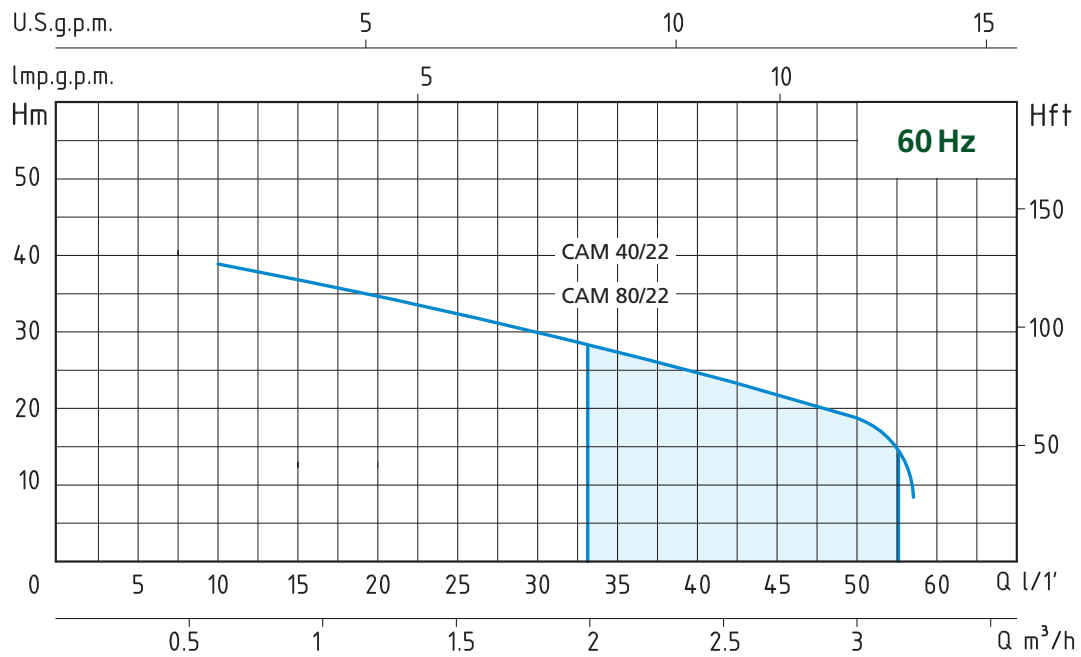
- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1,4÷2,8 bar with cable
- Pressure gauge
- Brass connection



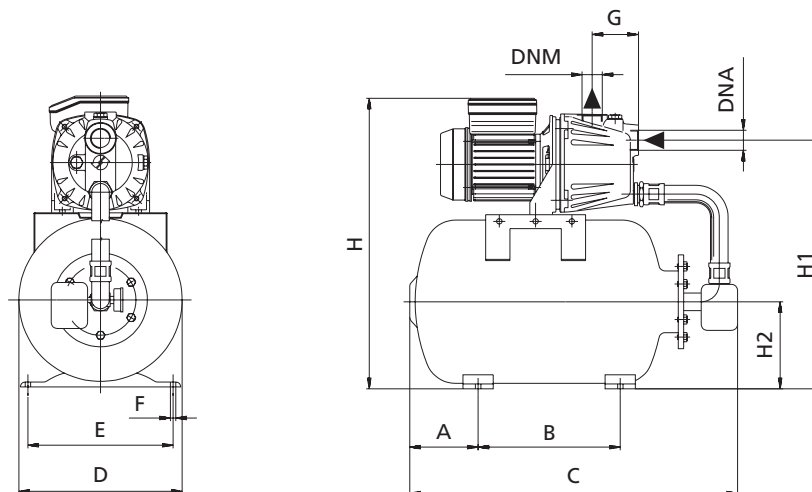
CAM 40-22



CAM 80-22



| TIPO<br>TYPE               | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Presostato<br>precalibrado<br><br>Adjusted<br>switch<br>on/off<br>pressure | Q = CAPACIDAD - CAPACITY   |     |      |     |     |     |     |     |     |     |
|----------------------------|---|-----|---|----------------------------|--|--|-----|------|-----|-----|-----|-----|-----|-----|-----|
|                            | HP                                      | kW  |   |                            |  | Monofásico<br>Single-phase   | Bar | m³/h | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 |
| Monofásico<br>Single-phase | P2                                      |     | P1                                      | Monofásico<br>Single-phase | Bar  | lt/1'  | 10  | 15   | 20  | 25  | 30  | 35  | 40  | 45  | 50  |
| 220V-60Hz                  | HP                                      | kW  | kW                                      | 1 x 220V                   |  | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |      |     |     |     |     |     |     |     |
| <b>CAM 40/22</b>           | 0,8                                     | 0,6 | 0,8                                     | 3,8                        | 1,4 ÷ 2,8  | H<br>(m)   | 38  | 36   | 34  | 32  | 29  | 27  | 25  | 22  | 19  |
| <b>CAM 80/22</b>           | 0,8                                     | 0,6 | 0,8                                     | 3,8                        | 1,4 ÷ 2,8  |  | 38  | 36   | 34  | 32  | 29  | 27  | 25  | 22  | 19  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |   |    |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |      |   |
|----------------------------|--------------------------------|-----|-----|-----|-----|---|----|-----|-----|-----|-----|-----|---------------------------------|----------------|-----|------|---|
|                            | A                              | B   | C   | D   | E   | F | G  | H   | H1  | H2  | DNA | DNM |                                 |                | P   | L    | H |
| Monofásico<br>Single-phase |                                |     |     |     |     |   |    |     |     |     |     |     |                                 |                |     |      |   |
| <b>CAM 40/22</b>           | 113                            | 235 | 542 | 270 | 240 | 9 | 76 | 480 | 411 | 144 | 1"  | 1"  | 298                             | 500            | 520 | 15,6 |   |
| <b>CAM 80/22</b>           | 113                            | 235 | 542 | 270 | 240 | 9 | 72 | 460 | 411 | 144 | 1"  | 1"  | 298                             | 500            | 520 | 13,7 |   |

### APLICACIONES

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### APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps.

They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 8 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- Depósito de membrana de butilo
- Tubo flexible con racor
- Presostato precalibrado 1,6÷3,2 bares con cables
- Manómetro
- Racor latón

### OPERATING CONDITIONS

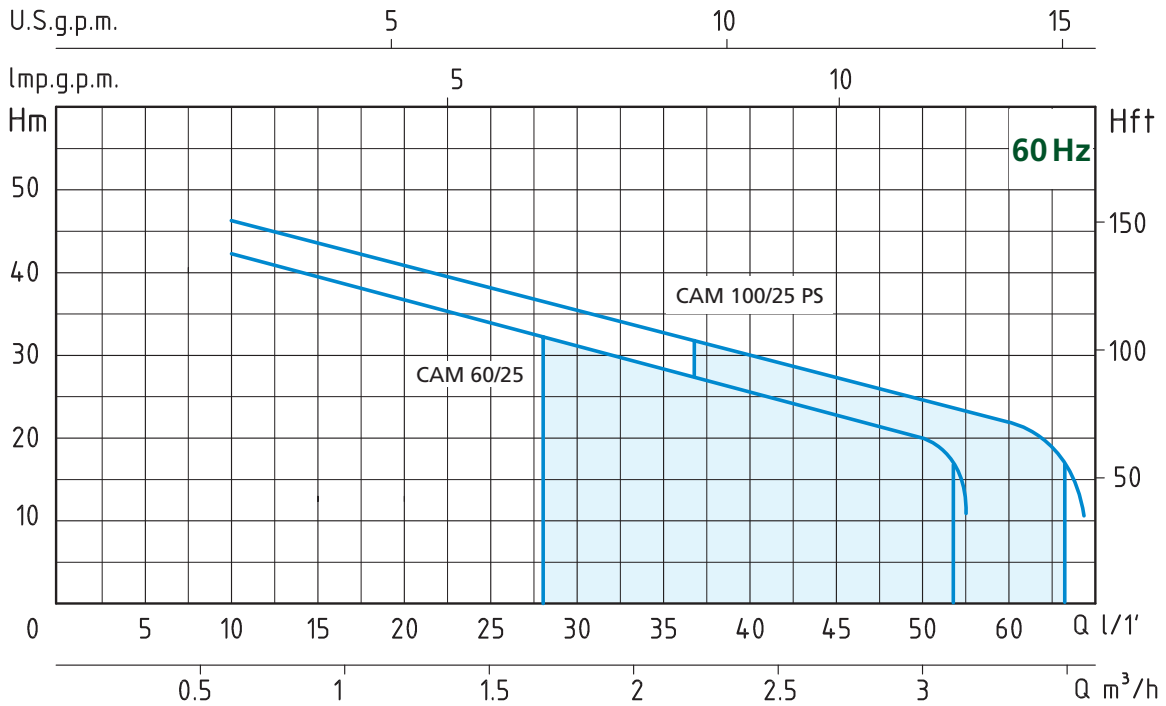
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
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- Total suction lift up to 8 mt.
- Continuous duty

### MOTOR

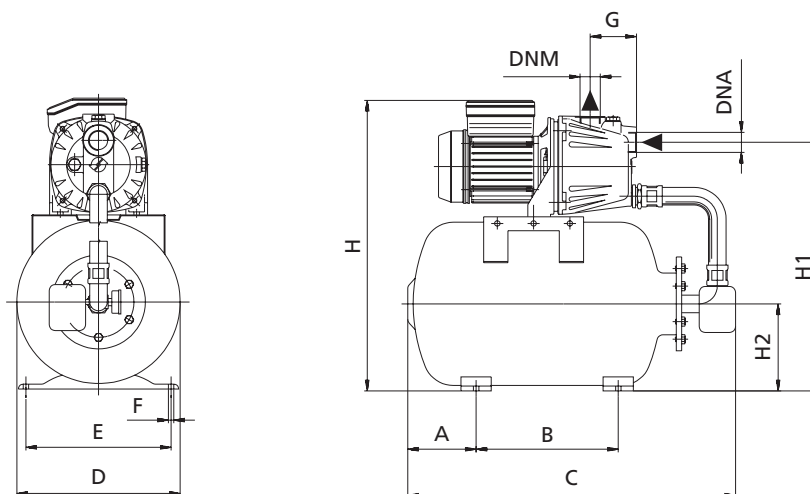
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1,6÷3,2 bar with cable
- Pressure gauge
- Brass connection



| TIPO<br>TYPE  | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE | Presostato<br>precalibrado<br><br>Adjusted<br>switch<br>on/off<br>pressure | Q = CAPACIDAD - CAPACITY   |          |     |      |     |     |     |     |     |     |     |
|---------------|---|------|---|-------------------|--|--|----------|-----|------|-----|-----|-----|-----|-----|-----|-----|
|               | HP                                      | kW   |   |                   |  | Monofásico<br>Single-phase   | 1 x 220V | Bar | m³/h | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 |
| 220V-60Hz     |   |      |   |                   |  | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |          |     |      |     |     |     |     |     |     |     |
| CAM 60/25     | 0,8                                     | 0,6  | 0,8                                     | 3,5               | 1,6 ÷ 3,2  | H  | 42       | 38  | 36   | 33  | 30  | 27  | 26  | 23  | 20  |     |
| CAM 100/25 PS | 1                                       | 0,75 | 1,1                                     | 5                 | 1,6 ÷ 3,2  | (m)  | 46       | 43  | 40   | 37  | 35  | 33  | 30  | 29  | 26  | 22  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |   |     |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |      |  |
|----------------------------|--------------------------------|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|---------------------------------|----------------|-----|------|--|
|                            | A                              | B   | C   | D   | E   | F | G   | H   | H1  | H2  | DNA | DNM |                                 |                |     |      |  |
| Monofásico<br>Single-phase |                                |     |     |     |     |   |     |     |     |     |     |     |                                 |                |     |      |  |
| CAM 60/25                  | 113                            | 235 | 530 | 270 | 240 | 9 | 90  | 497 | 444 | 144 | 1"  | 1"  | 295                             | 555            | 545 | 17,7 |  |
| CAM 100/25 PS              | 113                            | 235 | 530 | 270 | 240 | 9 | 145 | 497 | 444 | 144 | 1"  | 1"  | 295                             | 555            | 545 | 23,8 |  |

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- Aislamiento Clase F
- Protección IP 44

### MATERIALES

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- Tubo flexible con racor
- Presostato precalibrado 1,6÷3,2 bares con cables
- Manómetro
- Racor latón

### OPERATING CONDITIONS

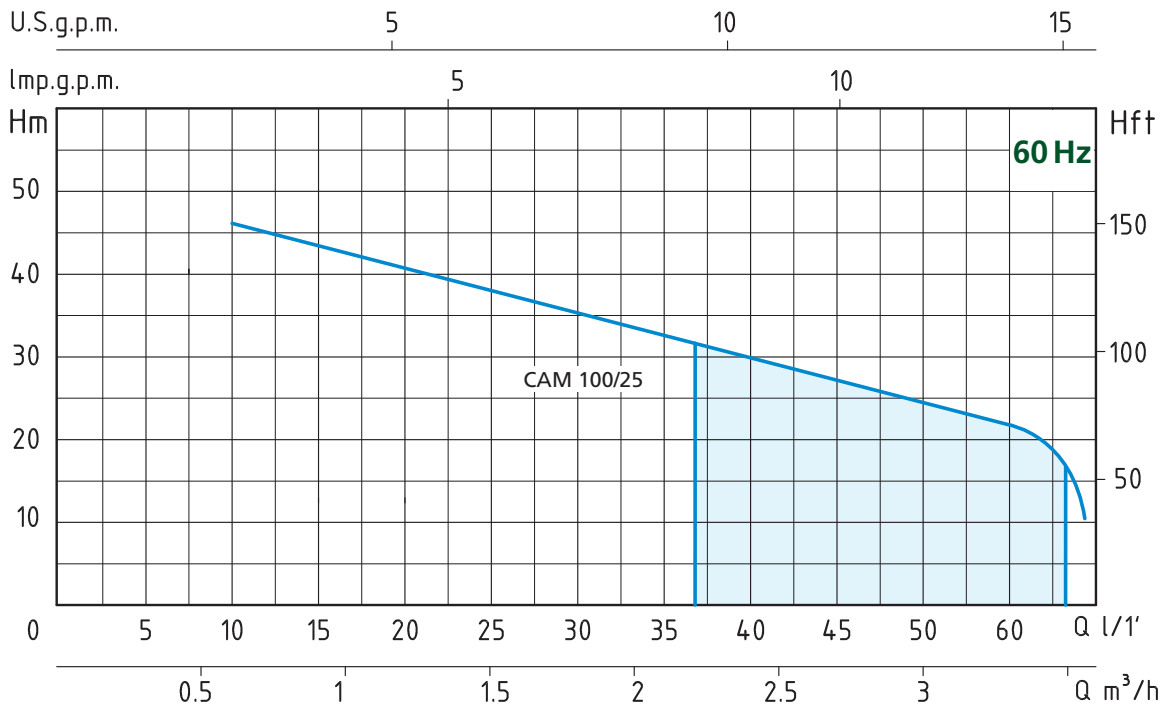
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- Temperature max. liquid: 35°C (for other uses)
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- Total suction lift up to 8 mt.
- Continuous duty

### MOTOR

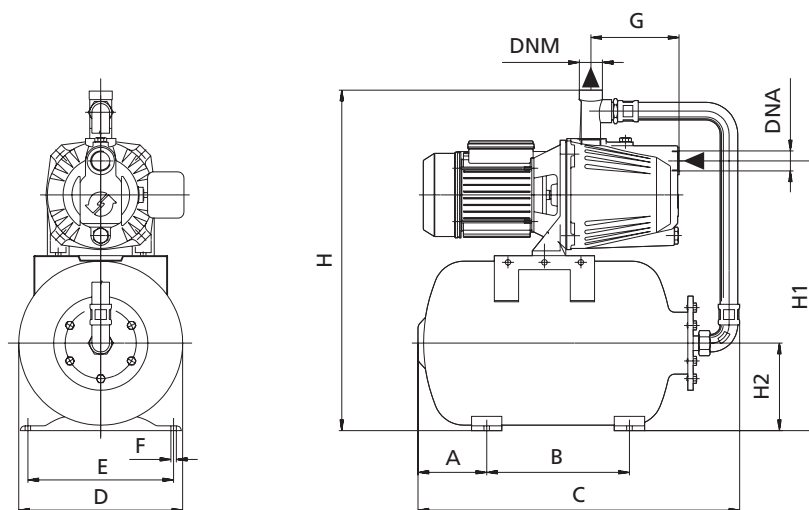
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1,6÷3,2 bar with cable
- Pressure gauge
- Brass connection



| TIPO<br>TYPE               | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE | Presostato<br>precalibrado<br><br>Adjusted<br>switch<br>on/off<br>pressure | Q = CAPACIDAD - CAPACITY   |      |     |     |     |     |     |     |     |     |    |
|----------------------------|---|------|---|-------------------|--|--|------|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                            | HP                                      | kW   |   |                   |  | Monofásico<br>Single-phase   | m³/h | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |
| Monofásico<br>Single-phase |   |      | P1                                      |                   |  | lt/1'  | 10   | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 60 |
| 220V-60Hz                  |   |      | kW                                      | 1 x 220V          | Bar  | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |     |     |     |     |     |     |     |    |
| <b>CAM 100/25</b>          | 1                                       | 0,75 | 1,1                                     | 5                 | 1,6 ÷ 3,2  | H (m)  | 46   | 43  | 40  | 37  | 35  | 33  | 30  | 29  | 26  | 22 |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |   |     |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |      |
|----------------------------|--------------------------------|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|---------------------------------|----------------|-----|------|
|                            | A                              | B   | C   | D   | E   | F | G   | H   | H1  | H2  | DNA | DNM |                                 |                |     |      |
| Monofásico<br>Single-phase |                                |     |     |     |     |   |     |     |     |     |     |     | P                               | L              | H   | Kg   |
| <b>CAM 100/25</b>          | 113                            | 235 | 530 | 270 | 240 | 9 | 145 | 560 | 444 | 144 | 1"  | 1"  | 285                             | 550            | 630 | 22,6 |

### APLICACIONES

Grupos de presurización con funcionamiento automático realizados con electrobombas jet de autocebado.

Muy fiables y silenciosas, son especialmente adecuadas para aumentar la presión disponible desde una red de distribución, para el suministro de agua con aspiración desde pozos y para instalaciones hídricas domésticas.

### APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps.

They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 8 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- Depósito de membrana de butilo
- Tubo flexible con racor
- Presostato precalibrado 1,6÷3,2 bares con cables
- Manómetro
- Racor latón

### OPERATING CONDITIONS

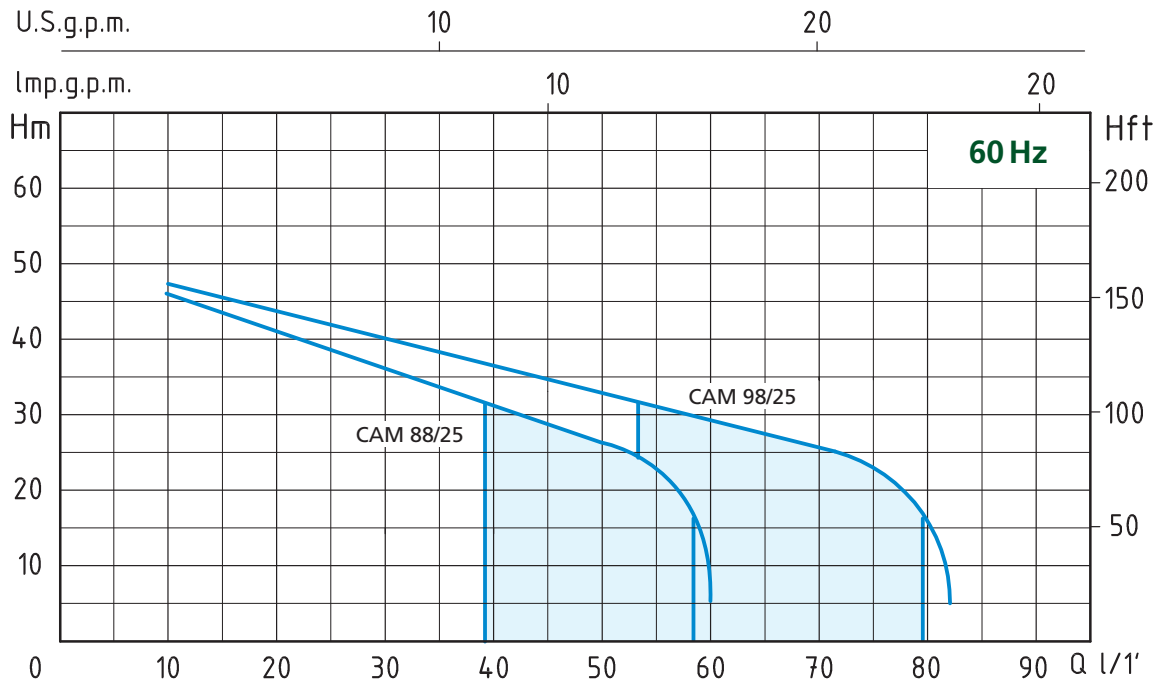
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

### MOTOR

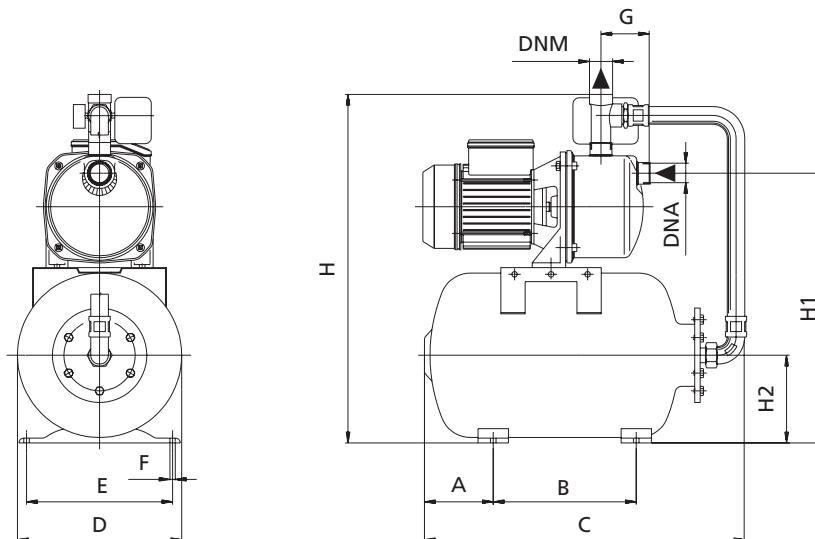
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1,6÷3,2 bar with cable
- Pressure gauge
- Brass connection



| TIPO<br>TYPE | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |          | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE                      | Presostato<br>precalibrado<br><br>Adjusted<br>switch<br>on/off<br>pressure | Q = CAPACIDAD - CAPACITY   |      |     |     |     |     |     |     |     |     |    |
|--------------|---|----------|---|--|--|--|------|-----|-----|-----|-----|-----|-----|-----|-----|----|
|              | P2<br>HP                                | P2<br>kW | P1<br>kW                                | Monofásico<br>Single-phase<br>1 x 220V |  | Bar  | m³/h | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |
| 220V-60Hz    |   |          |   |  |  | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |     |     |     |     |     |     |     |    |
| CAM 88/25    | 1                                       | 0,75     | 1,1                                     | 5                                      | 1,6 ÷ 3,2  | H (m)  | 46   | 43  | 40  | 38  | 35  | 32  | 30  | 29  | 26  |    |
| CAM 98/25    | 1,3                                     | 1        | 1,3                                     | 5,8                                    | 1,6 ÷ 3,2  |  | 47   | 45  | 44  | 41  | 39  | 37  | 35  | 33  | 32  | 28 |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |   |     |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|----------------------|
|                            | A                              | B   | C   | D   | E   | F | G   | H   | H1  | H2  | DNA | DNM | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |     |     |     |     |   |     |     |     |     |     |     |                                 |     |     |                      |
| CAM 88/25                  | 113                            | 235 | 530 | 270 | 240 | 9 | 81  | 575 | 437 | 144 | 1"  | 1"  | 285                             | 550 | 630 | 18,2                 |
| CAM 98/25                  | 113                            | 235 | 530 | 270 | 240 | 9 | 112 | 575 | 445 | 144 | 1"  | 1"  | 285                             | 550 | 630 | 19,4                 |



### APLICACIONES

Grupos de presurización con funcionamiento automático realizados con electrobombas jet de autocebado.

Muy fiables y silenciosas, son especialmente adecuadas para aumentar la presión disponible desde una red de distribución, para el suministro de agua con aspiración desde pozos y para instalaciones hídricas domésticas.

### APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps.

They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 8 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- Depósito de membrana de butilo
- Tubo flexible con racor
- Presostato precalibrado 1,6÷3,2 bares con cables
- Manómetro
- Racor latón

### OPERATING CONDITIONS

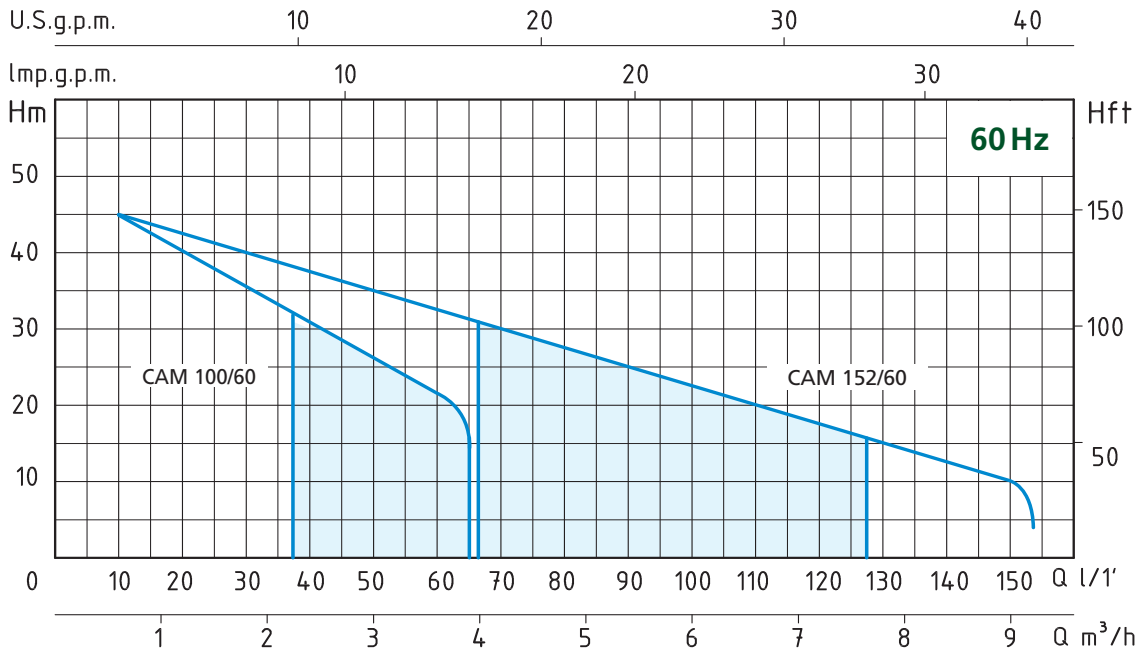
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

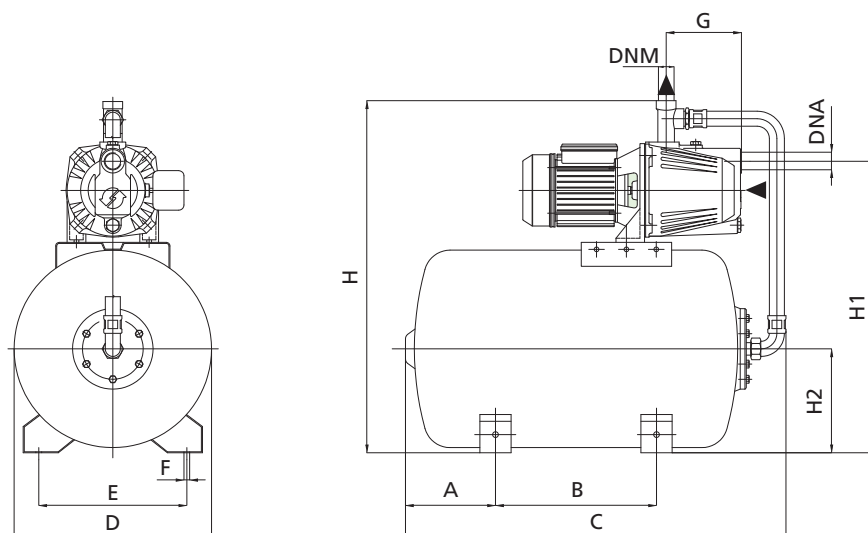
### MATERIALS

- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1,6÷3,2 bar with cable
- Pressure gauge
- Brass connection



| TIPO<br>TYPE               | POTENCIA NOMINAL<br>NOMINAL POWER |      | POTENCIA ABSORBIDA<br>INPUT POWER | AMPERIO<br>AMPERE | Presostato precalibrado<br>Adjusted switch on/off pressure | Q = CAPACIDAD - CAPACITY   |      |     |     |     |     |     |     |     |     |    |
|----------------------------|-----------------------------------|------|-----------------------------------|-------------------|--|--|------|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                            | P2                                | P1   | Monofásico<br>Single-phase        |                   |  | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |     |     |     |     |     |     |     |    |
| Monofásico<br>Single-phase | HP                                | kW   |                                   | kW                | 1 x 220V   | Bar  | m³/h | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |
| 220V-60Hz                  |                                   |      |                                   |                   |  | lt/1'  | 10   | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 60 |
| <b>CAM 100/60</b>          | 1                                 | 0,75 | 1,1                               | 5                 | 1,6 ÷ 3,2  | H (m)  | 45   | 43  | 40  | 38  | 35  | 33  | 30  | 29  | 26  | 22 |

| TIPO<br>TYPE               | POTENCIA NOMINAL<br>NOMINAL POWER |     | POTENCIA ABSORBIDA<br>INPUT POWER | AMPERIO<br>AMPERE | Presostato precalibrado<br>Adjusted switch on/off pressure | Q = CAPACIDAD - CAPACITY   |      |     |     |     |     |     |     |     |     |     |
|----------------------------|-----------------------------------|-----|-----------------------------------|-------------------|--|--|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                            | P2                                | P1  | Monofásico<br>Single-phase        |                   |  | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |     |     |     |     |     |     |     |     |
| Monofásico<br>Single-phase | HP                                | kW  |                                   | kW                | 1 x 220V   | Bar  | m³/h | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,8 | 5,4 | 6   | 7,2 |
| 220V-60Hz                  |                                   |     |                                   |                   |  | lt/1'  | 10   | 20  | 30  | 45  | 60  | 80  | 90  | 100 | 120 | 150 |
| <b>CAM 152/60</b>          | 1,5                               | 1,1 | 1,5                               | 7                 | 1,6 ÷ 3,2  | H (m)  | 45   | 42  | 40  | 35  | 33  | 28  | 25  | 22  | 16  | 10  |



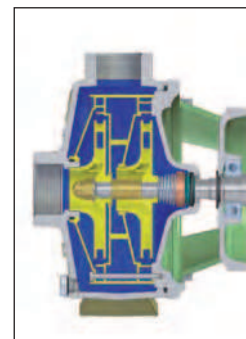
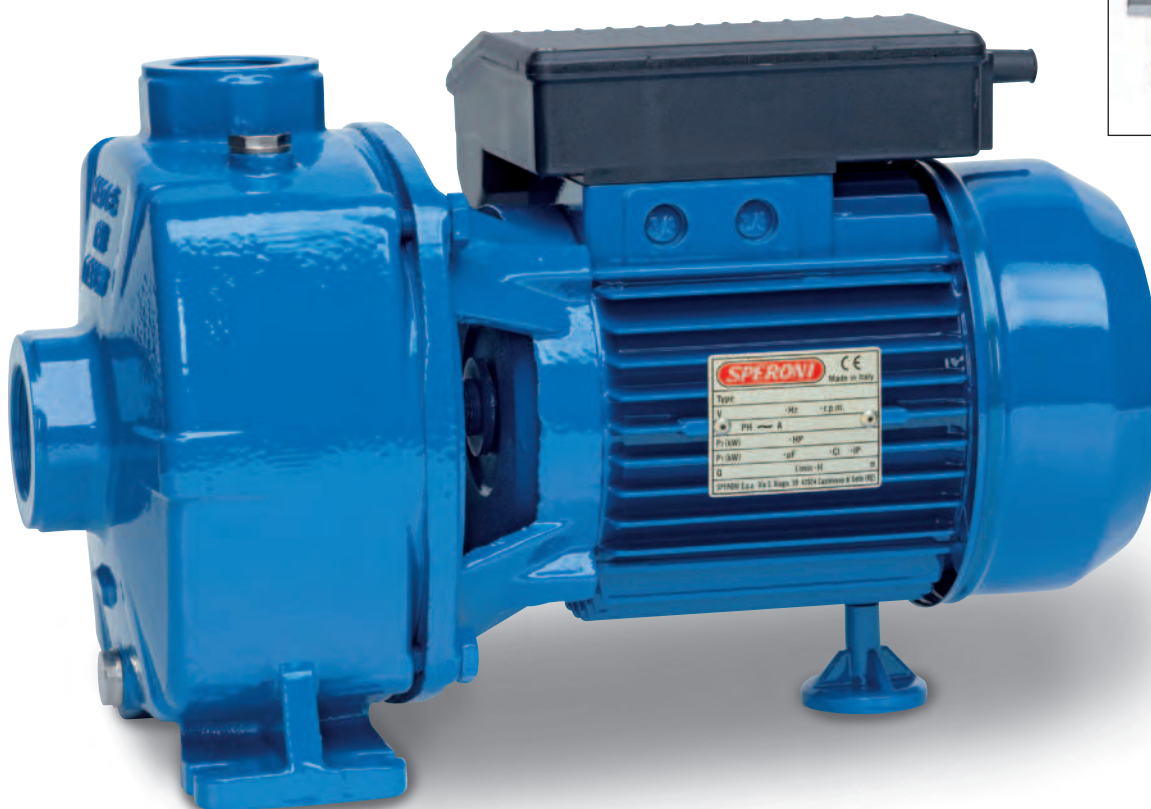
| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |    |     |     |     |     |      |     | DIMENSIONES<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |      |
|----------------------------|--------------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|------|-----|---------------------------------|----------------|-----|------|
|                            | A                              | B   | C   | D   | E   | F  | G   | H   | H1  | H2  | DNA  | DNM |                                 |                |     |      |
| Monofásico<br>Single-phase |                                |     |     |     |     |    |     |     |     |     |      |     | P                               | L              | H   | Kg   |
| <b>CAM 100/60</b>          | 173                            | 295 | 748 | 380 | 305 | 11 | 145 | 670 | 551 | 215 | 1"   | 1"  | 400                             | 775            | 730 | 31,5 |
| <b>CAM 152/60</b>          | 173                            | 295 | 748 | 380 | 305 | 11 | 171 | 698 | 603 | 215 | 1" ¼ | 1"  | 400                             | 775            | 730 | 44,6 |

### APLICACIONES

Electrobombas centrífugas de dos rodetes indicadas para aspiraciones de hasta 7 m. Adecuadas para usos civiles e industriales, para subir agua limpia y líquidos químicamente no agresivos. Especialmente adecuadas para instalaciones de presurización.

### APPLICATION

*Twin impeller centrifugal water pumps for suction up to 7 mt. Suitable for civil and industrial purposes and to drain clean water and non-aggressive liquid. Particularly suitable for high pressure systems.*



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                      |
|---------------------|----------------------|
| - Cuerpo bomba      | Fundición            |
| - Soporte del motor | Fundición            |
| - Rodete            | Noryl                |
| - Difusor           | Noryl                |
| - Eje del motor     | Acero inoxidable     |
| - Juntas mecánicas  | Cerámica/Grafito/NBR |

### OPERATING CONDITIONS

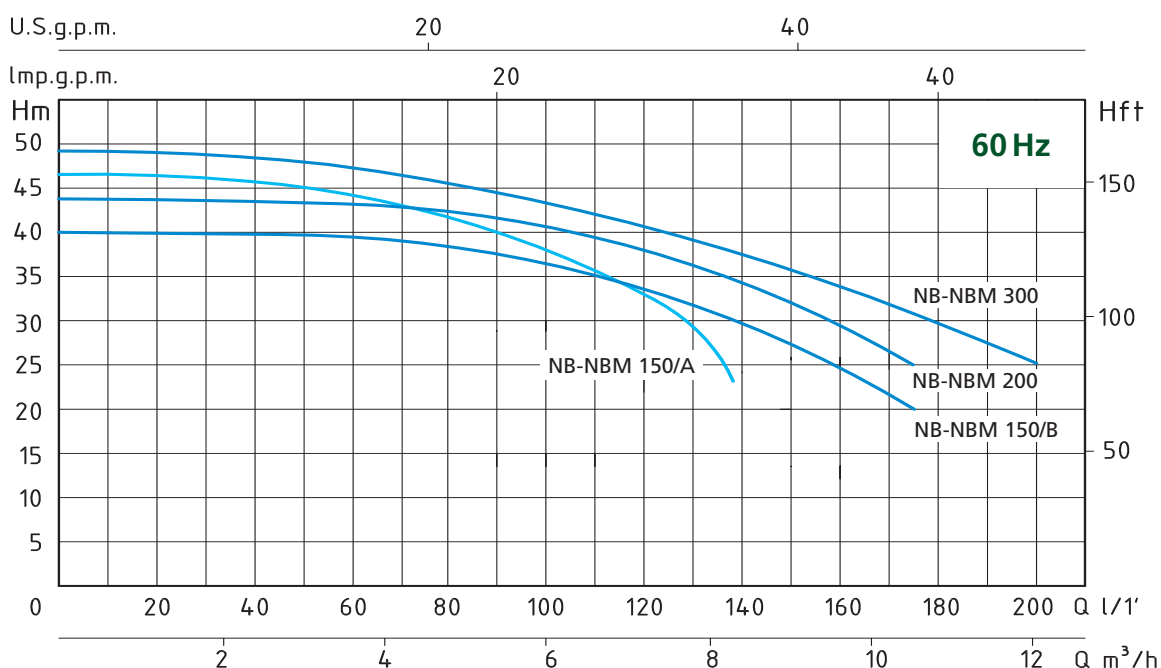
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

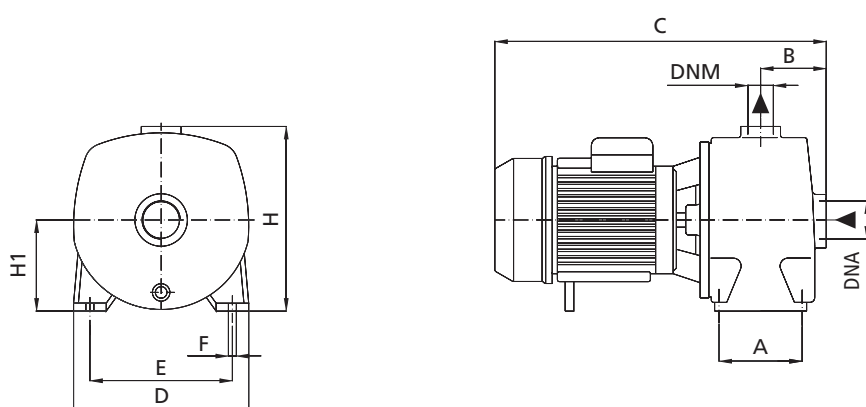
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                      |
|--------------------|----------------------|
| - Pump body        | Cast Iron            |
| - Motor Support    | Cast Iron            |
| - Impeller         | Noryl                |
| - Diffuser         | Noryl                |
| - Shaft with rotor | Stainless Steel      |
| - Mechanical seal  | Ceramic/Graphite/NBR |



| TIPO TYPE               |                       | POTENCIA NOMINAL NOMINAL POWER |     | POTENCIA ABSORBIDA INPUT POWER | AMPERIO AMPERE          |                       | Q = CAPACIDAD - CAPACITY   |    |      |      |      |      |      |     |      |      |     |  |
|-------------------------|-----------------------|--------------------------------|-----|--------------------------------|-------------------------|-----------------------|--|----|------|------|------|------|------|-----|------|------|-----|--|
| Monofásico Single-phase | Trifásico Three-phase | P2                             |     | P1                             | Monofásico Single-phase | Trifásico Three-phase | m³/h   | 0  | 1,5  | 3    | 4,5  | 5,4  | 6    | 7,5 | 9    | 10,5 | 12  |  |
| 220V-60Hz               | 220/380V-60Hz         | HP                             | kW  | kW                             | 1 x 220V                | 3 x 380V              | lt/1'  | 0  | 25   | 50   | 75   | 90   | 100  | 125 | 150  | 175  | 200 |  |
| NBM 150/A               | NB 150/A              | 1,5                            | 1,1 | 2                              | 8,8                     | 4                     | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |    |      |      |      |      |      |     |      |      |     |  |
| NBM 150/B               | NB 150/B              | 1,5                            | 1,1 | 2                              | 8,8                     | 4                     | H (m)  | 46 | 45   | 44   | 42   | 40   | 38   | 31  |      |      |     |  |
| NBM 200                 | NB 200                | 2                              | 1,5 | 2,3                            | 10,5                    | 4,7                   |  | 40 | 39,5 | 39   | 38   | 37   | 36   | 32  | 27   | 20   |     |  |
| NBM 300                 | NB 300                | 3                              | 2,2 | 3                              | 13,5                    | 5,2                   |  | 44 | 43,8 | 43,5 | 42,5 | 41,5 | 40,5 | 37  | 32   | 25   |     |  |
|                         |                       |                                |     |                                |                         |                       |  | 49 | 48   | 47   | 46,5 | 46,3 | 46   | 43  | 38,5 | 32   | 25  |  |



| TIPO TYPE               |                       | DIMENSIONES mm - DIMENSIONS mm |      |     |     |     |    |     |     |        |        | DIMENSIONES DIMENSIONS mm |     |     | PESO WEIGHT |
|-------------------------|-----------------------|--------------------------------|------|-----|-----|-----|----|-----|-----|--------|--------|---------------------------|-----|-----|-------------|
| Monofásico Single-phase | Trifásico Three-phase | A                              | B    | C   | D   | E   | F  | H   | H1  | DNA    | DNM    | P                         | L   | H   | Kg          |
| NBM 150/A               | NB 150/A              | 108                            | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" 1/2 | 1" 1/4 | 235                       | 490 | 295 | 21,9        |
| NBM 150/B               | NB 150/B              | 108                            | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" 1/2 | 1" 1/4 | 235                       | 490 | 295 | 21,9        |
| NBM 200                 | NB 200                | 108                            | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" 1/2 | 1" 1/4 | 235                       | 490 | 295 | 24,5        |
| NBM 300                 | NB 300                | 108                            | 76,5 | 444 | 200 | 160 | 10 | 237 | 114 | 1" 1/2 | 1" 1/4 | 235                       | 490 | 295 | 25,3        |

# NBM-BR

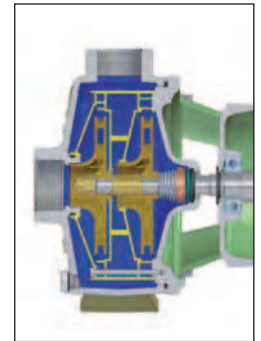
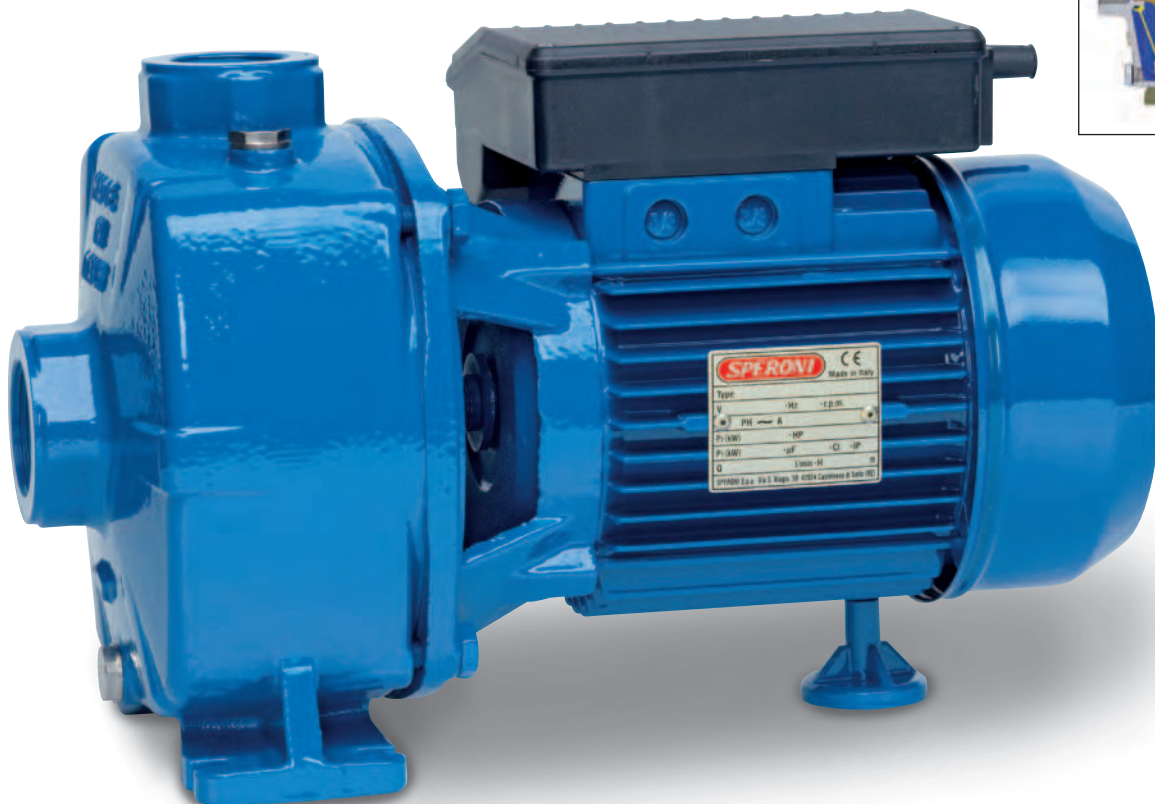
## ELECTROBOMBAS CENTRÍFUGAS DE DOS RODETES DE LATÓN

### APLICACIONES

Electrobombas centrífugas de dos rodets indicadas para aspiraciones de hasta 7 m. Adecuadas para usos civiles e industriales, para subir agua limpia y líquidos químicamente no agresivos. Especialmente adecuadas para instalaciones de presurización.

### APPLICATION

Twin impeller centrifugal water pumps for suction up to 7 mt. Suitable for civil and industrial purposes and to drain clean water and non-aggressive liquid. Particularly suitable for high pressure systems.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                      |
|---------------------|----------------------|
| - Cuerpo bomba      | Fundición            |
| - Soporte del motor | Fundición            |
| - Rodete            | Latón                |
| - Difusor           | Noryl                |
| - Eje motor         | Acero inoxidable     |
| - Juntas mecánicas  | Cerámica/Grafito/NBR |

### OPERATING CONDITIONS

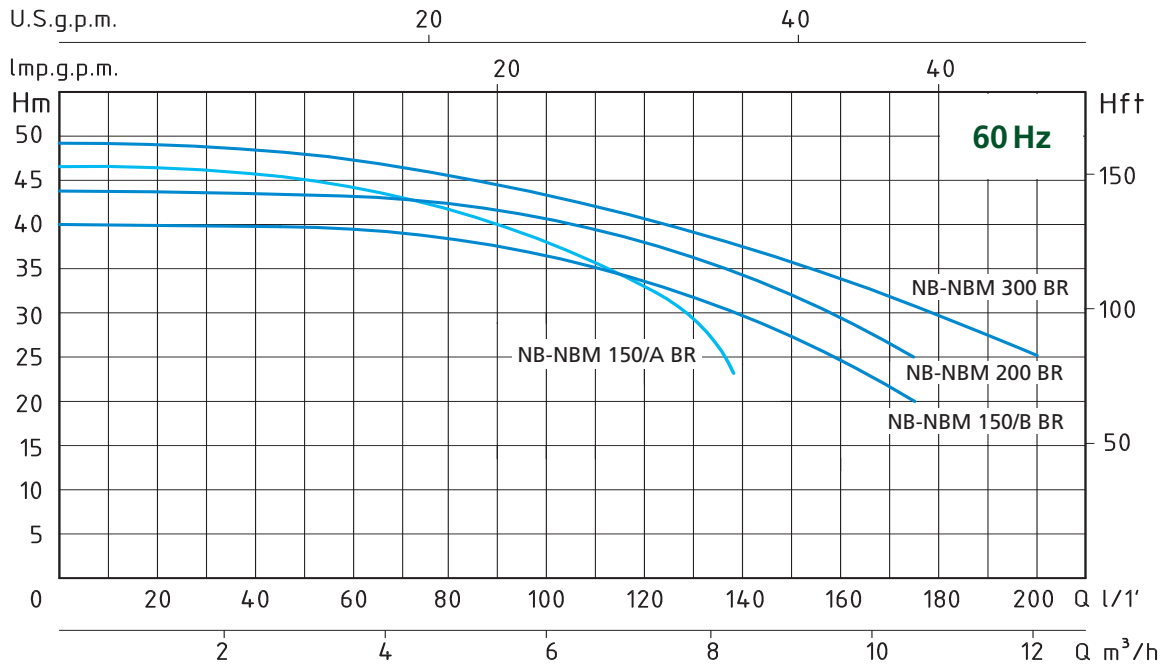
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

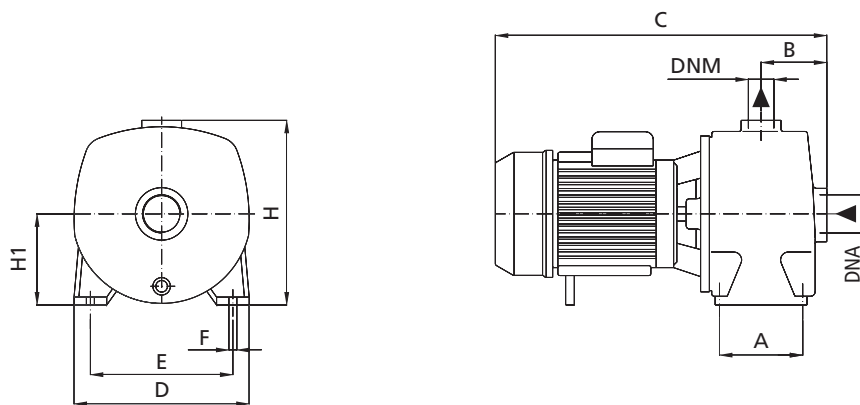
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                      |
|--------------------|----------------------|
| - Pump body        | Cast Iron            |
| - Motor Support    | Cast Iron            |
| - Impeller         | Brass                |
| - Diffuser         | Noryl                |
| - Shaft with rotor | Stainless Steel      |
| - Mechanical seal  | Ceramic/Graphite/NBR |



| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |    |      |      |      |      |      |     |      |      |     |  |
|----------------------------|--------------------------|---|-----|---|----------------------------|--------------------------|--|----|------|------|------|------|------|-----|------|------|-----|--|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                      |     | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |    |      |      |      |      |      |     |      |      |     |  |
|                            |                          | HP                                      | KW  | KW                                      | 1 x 220V                   | 3 x 380V                 | m³/h   | 0  | 1,5  | 3    | 4,5  | 5,4  | 6    | 7,5 | 9    | 10,5 | 12  |  |
| 220V-60Hz                  | 220/380V-60Hz            |   |     |   |                            |                          | lt/1'  | 0  | 25   | 50   | 75   | 90   | 100  | 125 | 150  | 175  | 200 |  |
| NBM 150/A BR               | NB 150/A BR              | 1,5                                     | 1,1 | 2                                       | 8,8                        | 4                        | H<br>(m)   | 46 | 45   | 44   | 42   | 40   | 38   | 31  |      |      |     |  |
| NBM 150/B BR               | NB 150/B BR              | 1,5                                     | 1,1 | 2                                       | 8,8                        | 4                        |  | 40 | 39,5 | 39   | 38   | 37   | 36   | 32  | 27   | 20   |     |  |
| NBM 200 BR                 | NB 200 BR                | 2                                       | 1,5 | 2,3                                     | 10,5                       | 4,7                      |  | 44 | 43,8 | 43,5 | 42,5 | 41,5 | 40,5 | 37  | 32   | 25   |     |  |
| NBM 300 BR                 | NB 300 BR                | 3                                       | 2,2 | 3                                       | 13,5                       | 5,2                      |  | 49 | 48   | 47   | 46,5 | 46,3 | 46   | 43  | 38,5 | 32   | 25  |  |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |      |     |     |     |    |     |     |        |        | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|------|-----|-----|-----|----|-----|-----|--------|--------|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | B    | C   | D   | E   | F  | H   | H1  | DNA    | DNM    | P                               | L   | H   | Kg             |
| NBM 150/A BR               | NB 150/A BR              | 108                            | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" 1/2 | 1" 1/4 | 235                             | 490 | 295 | 22             |
| NBM 150/B BR               | NB 150/B BR              | 108                            | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" 1/2 | 1" 1/4 | 235                             | 490 | 295 | 22             |
| NBM 200 BR                 | NB 200 BR                | 108                            | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" 1/2 | 1" 1/4 | 235                             | 490 | 295 | 25             |
| NBM 300 BR                 | NB 300 BR                | 108                            | 76,5 | 444 | 200 | 160 | 10 | 237 | 114 | 1" 1/2 | 1" 1/4 | 235                             | 490 | 295 | 26             |

### APLICACIONES

Las electrobombas centrífugas de multirodete con eje horizontal desarrollan una gran presión y al mismo tiempo un caudal alto de agua con un consumo de energía reducido. Por el bajo nivel de ruido y las óptimas características hidráulicas se utilizan en instalaciones domésticas, zonas pequeñas de riego por aspersión, lavado de vehículos y para el montaje de grupos de presión (autoclaves).

### APPLICATION

Centrifugal horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44

### MATERIALES

- |                      |                           |
|----------------------|---------------------------|
| - Cuerpo bomba       | Fundición                 |
| - Soporte del motor  | Fundición                 |
| - Rodete             | Noryl                     |
| - Difusores          | Noryl                     |
| - Camisa de la bomba | Acero inoxidable AISI 304 |
| - Eje motor          | Acero inoxidable AISI 304 |
| - Juntas mecánicas   | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

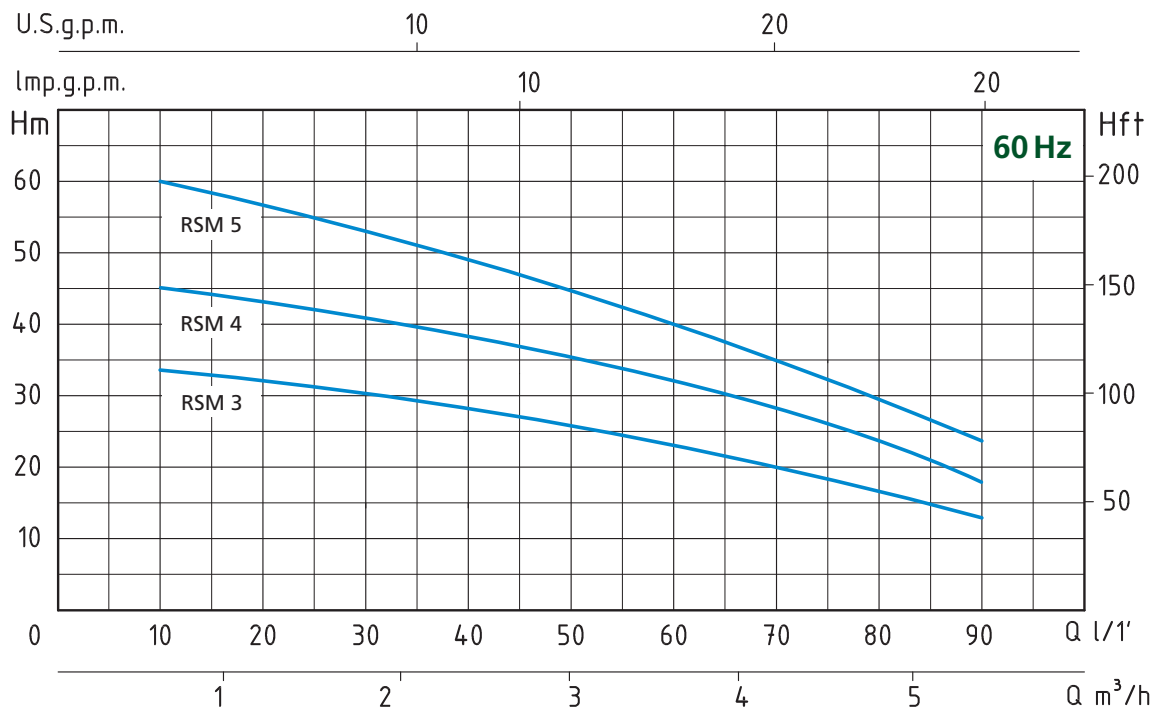
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

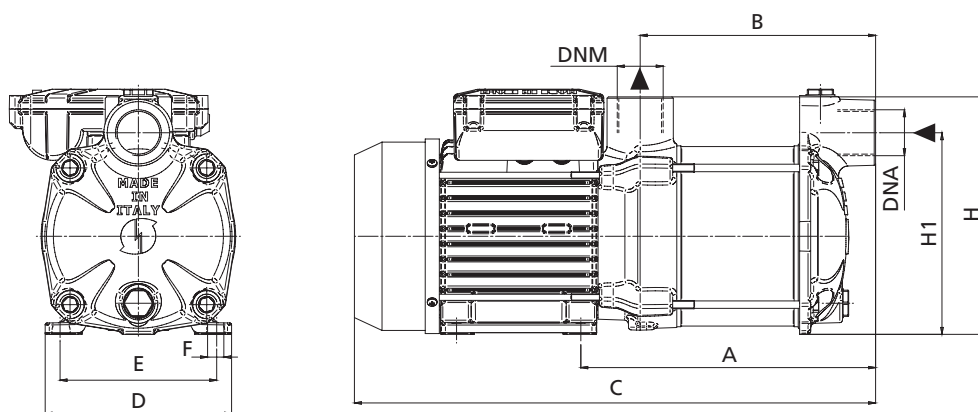
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor support    | Cast Iron                |
| - Impeller         | Noryl                    |
| - Diffusers        | Noryl                    |
| - Pump casing      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE | Q = CAPACIDAD - CAPACITY   |      |     |     |     |     |     |     |     |     |
|--------------|---|-----|---|-------------------|--|------|-----|-----|-----|-----|-----|-----|-----|-----|
|              | Monofásico<br>Single-phase              | P2  |   | P1                | Monofásico<br>Single-phase   | m³/h | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,2 | 4,5 | 4,8 |
| 220V-60Hz    | HP                                      | kW  | kW                                      | 1 x 220V          | lt/1'  | 10   | 20  | 30  | 45  | 60  | 70  | 75  | 80  | 90  |
| RSM 3        | 0,8                                     | 0,6 | 0,8                                     | 3,5               | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |     |     |     |     |     |     |     |
| RSM 4        | 1                                       | 0,7 | 1                                       | 4,8               | H<br>(m)   | 34   | 33  | 31  | 28  | 23  | 20  | 18  | 15  | 13  |
| RSM 5        | 1,5                                     | 1,1 | 1,4                                     | 6,2               |  | 45   | 44  | 43  | 38  | 33  | 29  | 25  | 21  | 18  |
|              |   |     |   |                   |  | 60   | 56  | 53  | 47  | 40  | 37  | 33  | 28  | 24  |

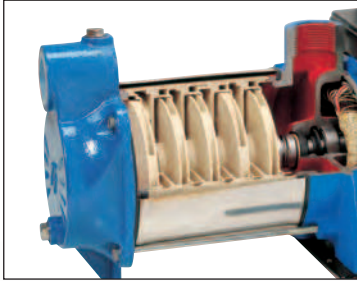


| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |   |     |     |                      |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|-----|-----|-----|-----|---|-----|-----|----------------------|-----|-----|---------------------------------|-----|-----|----------------------|
|                            | A                              | B   | C   | D   | E   | F | H   | H1  | Rodetes<br>Impellers | DNA | DNM | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |     |     |     |     |   |     |     |                      |     |     |                                 |     |     |                      |
| RSM 3                      | 214                            | 170 | 378 | 135 | 112 | 7 | 172 | 112 | 3                    | 1"  | 1"  | 184                             | 464 | 202 | 12,3                 |
| RSM 4                      | 238                            | 194 | 402 | 135 | 112 | 7 | 172 | 112 | 4                    | 1"  | 1"  | 184                             | 464 | 202 | 13,8                 |
| RSM 5                      | 262                            | 218 | 426 | 135 | 112 | 7 | 172 | 112 | 5                    | 1"  | 1"  | 184                             | 464 | 202 | 13,9                 |



### APLICACIONES

Las electrobombas centrífugas de multirodete con eje horizontal desarrollan una gran presión y al mismo tiempo un caudal alto de agua con un consumo de energía reducido. Por el bajo nivel de ruido y las óptimas características hidráulicas se utilizan en instalaciones domésticas, zonas pequeñas de riego por aspersión, lavado de vehículos y para el montaje de grupos de presión (autoclaves).



### APPLICATION

Centrifugal horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                      |                           |
|----------------------|---------------------------|
| - Cuerpo bomba       | Fundición                 |
| - Soporte del motor  | Fundición                 |
| - Rodete             | Noryl                     |
| - Difusores          | Noryl                     |
| - Camisa de la bomba | Acero inoxidable AISI 304 |
| - Eje motor          | Acero inoxidable AISI 304 |
| - Juntas mecánicas   | Silicio/Silicio/NBR       |

### OPERATING CONDITIONS

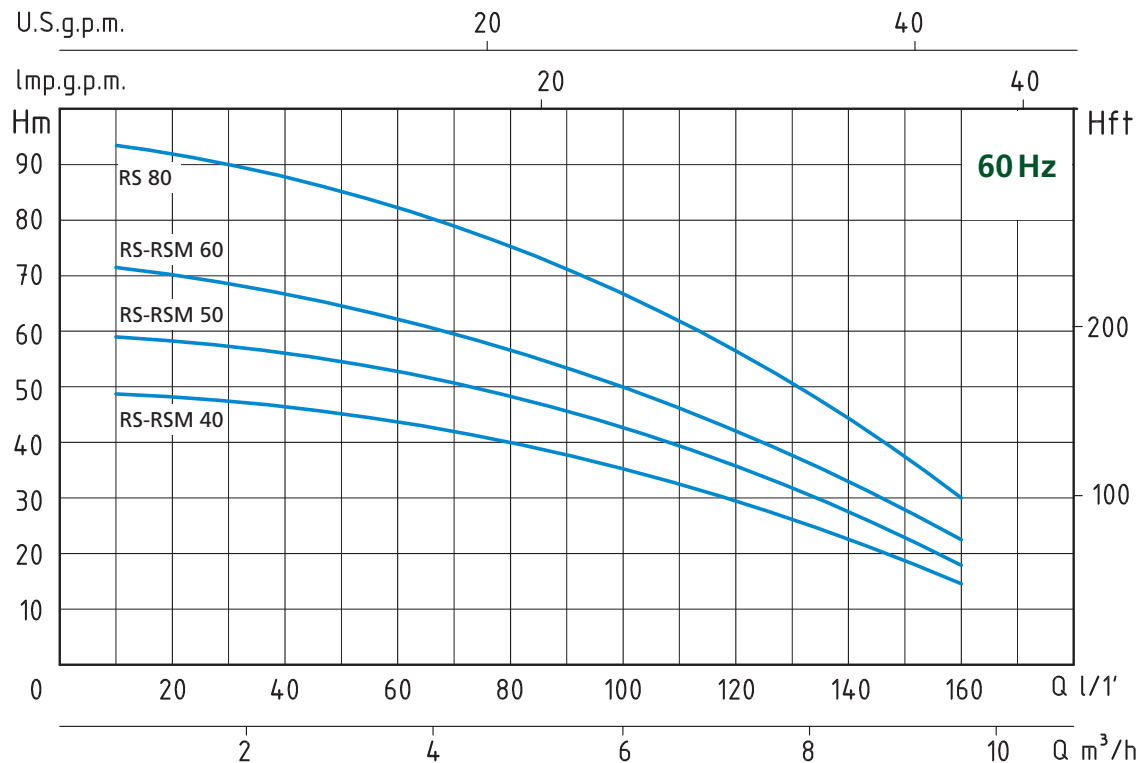
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

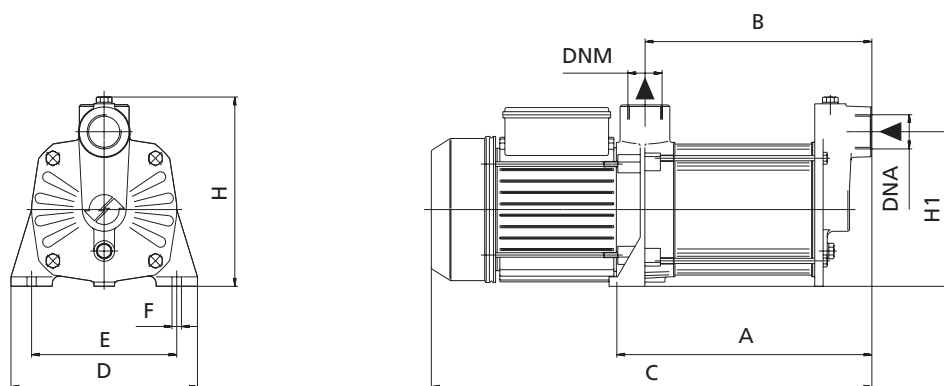
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor support    | Cast Iron                |
| - Impeller         | Noryl                    |
| - Diffusers        | Noryl                    |
| - Pump casing      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Silicon/Silicon/NBR      |



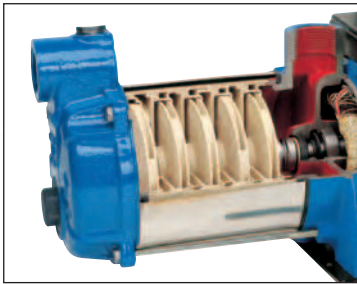
| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |     |     |     |     |     |     |     |     |     |     |
|----------------------------|--------------------------|---|------|---|----------------------------|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                      |      | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |     |
|                            |                          | HP                                      | kW   | kW                                      |                            |                          | m³/h   | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,5 | 5,4 | 7,2 | 8,4 | 9,6 |
| 220V-60Hz                  | 220/380V-60Hz            |   |      |   | 1 x 220V                   | 3 x 380V                 | lt/1'  | 10  | 20  | 30  | 45  | 60  | 75  | 90  | 120 | 140 | 160 |
| RSM 40                     | RS 40                    | 2                                       | 1,5  | 2                                       | 9,3                        | 4,2                      | H<br>(m)   | 49  | 48  | 47  | 44  | 43  | 40  | 37  | 30  | 23  | 15  |
| RSM 50                     | RS 50                    | 2,5                                     | 1,85 | 2,2                                     | 10                         | 4,6                      |  | 59  | 57  | 56  | 55  | 52  | 48  | 44  | 34  | 25  | 18  |
| RSM 60                     | RS 60                    | 3                                       | 2,2  | 2,7                                     | 12                         | 5,3                      |  | 71  | 68  | 67  | 65  | 64  | 58  | 53  | 41  | 32  | 22  |
|                            | RS 80                    | 4                                       | 3    | 3,5                                     |                            | 6,6                      |  | 95  | 92  | 90  | 88  | 83  | 78  | 73  | 58  | 46  | 30  |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |    |     |     |                      |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|-----|-----|-----|-----|----|-----|-----|----------------------|-----|-----|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | B   | C   | D   | E   | F  | H   | H1  | Rodetes<br>Impellers | DNA | DNM | P                               | L   | H   | Kg             |
| RSM 40                     | RS 40                    | 269                            | 228 | 514 | 194 | 150 | 13 | 242 | 189 | 4                    | 1"¼ | 1"  | 226                             | 530 | 278 | 23,4           |
| RSM 50                     | RS 50                    | 298                            | 257 | 543 | 194 | 150 | 13 | 242 | 189 | 5                    | 1"¼ | 1"  | 240                             | 610 | 285 | 24,6           |
| RSM 60                     | RS 60                    | 327                            | 286 | 572 | 194 | 150 | 13 | 242 | 189 | 6                    | 1"¼ | 1"  | 240                             | 610 | 285 | 27,4           |
|                            | RS 80                    | 385                            | 344 | 630 | 194 | 150 | 13 | 242 | 189 | 8                    | 1"¼ | 1"  | 235                             | 675 | 290 | 27,9           |

### APLICACIONES

Las electrobombas autocebantes de multirodete con eje horizontal desarrollan una gran presión y al mismo tiempo un caudal alto de agua con un consumo de energía reducido. Por el bajo nivel de ruido y las óptimas características hidráulicas se utilizan en instalaciones domésticas, zonas pequeñas de riego por aspersión, lavado de vehículos y para el montaje de grupos de presión (autoclaves).



### APPLICATION

Selfpriming horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 44 (3-4-5)
- Protección IP 55 (40-50)

### MATERIALES

- |                            |                           |
|----------------------------|---------------------------|
| - Cuerpo bomba             | Fundición                 |
| - Soporte del motor        | Fundición                 |
| - Rodete                   | Noryl                     |
| - Difusores                | Noryl                     |
| - Camisa de la bomba       | Acero inoxidable AISI 304 |
| - Eje motor                | Acero inoxidable AISI 304 |
| - Juntas mecánicas (3-4-5) | Cerámica/Grafito/NBR      |
| - Juntas mecánicas (40-50) | Silicio/Silicio/NBR       |

### OPERATING CONDITIONS

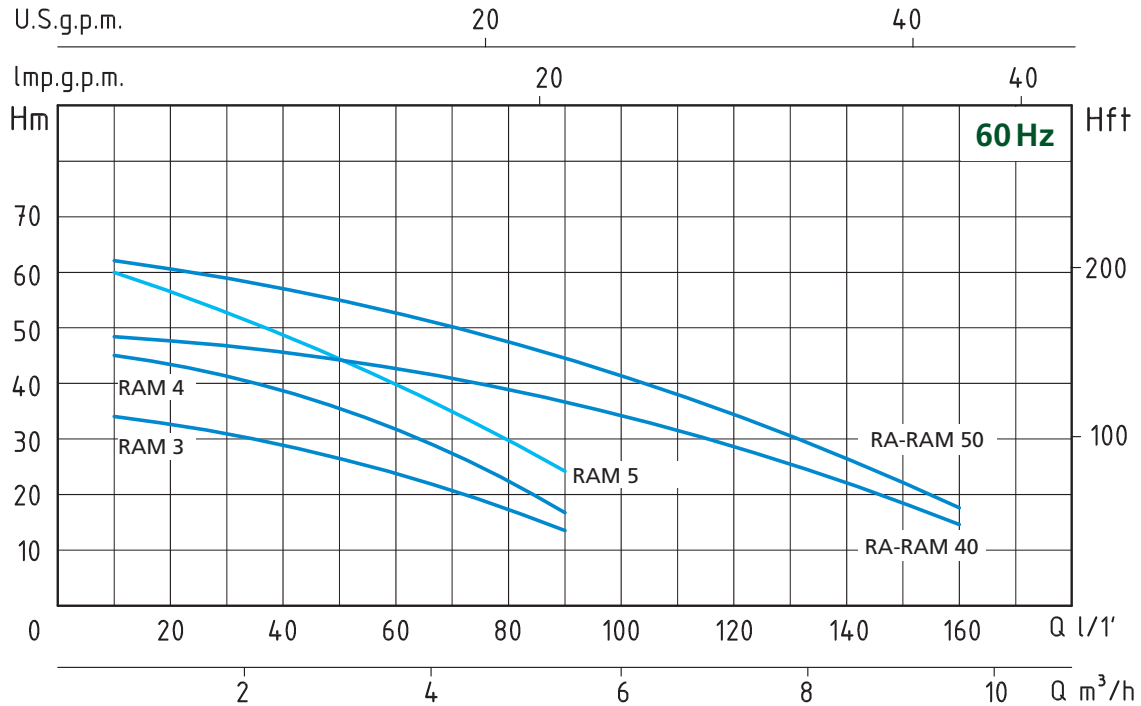
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

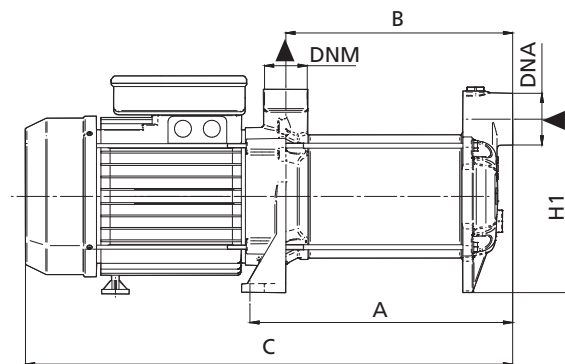
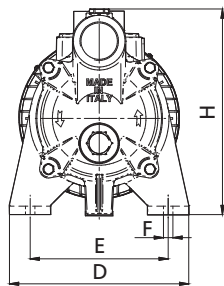
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44 (3-4-5)
- Protection IP 55 (40-50)

### MATERIALS

- |                           |                          |
|---------------------------|--------------------------|
| - Pump body               | Cast Iron                |
| - Motor support           | Cast Iron                |
| - Impeller                | Noryl                    |
| - Diffusers               | Noryl                    |
| - Pump casing             | Stainless Steel AISI 304 |
| - Shaft with rotor        | Stainless Steel AISI 304 |
| - Mechanical seal (3-4-5) | Ceramic/Graphite/NBR     |
| - Mechanical seal (40-50) | Silicon/Silicon/NBR      |



| TIPO TYPE               |                       | POTENCIA NOMINAL NOMINAL POWER |     | POTENCIA ABSORBIDA INPUT POWER | AMPERIO AMPERE          |                       | Q = CAPACIDAD - CAPACITY   |     |     |     |     |     |     |     |     |     |     |
|-------------------------|-----------------------|--------------------------------|-----|--------------------------------|-------------------------|-----------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Monofásico Single-phase | Trifásico Three-phase | P2                             |     | P1                             | Monofásico Single-phase | Trifásico Three-phase | m³/h   | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,5 | 5,4 | 7,2 | 8,4 | 9,6 |
| 220V-60Hz               | 220/380V-60Hz         | HP                             | kW  | kW                             | 1 x 220V                | 3 x 380V              | lt/1'  | 10  | 20  | 30  | 45  | 60  | 75  | 90  | 120 | 140 | 160 |
| RAM 3                   |                       | 0,8                            | 0,6 | 0,8                            | 3,6                     |                       | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |     |
| RAM 4                   |                       | 1                              | 0,7 | 1,1                            | 5                       |                       | H (m)  | 34  | 33  | 31  | 28  | 23  | 18  | 13  |     |     |     |
| RAM 5                   |                       | 1,5                            | 1,1 | 1,4                            | 6,2                     |                       |  | 45  | 44  | 43  | 38  | 33  | 25  | 18  |     |     |     |
| RAM 40                  | RA 40                 | 2                              | 1,5 | 2                              | 9,3                     | 4,2                   |  | 60  | 56  | 53  | 47  | 40  | 33  | 24  |     |     |     |
| RAM 50                  | RA 50                 | 2,5                            | 1,9 | 2,5                            | 11,5                    | 4,8                   |  | 49  | 48  | 47  | 46  | 43  | 40  | 37  | 28  | 23  | 15  |
|                         |                       |                                |     |                                |                         |                       |  | 61  | 60  | 58  | 57  | 53  | 48  | 45  | 35  | 26  | 18  |



| TIPO TYPE               |                       | DIMENSIONES mm - DIMENSIONS mm |       |     |     |     |     |     |     |                   |     | DIMENSIONES DIMENSIONS mm |     |     | PESO WEIGHT |      |
|-------------------------|-----------------------|--------------------------------|-------|-----|-----|-----|-----|-----|-----|-------------------|-----|---------------------------|-----|-----|-------------|------|
| Monofásico Single-phase | Trifásico Three-phase | A                              | B     | C   | D   | E   | F   | H   | H1  | Rodetes Impellers | DNA | DNM                       | P   | L   | H           | Kg   |
| RAM 3                   |                       | 214                            | 170   | 358 | 120 | 100 | 7   | 150 | 112 | 3                 | 1"  | 1"                        | 190 | 478 | 196         | 12,4 |
| RAM 4                   |                       | 238                            | 194   | 382 | 120 | 100 | 7   | 150 | 112 | 4                 | 1"  | 1"                        | 190 | 478 | 196         | 13,9 |
| RAM 5                   |                       | 262                            | 238   | 446 | 180 | 140 | 9,5 | 185 | 150 | 5                 | 1"  | 1"                        | 190 | 478 | 196         | 14,9 |
| RAM 40                  | RA 40                 | 277                            | 246,5 | 533 | 194 | 150 | 13  | 242 | 189 | 4                 | 1"¼ | 1"                        | 240 | 610 | 285         | 23,8 |
| RAM 50                  | RA 50                 | 306                            | 275,5 | 562 | 194 | 150 | 13  | 242 | 189 | 5                 | 1"¼ | 1"                        | 240 | 610 | 285         | 24,9 |

### APLICACIONES

Las electrobombas centrífugas multiestadio con eje vertical desarrollan una gran presión y al mismo tiempo un caudal alto de agua con un consumo de energía reducido.

Electrobomba universal para aplicaciones civiles e industriales para instalaciones de lavado, de media presión, para riego, para la agricultura, para instalaciones deportivas y para uso doméstico.

Adecuadas para aplicaciones en instalaciones de presurización.



### APPLICATION

Centrifugal vertical multistage water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Universal pump for civil and industrial purposes, for medium pressure system, for irrigation in agriculture, sports fittings and domestic use.

Particularly suitable for high pressure systems.

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                      |                           |
|----------------------|---------------------------|
| - Cuerpo bomba       | Fundición                 |
| - Soporte del motor  | Fundición                 |
| - Rodete             | Noryl                     |
| - Difusor            | Noryl                     |
| - Camisa de la bomba | Acero inoxidable AISI 304 |
| - Eje motor          | Acero inoxidable AISI 304 |
| - Juntas mecánicas   | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

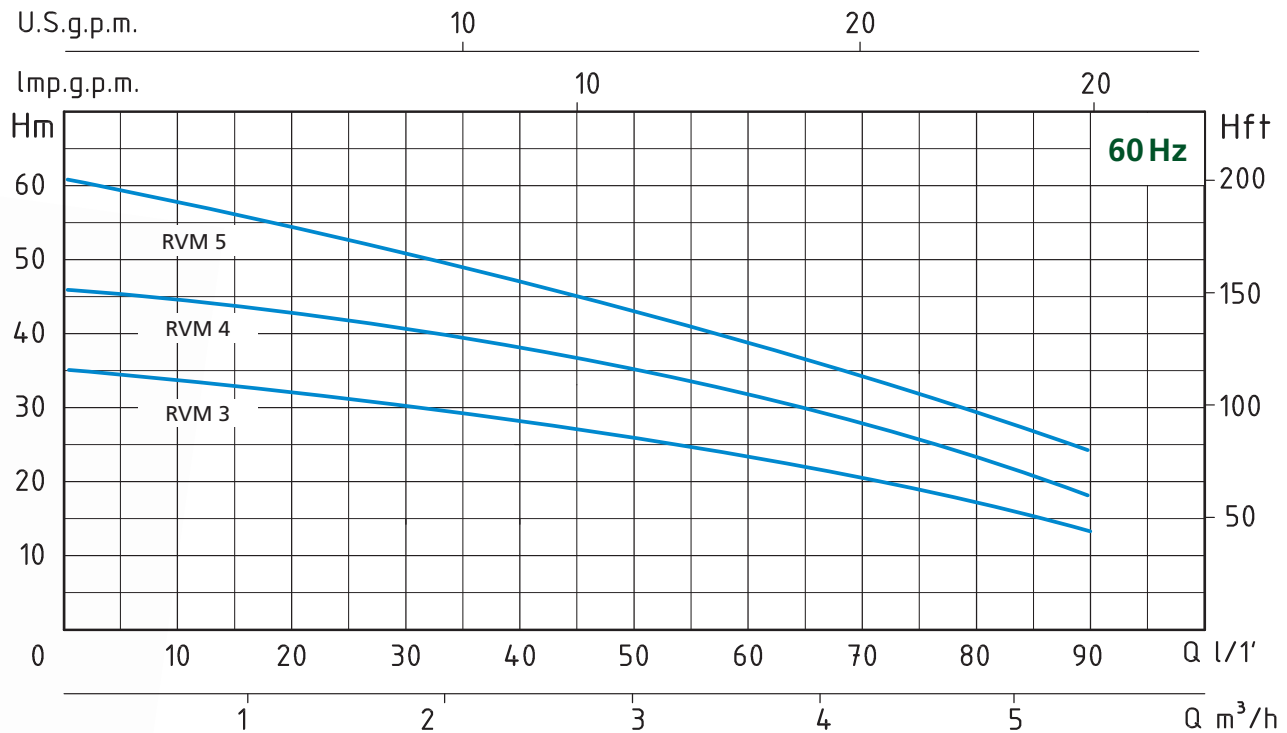
### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

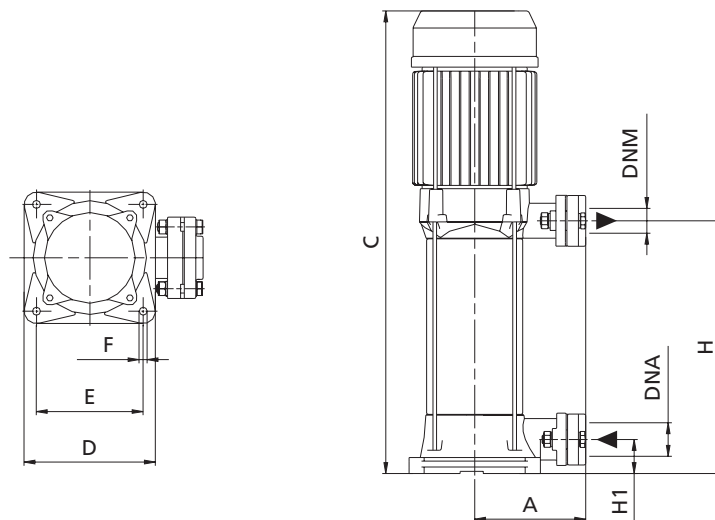
### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Noryl                    |
| - Diffuser         | Noryl                    |
| - Pump casing      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |





| TIPO<br>TYPE               | POTENCIA NOMINAL<br>NOMINAL POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Q = CAPACIDAD - CAPACITY   |    |     |     |     |     |    |     |     |     |     |
|----------------------------|-----------------------------------|-----|---|----------------------------|--|----|-----|-----|-----|-----|----|-----|-----|-----|-----|
|                            | HP                                | kW  | kW                                      | Monofásico<br>Single-phase | m³/h   | 0  | 0,6 | 1,2 | 1,8 | 2,4 | 3  | 3,6 | 4,2 | 4,8 | 5,4 |
| Monofásico<br>Single-phase | P2                                |     | P1                                      | Monofásico<br>Single-phase | lt/1'  | 0  | 10  | 20  | 30  | 40  | 50 | 60  | 70  | 80  | 90  |
| 220V-60Hz                  |                                   |     |   | 1 x 220V                   | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |    |     |     |     |     |    |     |     |     |     |
| RVM 3                      | 0,8                               | 0,6 | 0,85                                    | 3,8                        | H<br>(m)   | 35 | 34  | 33  | 31  | 28  | 25 | 23  | 18  | 15  | 13  |
| RVM 4                      | 1                                 | 0,7 | 1                                       | 4,8                        |  | 46 | 45  | 44  | 43  | 38  | 35 | 33  | 25  | 21  | 18  |
| RVM 5                      | 1,5                               | 1,1 | 1,4                                     | 6,5                        |  | 61 | 60  | 56  | 53  | 47  | 44 | 40  | 33  | 28  | 24  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |       |     |     |   |     |    |                      |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|-------|-----|-----|---|-----|----|----------------------|-----|-----|---------------------------------|-----|-----|----------------------|
|                            | A                              | C     | D   | E   | F | H   | H1 | Rodetes<br>Impellers | DNA | DNM | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |       |     |     |   |     |    |                      |     |     |                                 |     |     |                      |
| RVM 3                      | 101                            | 373,5 | 154 | 101 | 9 | 170 | 30 | 3                    | 1"  | 1"  | 197                             | 456 | 208 | 12,7                 |
| RVM 4                      | 101                            | 397,5 | 154 | 101 | 9 | 200 | 30 | 4                    | 1"  | 1"  | 197                             | 456 | 208 | 14,2                 |
| RVM 5                      | 101                            | 421,5 | 154 | 101 | 9 | 218 | 30 | 5                    | 1"  | 1"  | 197                             | 456 | 208 | 15,1                 |

### APLICACIONES

Las electrobombas centrífugas multiestadio con eje vertical desarrollan una gran presión y al mismo tiempo un caudal alto de agua con un consumo de energía reducido. Electrobomba universal para aplicaciones civiles e industriales para instalaciones de lavado, de media presión, para riego, para la agricultura, para instalaciones deportivas y para uso doméstico.

Adecuadas para aplicaciones en instalaciones de presurización.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                      |                           |
|----------------------|---------------------------|
| - Cuerpo bomba       | Fundición                 |
| - Soporte del motor  | Fundición                 |
| - Rodete             | Noryl                     |
| - Difusor            | Noryl                     |
| - Camisa de la bomba | Acero inoxidable AISI 304 |
| - Eje motor          | Acero inoxidable AISI 304 |
| - Juntas mecánicas   | Silicio/Silicio/NBR       |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Noryl                    |
| - Diffuser         | Noryl                    |
| - Pump casing      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Silicon/Silicon/NBR      |

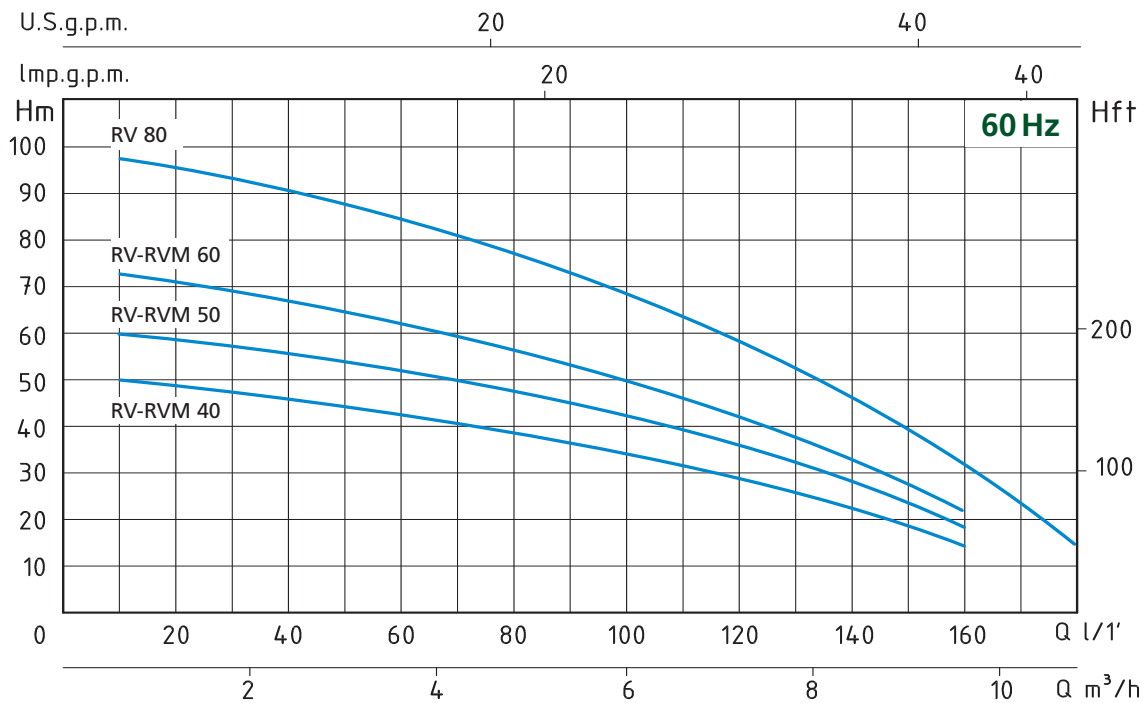
### APPLICATION

Centrifugal vertical multistage water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

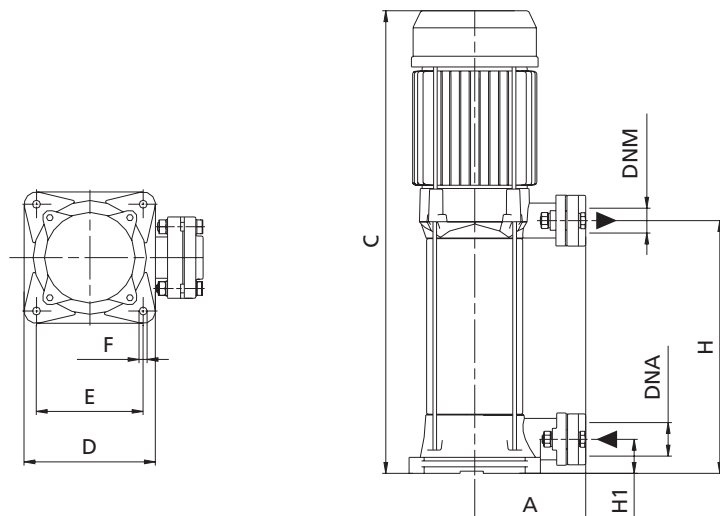
Universal pump for civil and industrial purposes, for medium pressure system, for irrigation in agriculture, sports fittings and domestic use.

Particularly suitable for high pressure systems.





| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |          |      |     |     |     |     |     |     |     |     |
|----------------------------|--------------------------|---|------|---|----------------------------|--------------------------|--|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                      |      | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |          |      |     |     |     |     |     |     |     |     |
|                            |                          | HP                                      | kW   | kW                                      |                            |                          | 1 x 220V   | 3 x 380V | m³/h | 0,6 | 1,2 | 2,4 | 3,6 | 4,8 | 6   | 7,2 | 8,4 |
| 220V-60Hz                  | 220/380V-60Hz            |   |      |   |                            |                          | lt/1'  | 10       | 20   | 40  | 60  | 80  | 100 | 120 | 140 | 160 | 180 |
| RVM 40                     | RV 40                    | 2                                       | 1,5  | 2                                       | 9,3                        | 4,2                      | H (m)  | 50       | 48   | 45  | 43  | 39  | 35  | 30  | 23  | 15  |     |
| RVM 50                     | RV 50                    | 2,5                                     | 1,85 | 2,2                                     | 10                         | 4,6                      |  | 60       | 57   | 54  | 52  | 47  | 41  | 34  | 25  | 18  |     |
| RVM 60                     | RV 60                    | 3                                       | 2,2  | 2,7                                     | 12                         | 5,3                      |  | 73       | 68   | 66  | 64  | 57  | 49  | 41  | 32  | 22  |     |
|                            | RV 80                    | 4                                       | 3    | 3,5                                     |                            | 6,6                      |  | 97       | 92   | 87  | 83  | 77  | 69  | 58  | 46  | 30  | 15  |

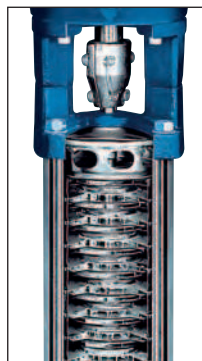


| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |     |     |     |    |     |    |                      |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |      |
|----------------------------|--------------------------|--------------------------------|-----|-----|-----|----|-----|----|----------------------|-----|---------------------------------|-----|-----|----------------|------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | C   | D   | E   | F  | H   | H1 | Rodetes<br>Impellers | DNA | DNM                             | P   | L   | H              | Kg   |
| RVM 40                     | RV 40                    | 156                            | 525 | 181 | 147 | 11 | 239 | 41 | 4                    | 1"¼ | 1"                              | 240 | 610 | 285            | 27,3 |
| RVM 50                     | RV 50                    | 156                            | 554 | 181 | 147 | 11 | 268 | 41 | 5                    | 1"¼ | 1"                              | 240 | 610 | 285            | 28,4 |
| RVM 60                     | RV 60                    | 156                            | 583 | 181 | 147 | 11 | 297 | 41 | 6                    | 1"¼ | 1"                              | 240 | 610 | 285            | 31,6 |
|                            | RV 80                    | 156                            | 641 | 181 | 147 | 11 | 355 | 41 | 8                    | 1"¼ | 1"                              | 240 | 610 | 285            | 31,9 |



### APLICACIONES

Electrobombas universales para aplicaciones civiles e industriales, para instalaciones de lavado a alta presión, para riego, agricultura, instalaciones deportivas, para fuentes y para desplazamiento de líquidos moderadamente agresivos sin sustancias sólidas o abrasivas.



### APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 110 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                      |                           |
|----------------------|---------------------------|
| - Cuerpo aspiración  | Acero inoxidable AISI 304 |
| - Cuerpo impulsión   | Acero inoxidable AISI 304 |
| - Rodete             | Acero inoxidable AISI 304 |
| - Camisa de la bomba | Acero inoxidable AISI 304 |
| - Tapa superior      | Acero inoxidable AISI 304 |
| - Tapa inferior      | Acero inoxidable AISI 304 |
| - Eje motor          | Acero inoxidable AISI 304 |
| - Juntas mecánicas   | Silicio/Silicio/Viton     |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

### MOTOR

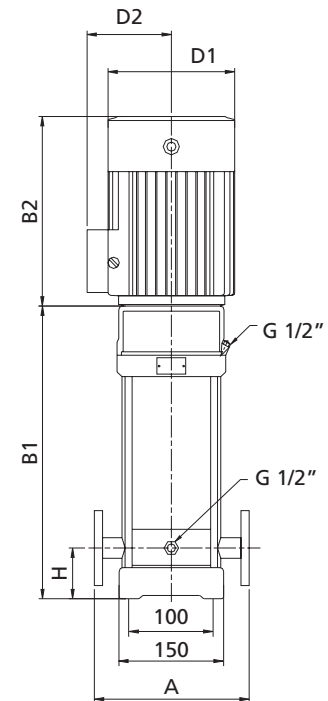
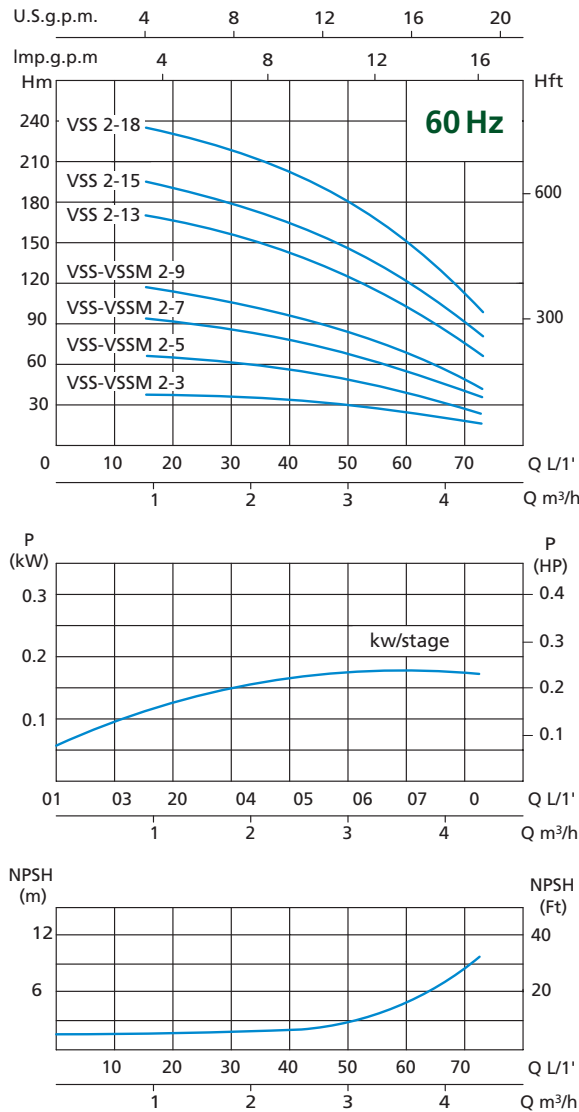
- Two-pole electric standard motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

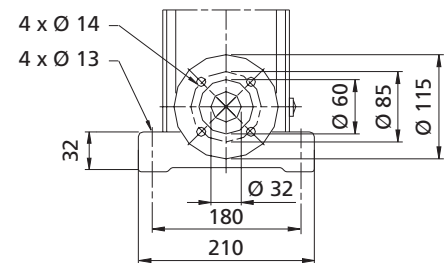
- |                   |                          |
|-------------------|--------------------------|
| - Suction casing  | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller        | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover     | Stainless Steel AISI 304 |
| - Lower cover     | Stainless Steel AISI 304 |
| - Pump shaft      | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Silicon/Viton    |



# VERTICAL MULTISTAGE STAINLESS STEEL PUMPS



DN 32 1" 1/4

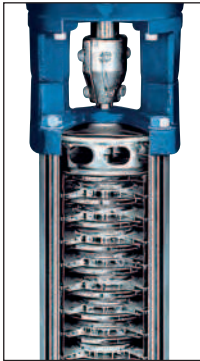


| TIPO<br>TYPE   |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY |          |     |     |     |      |     |     |     |    |
|--|--------------------------|---|------|----------------------------|--------------------------|--------------------------|----------|-----|-----|-----|------|-----|-----|-----|----|
| Monofásico<br>Single-phase   | Trifásico<br>Three-phase | P2                                      |      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | m³/h                     | 1        | 1,5 | 2   | 2,5 | 3    | 3,5 | 4   | 4,5 | 5  |
|  |                          | HP                                      | kW   |                            |                          | 1 x 220V                 | 3 x 380V | 16  | 25  | 33  | 41,5 | 50  | 58  | 66  | 75 |
| VSSM 2-3   | VSS 2-3                  | 1                                       | 0,75 | 4,4                        | 2,2                      | H<br>(m)                 | 39       | 36  | 33  | 31  | 27   | 24  | 19  | 15  |    |
| VSSM 2-5   | VSS 2-5                  | 1,5                                     | 1,1  | 6,9                        | 3                        |                          | 65       | 60  | 57  | 52  | 46   | 41  | 32  | 25  |    |
| VSSM 2-7   | VSS 2-7                  | 2                                       | 1,5  | 9,1                        | 4,2                      |                          | 91       | 86  | 81  | 74  | 66   | 57  | 47  | 35  |    |
| VSSM 2-9   | VSS 2-9                  | 3                                       | 2,2  | 12,4                       | 5,3                      |                          | 117      | 111 | 104 | 95  | 86   | 75  | 61  | 45  |    |
|  | VSS 2-13                 | 4                                       | 3    |                            | 6,6                      |                          | 171      | 163 | 152 | 139 | 126  | 108 | 90  | 66  |    |
|  | VSS 2-15                 | 4                                       | 3    |                            | 6,6                      |                          | 195      | 186 | 176 | 160 | 142  | 125 | 103 | 77  |    |
|  | VSS 2-18                 | 5,5                                     | 4    |                            | 9,4                      |                          | 234      | 228 | 212 | 195 | 171  | 151 | 126 | 94  |    |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                          |   |      |                            |                          |                          |          |     |     |     |      |     |     |     |    |

| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |         |     |     |         |     |     |                 | DIMENSIONES<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|---------|-----|-----|---------|-----|-----|-----------------|---------------------------------|------|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | H       | B1  | B2  | B1 + B2 | D1  | D2  | BRIDA<br>FLANGE | P                               | L    | H   | Kg             |
|                            |                          | VSSM 2-3                       | VSS 2-3 | 250 | 75  | 286     | 245 | 531 |                 |                                 |      |     |                |
| VSSM 2-5                   | VSS 2-5                  | 250                            | 75      | 322 | 245 | 567     | 170 | 142 | DN 32 1" 1/4    | 300                             | 750  | 300 | 26             |
| VSSM 2-7                   | VSS 2-7                  | 250                            | 75      | 368 | 290 | 658     | 170 | 155 | DN 32 1" 1/4    | 300                             | 750  | 300 | 32             |
| VSSM 2-9                   | VSS 2-9                  | 250                            | 75      | 404 | 290 | 694     | 190 | 155 | DN 32 1" 1/4    | 350                             | 950  | 350 | 36             |
|                            | VSS 2-13                 | 250                            | 75      | 486 | 315 | 831     | 197 | 165 | DN 32 1" 1/4    | 350                             | 950  | 350 | 44             |
|                            | VSS 2-15                 | 250                            | 75      | 522 | 315 | 867     | 197 | 165 | DN 32 1" 1/4    | 350                             | 950  | 350 | 45             |
|                            | VSS 2-18                 | 250                            | 75      | 576 | 335 | 931     | 230 | 185 | DN 32 1" 1/4    | 350                             | 1100 | 350 | 54             |

### APLICACIONES

Electrobombas universales para aplicaciones civiles e industriales, para instalaciones de lavado a alta presión, para riego, agricultura, instalaciones deportivas, para fuentes y para desplazamiento de líquidos moderadamente agresivos sin sustancias sólidas o abrasivas.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 110 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                      |                           |
|----------------------|---------------------------|
| - Cuerpo aspiración  | Acero inoxidable AISI 304 |
| - Cuerpo impulsión   | Acero inoxidable AISI 304 |
| - Rodete             | Acero inoxidable AISI 304 |
| - Camisa de la bomba | Acero inoxidable AISI 304 |
| - Tapa superior      | Acero inoxidable AISI 304 |
| - Tapa inferior      | Acero inoxidable AISI 304 |
| - Eje motor          | Acero inoxidable AISI 304 |
| - Juntas mecánicas   | Silicio/Silicio/Viton     |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

### MOTOR

- Two-pole electric standard motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

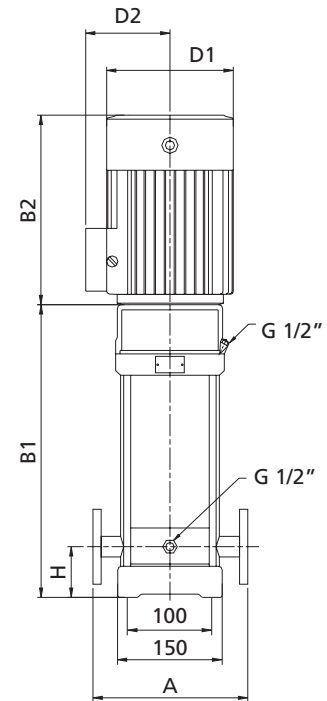
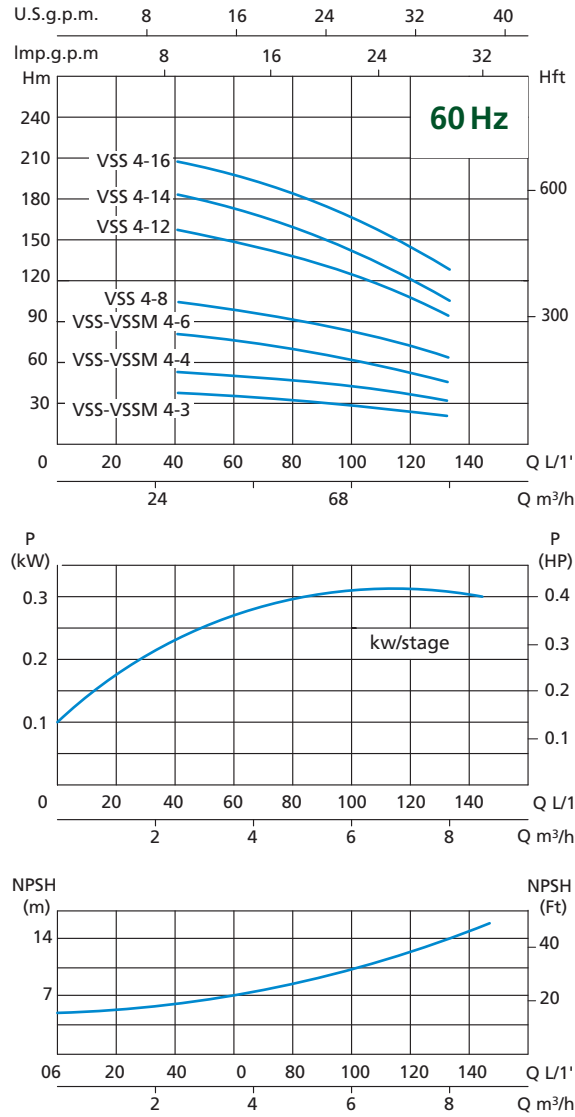
- |                   |                          |
|-------------------|--------------------------|
| - Suction casing  | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller        | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover     | Stainless Steel AISI 304 |
| - Lower cover     | Stainless Steel AISI 304 |
| - Pump shaft      | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Silicon/Viton    |

### APPLICATION

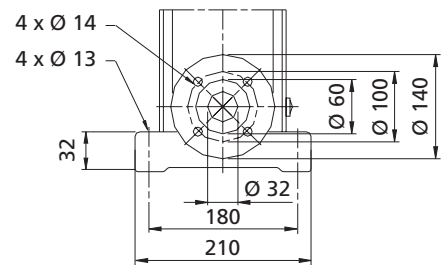
Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



# VERTICAL MULTISTAGE STAINLESS STEEL PUMPS



DN 32 1" 1/4



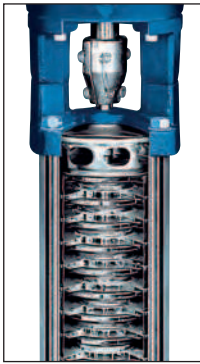
| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |     |
|----------------------------|--------------------------|---|-----|----------------------------|--------------------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                      |     | Monofásico<br>Single-phase | Trifásico<br>Three-phase | m³/h                     | 2,5 | 3   | 4   | 5   | 6   | 7   | 8   |
|                            |                          | HP                                      | kW  |                            |                          |                          |     |     |     |     |     |     |     |
| VSSM 4-3                   | VSS 4-3                  | 1,5                                     | 1,1 | 6,9                        | 3                        | H<br>(m)                 | 39  | 38  | 36  | 32  | 28  | 24  | 21  |
| VSSM 4-4                   | VSS 4-4                  | 2                                       | 1,5 | 9,1                        | 4,2                      |                          | 52  | 50  | 48  | 44  | 38  | 35  | 31  |
| VSSM 4-6                   | VSS 4-6                  | 3                                       | 2,2 | 12,4                       | 5,3                      |                          | 78  | 75  | 72  | 67  | 59  | 54  | 47  |
|                            | VSS 4-8                  | 4                                       | 3   |                            | 6,6                      |                          | 104 | 100 | 95  | 90  | 79  | 72  | 63  |
|                            | VSS 4-12                 | 5,5                                     | 4   |                            | 9,4                      |                          | 156 | 150 | 145 | 136 | 122 | 109 | 96  |
|                            | VSS 4-14                 | 7,5                                     | 5,5 |                            | 12                       |                          | 182 | 176 | 170 | 159 | 145 | 129 | 112 |
|                            | VSS 4-16                 | 7,5                                     | 5,5 |                            | 12                       |                          | 207 | 201 | 196 | 183 | 165 | 146 | 128 |

Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c.

| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |    |     |     |         |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |      | PESO<br>WEIGHT |    |
|----------------------------|--------------------------|--------------------------------|----|-----|-----|---------|-----|-----|---------------------------------|-----|------|----------------|----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | H  | B1  | B2  | B1 + B2 | D1  | D2  | BRIDA<br>FLANGE                 | P   | L    | H              | Kg |
|                            |                          |                                |    |     |     |         |     |     |                                 |     |      |                |    |
| VSSM 4-4                   | VSS 4-4                  | 250                            | 75 | 350 | 290 | 640     | 190 | 155 | DN 32 1" 1/4                    | 300 | 750  | 300            | 31 |
| VSSM 4-6                   | VSS 4-6                  | 250                            | 75 | 404 | 290 | 694     | 190 | 155 | DN 32 1" 1/4                    | 300 | 750  | 300            | 35 |
|                            | VSS 4-8                  | 250                            | 75 | 468 | 345 | 813     | 197 | 165 | DN 32 1" 1/4                    | 350 | 950  | 350            | 42 |
|                            | VSS 4-12                 | 250                            | 75 | 576 | 355 | 931     | 230 | 188 | DN 32 1" 1/4                    | 350 | 1100 | 350            | 52 |
|                            | VSS 4-14                 | 250                            | 75 | 650 | 390 | 1040    | 360 | 208 | DN 32 1" 1/4                    | 400 | 1200 | 350            | 64 |
|                            | VSS 4-16                 | 250                            | 75 | 704 | 390 | 1094    | 260 | 208 | DN 32 1" 1/4                    | 400 | 1200 | 350            | 66 |

### APLICACIONES

Electrobombas universales para aplicaciones civiles e industriales, para instalaciones de lavado a alta presión, para riego, agricultura, instalaciones deportivas, para fuentes y para desplazamiento de líquidos moderadamente agresivos sin sustancias sólidas o abrasivas.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 110 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                      |                           |
|----------------------|---------------------------|
| - Cuerpo aspiración  | Acero inoxidable AISI 304 |
| - Cuerpo impulsión   | Acero inoxidable AISI 304 |
| - Rodete             | Acero inoxidable AISI 304 |
| - Camisa de la bomba | Acero inoxidable AISI 304 |
| - Tapa superior      | Acero inoxidable AISI 304 |
| - Tapa inferior      | Acero inoxidable AISI 304 |
| - Eje motor          | Acero inoxidable AISI 304 |
| - Juntas mecánicas   | Silicio/Silicio/Viton     |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

### MOTOR

- Two-pole electric standard motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

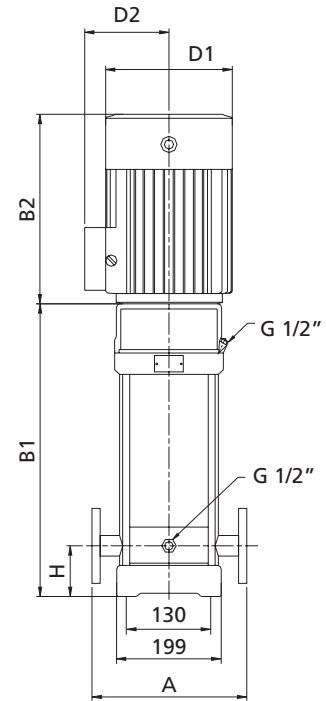
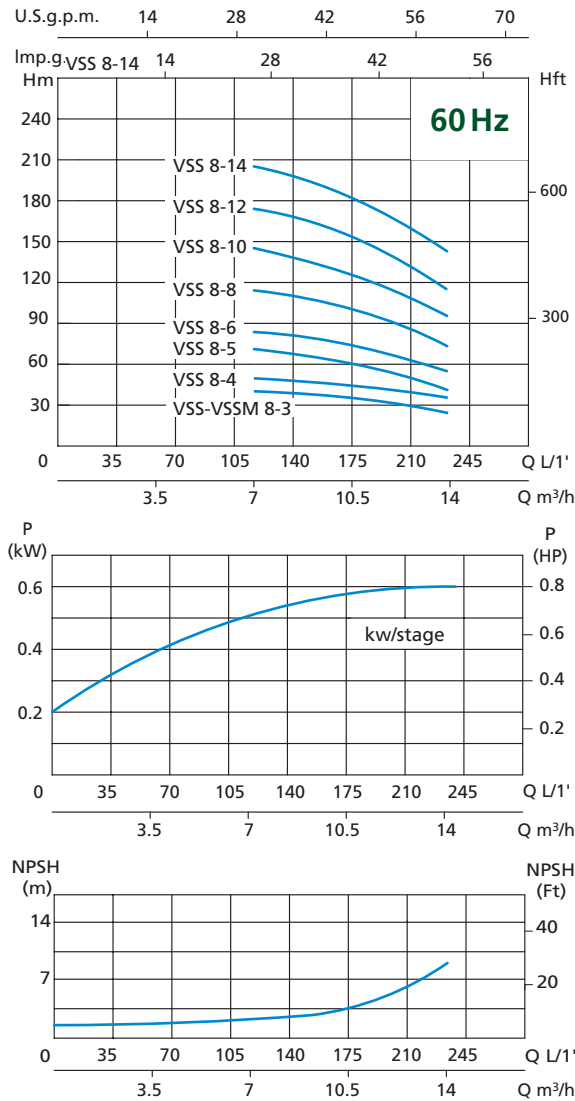
- |                   |                          |
|-------------------|--------------------------|
| - Suction casing  | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller        | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover     | Stainless Steel AISI 304 |
| - Lower cover     | Stainless Steel AISI 304 |
| - Pump shaft      | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Silicon/Viton    |

### APPLICATION

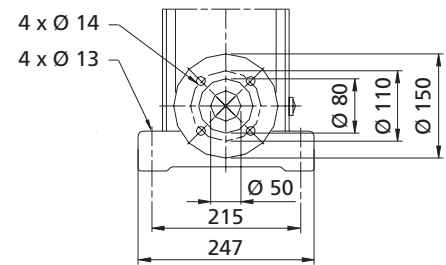
Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



# VERTICAL MULTISTAGE STAINLESS STEEL PUMPS



DN 40 1" 1/2

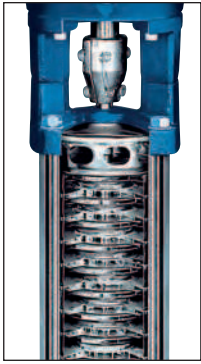


| TIPO<br>TYPE               |                          | POTENCIA NOMINAL<br>NOMINAL POWER |     | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |     |     |     |     |     |     |     |     |
|----------------------------|--------------------------|-----------------------------------|-----|----------------------------|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                |     | Monofásico<br>Single-phase | Trifásico<br>Three-phase | m³/h   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  |
|                            |                          | HP                                | kW  |                            |                          | lt/1'  | 116 | 133 | 150 | 166 | 183 | 200 | 216 | 233 |
| VSSM 8-3                   | VSS 8-3                  | 3                                 | 2,2 | 12,4                       | 5,3                      | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |
|                            | VSS 8-4                  | 4                                 | 3   |                            | 6,6                      | 41   | 40  | 38  | 37  | 35  | 33  | 30  | 28  |     |
|                            | VSS 8-5                  | 4                                 | 3   |                            | 6,6                      | 55   | 54  | 52  | 50  | 47  | 45  | 42  | 38  |     |
|                            | VSS 8-6                  | 5,5                               | 4   |                            | 9,4                      | 70   | 68  | 65  | 63  | 59  | 56  | 52  | 47  |     |
|                            | VSS 8-8                  | 7,5                               | 5,5 |                            | 12                       | 85   | 82  | 78  | 76  | 72  | 68  | 62  | 57  |     |
|                            | VSS 8-10                 | 10                                | 7,5 |                            | 16                       | 115  | 110 | 105 | 101 | 97  | 91  | 84  | 75  |     |
|                            | VSS 8-12                 | 10                                | 7,5 |                            | 16                       | 145  | 140 | 132 | 126 | 122 | 115 | 105 | 95  |     |
|                            | VSS 8-14                 | 15                                | 11  |                            | 22                       | 173  | 167 | 160 | 152 | 147 | 132 | 125 | 115 |     |
|                            |                          |                                   |     |                            |                          | 202  | 195 | 188 | 179 | 174 | 163 | 147 | 135 |     |

| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |    |     |     |         |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |  |  | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|----|-----|-----|---------|-----|-----|---------------------------------|--|--|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | H  | B1  | B2  | B1 + B2 | D1  | D2  | BRIDA<br>FLANGE                 |  |  | Kg             |
|                            |                          | P                              | L  | H   |     |         |     |     |                                 |  |  |                |
| VSSM 8-3                   | VSS 8-3                  | 280                            | 80 | 387 | 290 | 677     | 190 | 155 | DN 40 1" 1/2                    |  |  | 41             |
|                            | VSS 8-4                  | 280                            | 80 | 427 | 345 | 772     | 197 | 165 | DN 40 1" 1/2                    |  |  | 49             |
|                            | VSS 8-5                  | 280                            | 80 | 457 | 345 | 802     | 190 | 165 | DN 40 1" 1/2                    |  |  | 50             |
|                            | VSS 8-6                  | 280                            | 80 | 487 | 355 | 802     | 230 | 188 | DN 40 1" 1/2                    |  |  | 58             |
|                            | VSS 8-8                  | 280                            | 80 | 567 | 390 | 957     | 260 | 208 | DN 40 1" 1/2                    |  |  | 71             |
|                            | VSS 8-10                 | 280                            | 80 | 627 | 390 | 1017    | 260 | 208 | DN 40 1" 1/2                    |  |  | 80             |
|                            | VSS 8-12                 | 280                            | 80 | 687 | 390 | 1077    | 260 | 208 | DN 40 1" 1/2                    |  |  | 82             |
|                            | VSS 8-14                 | 280                            | 80 | 835 | 490 | 1335    | 330 | 255 | DN 40 1" 1/2                    |  |  | 153            |

### APLICACIONES

Electrobombas universales para aplicaciones civiles e industriales, para instalaciones de lavado a alta presión, para riego, agricultura, instalaciones deportivas, para fuentes y para desplazamiento de líquidos moderadamente agresivos sin sustancias sólidas o abrasivas.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 110 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                          |                           |
|--------------------------|---------------------------|
| - Cuerpo aspiración      | Acero inoxidable AISI 304 |
| - Cuerpo impulsión       | Acero inoxidable AISI 304 |
| - Rodete de Acero        | Inoxidable AISI 304       |
| - Camisa de la bomba     | Acero inoxidable AISI 304 |
| - Tapa superior          | Acero inoxidable AISI 304 |
| - Tapa inferior          | Acero inoxidable AISI 304 |
| - Eje del motor de acero | Inoxidable AISI 304       |
| - Juntas mecánicas       | Silicio/Silicio/Viton     |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

### MOTOR

- Two-pole electric standard motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

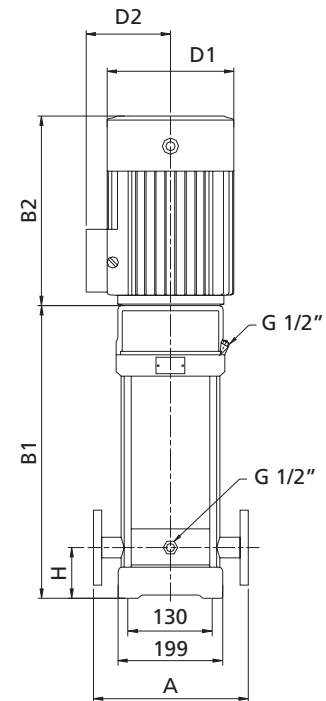
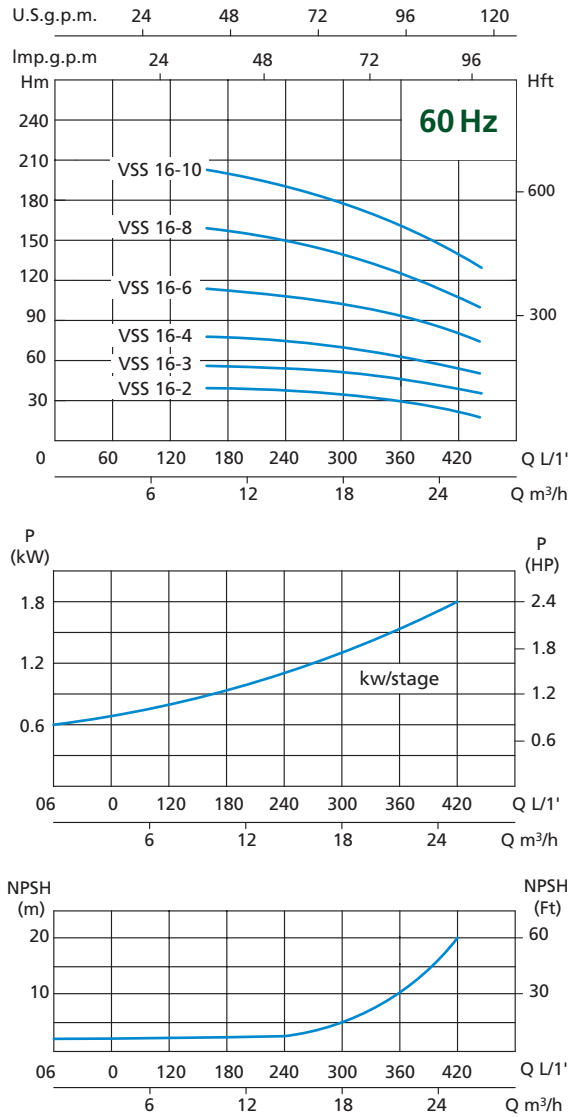
### MATERIALS

- |                   |                          |
|-------------------|--------------------------|
| - Suction casing  | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller        | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover     | Stainless Steel AISI 304 |
| - Lower cover     | Stainless Steel AISI 304 |
| - Pump shaft      | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Silicon/Viton    |

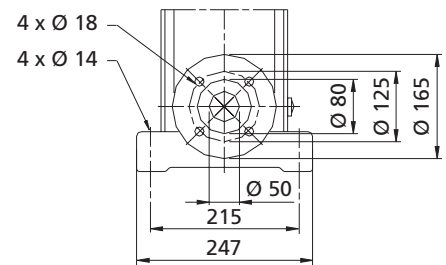
### APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.





DN 50 2"



| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | AMPERIO<br>AMPERE        | Q = CAPACIDAD - CAPACITY |  |     |     |     |     |     |     |     |     |
|--------------------------|---|------|--------------------------|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|
|                          | HP                                      | kW   |                          | m³/h                     | 10   | 12  | 14  | 16  | 18  | 20  | 22  | 24  | 26  |
| Trifásico<br>Three-phase | P2                                      |      | Trifásico<br>Three-phase | lt/1'                    | 166  | 200 | 233 | 266 | 300 | 333 | 366 | 400 | 433 |
|                          |   |      |                          | 3 x 380V                 | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |
| VSS 16-2                 | 5,5                                     | 4    | 9,4                      | H<br>(m)                 | 38   | 37  | 36  | 35  | 34  | 32  | 30  | 27  | 24  |
| VSS 16-3                 | 7,5                                     | 5,5  | 12                       |                          | 57   | 56  | 55  | 54  | 51  | 48  | 45  | 40  | 36  |
| VSS 16-4                 | 10                                      | 7,5  | 16                       |                          | 76   | 75  | 73  | 72  | 68  | 64  | 60  | 54  | 49  |
| VSS 16-6                 | 15                                      | 11   | 22                       |                          | 115  | 113 | 111 | 108 | 102 | 96  | 91  | 82  | 75  |
| VSS 16-8                 | 20                                      | 15   | 30                       |                          | 155  | 152 | 148 | 144 | 137 | 130 | 122 | 111 | 101 |
| VSS 16-10                | 25                                      | 18,5 | 37                       |                          | 197  | 192 | 187 | 181 | 174 | 165 | 153 | 139 | 127 |

| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |    |     |     |         |     |     | BRIDA<br>FLANGE | DIMENSIONES<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|----|-----|-----|---------|-----|-----|-----------------|---------------------------------|------|-----|----------------------|
|                          | A                              | H  | B1  | B2  | B1 + B2 | D1  | D2  |                 | P                               | L    | H   |                      |
| Trifásico<br>Three-phase |                                |    |     |     |         |     |     |                 |                                 |      |     |                      |
| VSS 16-2                 | 300                            | 90 | 407 | 335 | 762     | 230 | 188 | DN 50 2"        | 350                             | 950  | 350 | 56                   |
| VSS 16-3                 | 300                            | 90 | 472 | 390 | 862     | 260 | 208 | DN 50 2"        | 350                             | 950  | 350 | 68                   |
| VSS 16-4                 | 300                            | 90 | 517 | 390 | 907     | 260 | 208 | DN 50 2"        | 350                             | 1100 | 350 | 75                   |
| VSS 16-6                 | 300                            | 90 | 695 | 500 | 1195    | 330 | 255 | DN 50 2"        | 500                             | 1500 | 400 | 150                  |
| VSS 16-8                 | 300                            | 90 | 785 | 500 | 1285    | 330 | 255 | DN 50 2"        | 500                             | 1500 | 400 | 163                  |
| VSS 16-10                | 300                            | 90 | 875 | 550 | 1425    | 330 | 255 | DN 50 2"        | 500                             | 1700 | 400 | 186                  |

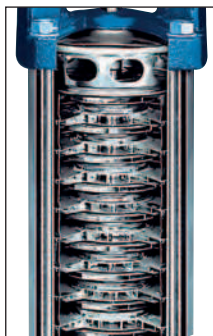


### APLICACIONES

Electrobombas universales para aplicaciones civiles e industriales, para instalaciones de lavado a alta presión, para riego, agricultura, instalaciones deportivas, para fuentes y para desplazamiento de líquidos moderadamente agresivos sin sustancias sólidas o abrasivas.

### APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 110 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                      |                           |
|----------------------|---------------------------|
| - Cuerpo aspiración  | Acero inoxidable AISI 304 |
| - Cuerpo impulsión   | Acero inoxidable AISI 304 |
| - Rodete             | Acero inoxidable AISI 304 |
| - Camisa de la bomba | Acero inoxidable AISI 304 |
| - Tapa superior      | Acero inoxidable AISI 304 |
| - Tapa inferior      | Acero inoxidable AISI 304 |
| - Eje motor          | Acero inoxidable AISI 304 |
| - Juntas mecánicas   | Silicio/Silicio/Viton     |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

### MOTOR

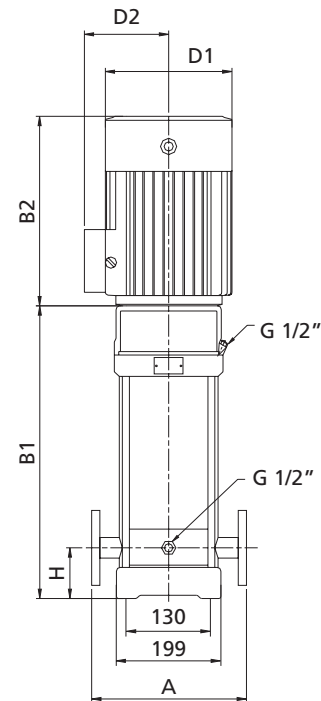
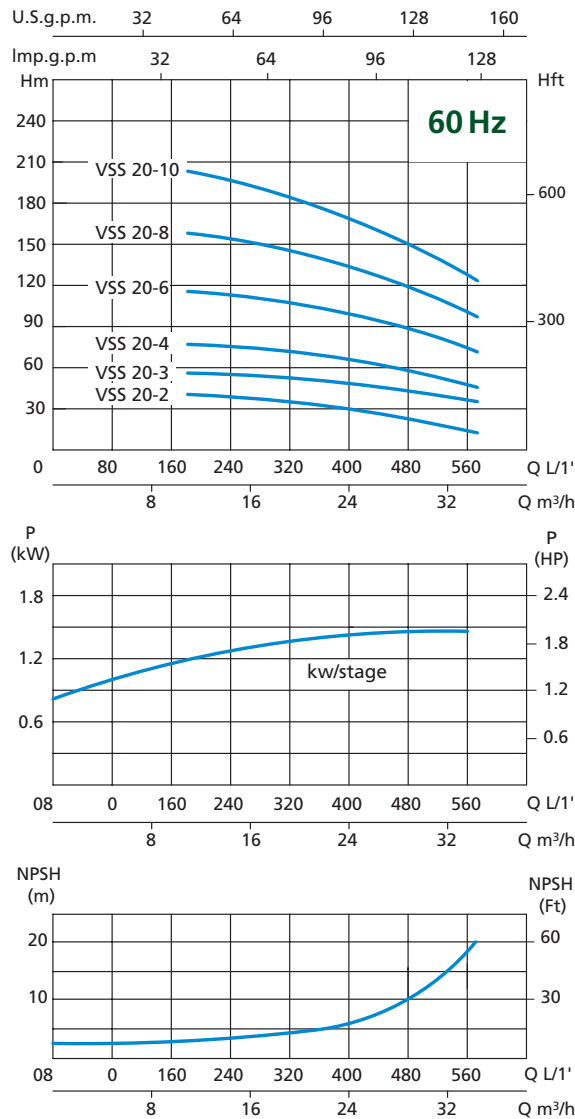
- Two-pole electric standard motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

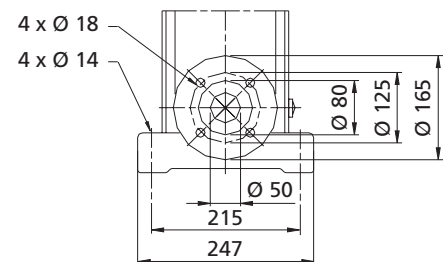
- |                   |                          |
|-------------------|--------------------------|
| - Suction casing  | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller        | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover     | Stainless Steel AISI 304 |
| - Lower cover     | Stainless Steel AISI 304 |
| - Pump shaft      | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Silicon/Viton    |



# VERTICAL MULTISTAGE STAINLESS STEEL PUMPS



DN 50 2"

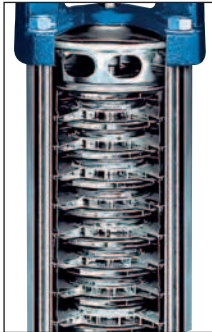


| TIPO<br>TYPE             | POTENCIA NOMINAL<br>NOMINAL POWER  |      | AMPERIO<br>AMPERE                    | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |     |
|--------------------------|--|------|--------------------------------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|
|                          | HP   | kW   |                                      | m³/h                     | 12  | 16  | 20  | 24  | 28  | 32  | 34  |
| Trifásico<br>Three-phase | P2   |      | Trifásico<br>Three-phase<br>3 x 380V | lt/1'                    | 200 | 266 | 333 | 400 | 466 | 533 | 566 |
|                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |                                      |                          |     |     |     |     |     |     |     |
| VSS 20-2                 | 5,5  | 4    | 9,4                                  | H<br>(m)                 | 38  | 37  | 35  | 32  | 29  | 24  | 21  |
| VSS 20-3                 | 7,5  | 5,5  | 12                                   |                          | 58  | 56  | 53  | 50  | 45  | 38  | 33  |
| VSS 20-4                 | 10   | 7,5  | 16                                   |                          | 78  | 75  | 72  | 67  | 60  | 51  | 45  |
| VSS 20-6                 | 15   | 11   | 22                                   |                          | 118 | 113 | 108 | 102 | 91  | 77  | 70  |
| VSS 20-8                 | 20   | 15   | 30                                   |                          | 158 | 153 | 146 | 137 | 123 | 105 | 96  |
| VSS 20-10                | 25   | 18,5 | 37                                   |                          | 198 | 193 | 185 | 172 | 155 | 133 | 122 |

| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |    |     |     |         |     |     | BRIDA<br>FLANGE | DIMENSIONES<br>DIMENSIONS mm |      |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|----|-----|-----|---------|-----|-----|-----------------|------------------------------|------|-----|----------------------|
|                          | A                              | H  | B1  | B2  | B1 + B2 | D1  | D2  |                 | P                            | L    | H   |                      |
| Trifásico<br>Three-phase |                                |    |     |     |         |     |     |                 |                              |      |     |                      |
| VSS 20-2                 | 300                            | 90 | 407 | 335 | 762     | 230 | 188 | DN 50 2"        | 350                          | 950  | 350 | 56                   |
| VSS 20-3                 | 300                            | 90 | 472 | 390 | 862     | 260 | 208 | DN 50 2"        | 350                          | 950  | 350 | 69                   |
| VSS 20-4                 | 300                            | 90 | 517 | 390 | 907     | 260 | 208 | DN 50 2"        | 350                          | 1100 | 350 | 79                   |
| VSS 20-6                 | 300                            | 90 | 695 | 500 | 1195    | 330 | 255 | DN 50 2"        | 500                          | 1500 | 400 | 150                  |
| VSS 20-8                 | 300                            | 90 | 785 | 500 | 1285    | 330 | 255 | DN 50 2"        | 500                          | 1500 | 400 | 163                  |
| VSS 20-10                | 300                            | 90 | 875 | 550 | 1425    | 330 | 255 | DN 50 2"        | 500                          | 1700 | 400 | 187                  |

### APLICACIONES

Electrobombas universales para aplicaciones civiles e industriales, para instalaciones de lavado a alta presión, para riego, agricultura, instalaciones deportivas, para fuentes y para desplazamiento de líquidos moderadamente agresivos sin sustancias sólidas o abrasivas.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 110 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                      |                           |
|----------------------|---------------------------|
| - Cuerpo aspiración  | Acero inoxidable AISI 304 |
| - Cuerpo impulsión   | Acero inoxidable AISI 304 |
| - Rodete             | Acero inoxidable AISI 304 |
| - Camisa de la bomba | Acero inoxidable AISI 304 |
| - Tapa superior      | Acero inoxidable AISI 304 |
| - Tapa inferior      | Acero inoxidable AISI 304 |
| - Eje motor          | Acero inoxidable AISI 304 |
| - Juntas mecánicas   | Silicio/Silicio/Viton     |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

### MOTOR

- Two-pole electric standard motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

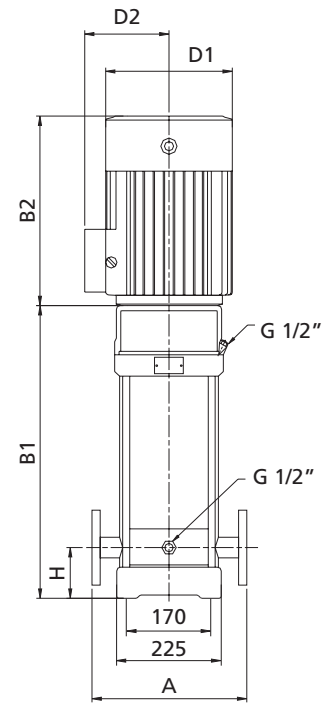
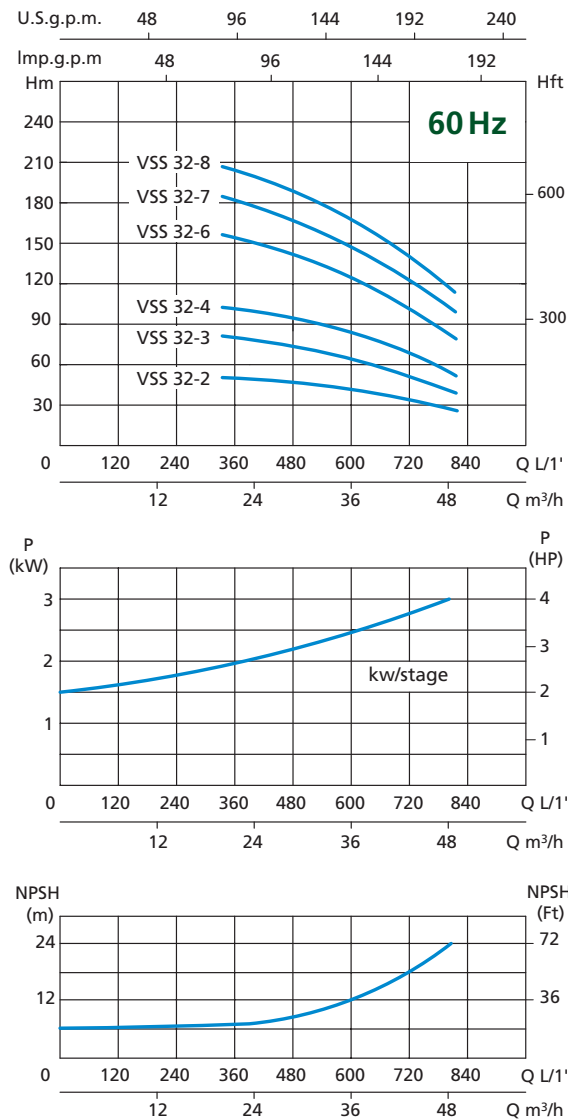
- |                   |                          |
|-------------------|--------------------------|
| - Suction casing  | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller        | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover     | Stainless Steel AISI 304 |
| - Lower cover     | Stainless Steel AISI 304 |
| - Pump shaft      | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Silicon/Viton    |

### APPLICATION

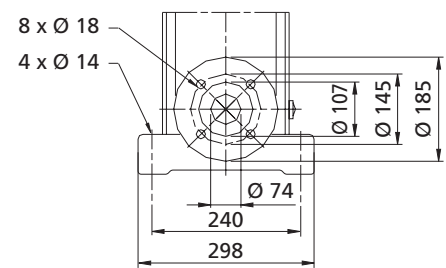
Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



# VERTICAL MULTISTAGE STAINLESS STEEL PUMPS



DN 65 2" 1/2



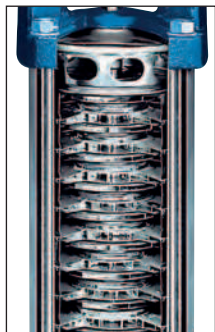
| TIPO<br>TYPE             | POTENCIA NOMINAL<br>NOMINAL POWER  |      | AMPERIO<br>AMPERE                    | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |     |     |
|--------------------------|--|------|--------------------------------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
|                          | HP   | kW   |                                      | m³/h                     | 20  | 24  | 28  | 32  | 36  | 40  | 44  | 48  |
| Trifásico<br>Three-phase | P2   |      | Trifásico<br>Three-phase<br>3 x 380V | lt/1'                    | 333 | 400 | 466 | 533 | 600 | 666 | 733 | 800 |
|                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |                                      |                          |     |     |     |     |     |     |     |     |
| VSS 32-2                 | 10   | 7,5  | 16                                   | H<br>(m)                 | 52  | 50  | 48  | 45  | 41  | 37  | 33  | 27  |
| VSS 32-3                 | 15   | 11   | 22                                   |                          | 78  | 75  | 71  | 67  | 62  | 56  | 50  | 40  |
| VSS 32-4                 | 20   | 15   | 30                                   |                          | 104 | 101 | 96  | 91  | 83  | 75  | 66  | 55  |
| VSS 32-6                 | 25   | 18,5 | 37                                   |                          | 155 | 150 | 144 | 136 | 126 | 114 | 100 | 81  |
| VSS 32-7                 | 30   | 22   | 45                                   |                          | 182 | 176 | 167 | 159 | 148 | 133 | 118 | 97  |
| VSS 32-8                 | 40   | 30   | 62                                   |                          | 208 | 201 | 192 | 181 | 167 | 152 | 132 | 111 |

| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |     |      |     |         |     |     |              | BRIDA<br>FLANGE | DIMENSIONES<br>DIMENSIONS mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|-----|------|-----|---------|-----|-----|--------------|-----------------|------------------------------|-----|-----|----------------------|
|                          | A                              | H   | B1   | B2  | B1 + B2 | D1  | D2  | P            |                 | L                            | H   |     |                      |
| Trifásico<br>Three-phase |                                |     |      |     |         |     |     |              |                 |                              |     |     |                      |
| VSS 32-2                 | 320                            | 105 | 575  | 390 | 965     | 260 | 208 | DN 65 2" 1/2 | 400             | 1200                         | 350 | 101 |                      |
| VSS 32-3                 | 320                            | 105 | 750  | 500 | 1250    | 330 | 255 | DN 65 2" 1/2 | 500             | 1500                         | 400 | 172 |                      |
| VSS 32-4                 | 320                            | 105 | 820  | 500 | 1320    | 330 | 255 | DN 65 2" 1/2 | 500             | 1500                         | 400 | 186 |                      |
| VSS 32-6                 | 320                            | 105 | 960  | 550 | 1510    | 330 | 255 | DN 65 2" 1/2 | 500             | 1700                         | 400 | 216 |                      |
| VSS 32-7                 | 320                            | 105 | 1030 | 575 | 1605    | 360 | 285 | DN 65 2" 1/2 | 500             | 1900                         | 400 | 255 |                      |
| VSS 32-8                 | 320                            | 105 | 1100 | 650 | 1750    | 400 | 310 | DN 65 2" 1/2 | 500             | 1900                         | 400 | 315 |                      |

# VSS 42 ELECTROBOMBAS VERTICALES MULTIESTADIO DE ACERO INOXIDABLE

## APLICACIONES

Electrobombas universales para aplicaciones civiles e industriales, para instalaciones de lavado a alta presión, para riego, agricultura, instalaciones deportivas, para fuentes y para desplazamiento de líquidos moderadamente agresivos sin sustancias sólidas o abrasivas.



## LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 110 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

## MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

## MATERIALES

- |                      |                           |
|----------------------|---------------------------|
| - Cuerpo aspiración  | Acero inoxidable AISI 304 |
| - Cuerpo impulsión   | Acero inoxidable AISI 304 |
| - Rodete de Acero    | Inoxidable AISI 304       |
| - Camisa de la bomba | Acero inoxidable AISI 304 |
| - Tapa superior      | Acero inoxidable AISI 304 |
| - Tapa inferior      | Acero inoxidable AISI 304 |
| - Eje motor          | Acero inoxidable AISI 304 |
| - Juntas mecánicas   | Silicio/Silicio/Viton     |

## OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

## MOTOR

- Two-pole electric standard motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

## MATERIALS

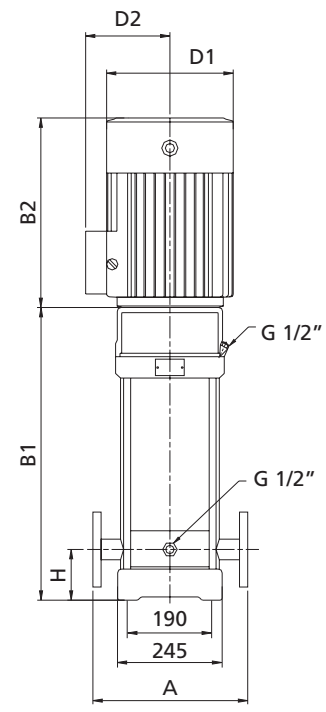
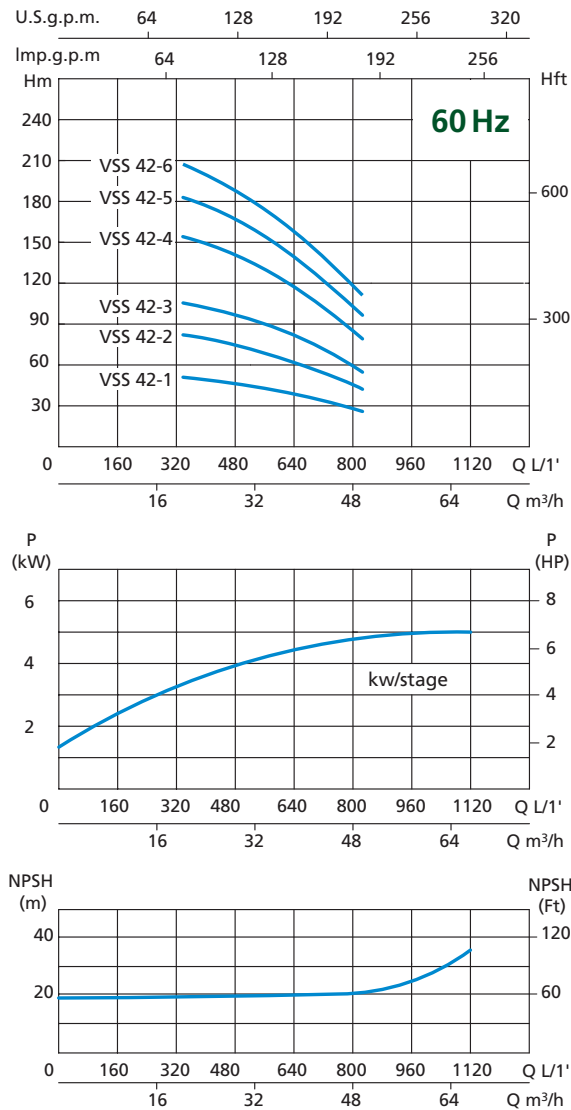
- |                   |                          |
|-------------------|--------------------------|
| - Suction casing  | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller        | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover     | Stainless Steel AISI 304 |
| - Lower cover     | Stainless Steel AISI 304 |
| - Pump shaft      | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Silicon/Viton    |

## APPLICATION

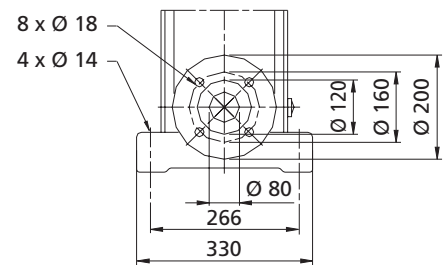
Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



# VERTICAL MULTISTAGE STAINLESS STEEL PUMPS



DN 80 3"



| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER | AMPERIO<br>AMPERE | Q = CAPACIDAD - CAPACITY |  |                   |     |     |     |     |     |     |      |      |
|--------------------------|---|-------------------|--------------------------|--|-------------------|-----|-----|-----|-----|-----|-----|------|------|
|                          |   |                   | Trifásico<br>Three-phase |  | m <sup>3</sup> /h | 30  | 35  | 40  | 42  | 45  | 50  | 55   | 60   |
| Trifásico<br>Three-phase | P2                                      |                   | Trifásico<br>Three-phase | lt/1'  | 500               | 583 | 666 | 700 | 750 | 832 | 916 | 1000 | 1083 |
|                          | HP                                      | kW                |                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                   |     |     |     |     |     |     |      |      |
| VSS 42-1                 | 10                                      | 7,5               | 16                       | H<br>(m)   | 34                | 33  | 32  | 31  | 30  | 29  | 27  | 25   | 22   |
| VSS 42-2                 | 20                                      | 15                | 30                       |  | 69                | 67  | 65  | 63  | 61  | 59  | 55  | 50   | 44   |
| VSS 42-3                 | 25                                      | 18,5              | 37                       |  | 102               | 100 | 97  | 95  | 92  | 88  | 82  | 76   | 68   |
| VSS 42-4                 | 40                                      | 30                | 62                       |  | 136               | 133 | 129 | 126 | 123 | 117 | 112 | 102  | 89   |
| VSS 42-5                 | 40                                      | 30                | 62                       |  | 171               | 166 | 161 | 158 | 154 | 145 | 138 | 126  | 112  |
| VSS 42-6                 | 50                                      | 37                | 74                       |  | 205               | 200 | 193 | 190 | 186 | 176 | 166 | 152  | 134  |

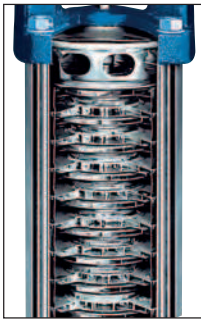
| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |     |      |     |         |     |     |          | BRIDA<br>FLANGE | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|--------------------------------|-----|------|-----|---------|-----|-----|----------|-----------------|---------------------------------|-----|-----|----------------|
|                          | A                              | H   | B1   | B2  | B1 + B2 | D1  | D2  | P        |                 | L                               | H   |     |                |
| Trifásico<br>Three-phase |                                |     |      |     |         |     |     |          |                 |                                 |     |     |                |
| VSS 42-1                 | 365                            | 140 | 561  | 390 | 952     | 260 | 208 | DN 80 3" | 400             | 1200                            | 350 | 106 |                |
| VSS 42-2                 | 365                            | 140 | 748  | 500 | 1248    | 330 | 255 | DN 80 3" | 500             | 1500                            | 400 | 188 |                |
| VSS 42-3                 | 365                            | 140 | 828  | 550 | 1378    | 330 | 255 | DN 80 3" | 500             | 1500                            | 400 | 213 |                |
| VSS 42-4                 | 365                            | 140 | 908  | 650 | 1558    | 400 | 310 | DN 80 3" | 500             | 1700                            | 400 | 309 |                |
| VSS 42-5                 | 365                            | 140 | 988  | 650 | 1638    | 400 | 310 | DN 80 3" | 500             | 1700                            | 400 | 313 |                |
| VSS 42-6                 | 365                            | 140 | 1068 | 650 | 1718    | 400 | 310 | DN 80 3" | 500             | 1900                            | 400 | 340 |                |

### APLICACIONES

Electrobombas universales para aplicaciones civiles e industriales, para instalaciones de lavado a alta presión, para riego, agricultura, instalaciones deportivas, para fuentes y para desplazamiento de líquidos moderadamente agresivos sin sustancias sólidas o abrasivas.

### APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 110 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- Cuerpo aspiración Acero inoxidable AISI 304
- Cuerpo impulsión Acero inoxidable AISI 304
- Rodete Acero inoxidable AISI 304
- Camisa de la bomba Acero inoxidable AISI 304
- Tapa superior Acero inoxidable AISI 304
- Tapa inferior Acero inoxidable AISI 304
- Eje motor Acero inoxidable AISI 304
- Juntas mecánicas Silicio/Silicio/Viton

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

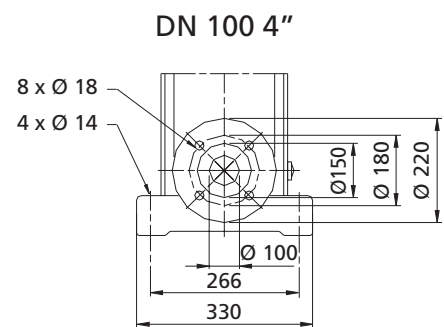
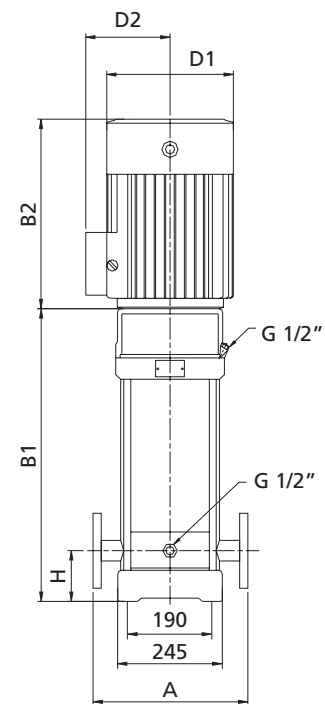
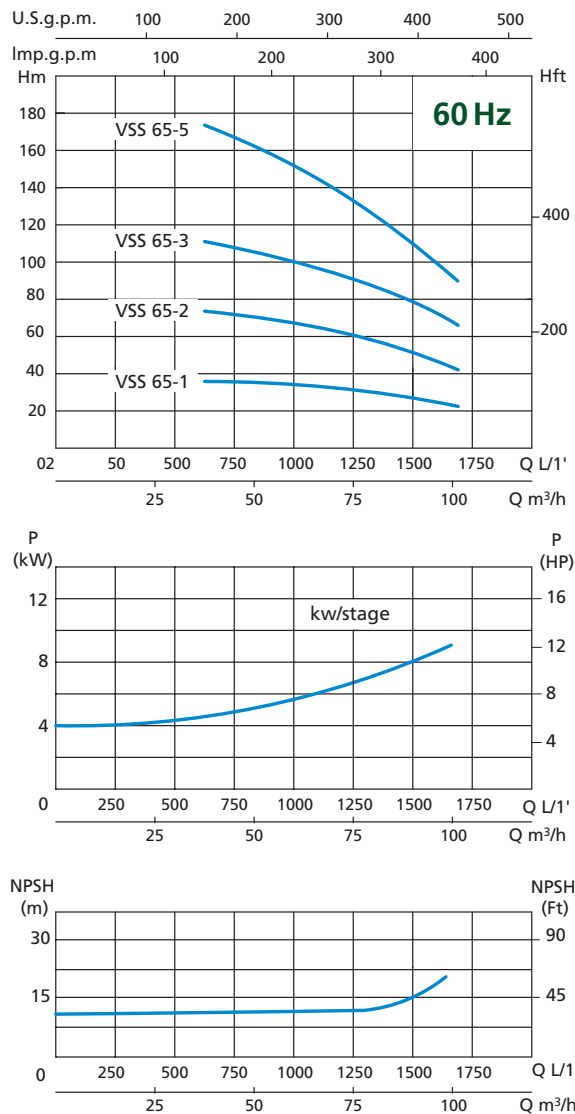
### MOTOR

- Two-pole electric standard motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- Suction casing Stainless Steel AISI 304
- Delivery casing Stainless Steel AISI 304
- Impeller Stainless Steel AISI 304
- External jacket Stainless Steel AISI 304
- Upper cover Stainless Steel AISI 304
- Lower cover Stainless Steel AISI 304
- Pump shaft Stainless Steel AISI 304
- Mechanical seal Silicon/Silicon/Viton





| TIPO<br>TYPE             | POTENCIA NOMINAL<br>NOMINAL<br>POWER                                       |    | AMPERIO<br>AMPERE                    | Q = CAPACIDAD - CAPACITY |     |     |      |      |      |      |      |      |
|--------------------------|--|----|--------------------------------------|--------------------------|-----|-----|------|------|------|------|------|------|
|                          | HP   | kW |                                      | m³/h                     | 40  | 50  | 60   | 65   | 70   | 80   | 90   | 100  |
| Trifásico<br>Three-phase | P2   |    | Trifásico<br>Three-phase<br>3 x 380V | lt/1'                    | 666 | 832 | 1000 | 1083 | 1166 | 1333 | 1500 | 1666 |
|                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |    |                                      |                          |     |     |      |      |      |      |      |      |
| VSS 65-1                 | 15   | 11 | 22                                   | H<br>(m)                 | 37  | 35  | 33   | 32   | 31   | 28   | 24   | 21   |
| VSS 65-2                 | 30   | 22 | 45                                   |                          | 74  | 72  | 67   | 64   | 62   | 57   | 51   | 42   |
| VSS 65-3                 | 40   | 30 | 62                                   |                          | 112 | 108 | 100  | 96   | 93   | 86   | 77   | 65   |
| VSS 65-5                 | 60   | 45 | 90                                   |                          | 172 | 162 | 151  | 144  | 137  | 126  | 112  | 91   |

| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |     |      |     |         |     |     |                 | DIMENSIONES<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|-----|------|-----|---------|-----|-----|-----------------|---------------------------------|------|-----|----------------------|
|                          | A                              | H   | B1   | B2  | B1 + B2 | D1  | D2  | BRIDA<br>FLANGE | P                               | L    | H   |                      |
| Trifásico<br>Three-phase |                                |     |      |     |         |     |     |                 |                                 |      |     |                      |
| VSS 65-1                 | 365                            | 140 | 671  | 500 | 1171    | 330 | 255 | DN 100 4"       | 400                             | 1300 | 350 | 177                  |
| VSS 65-2                 | 365                            | 140 | 754  | 575 | 1329    | 360 | 285 | DN 100 4"       | 500                             | 1500 | 400 | 248                  |
| VSS 65-3                 | 365                            | 140 | 836  | 650 | 1486    | 400 | 310 | DN 100 4"       | 500                             | 1700 | 400 | 313                  |
| VSS 65-5                 | 365                            | 140 | 1001 | 685 | 1686    | 460 | 340 | DN 100 4"       | 500                             | 1900 | 400 | 402                  |

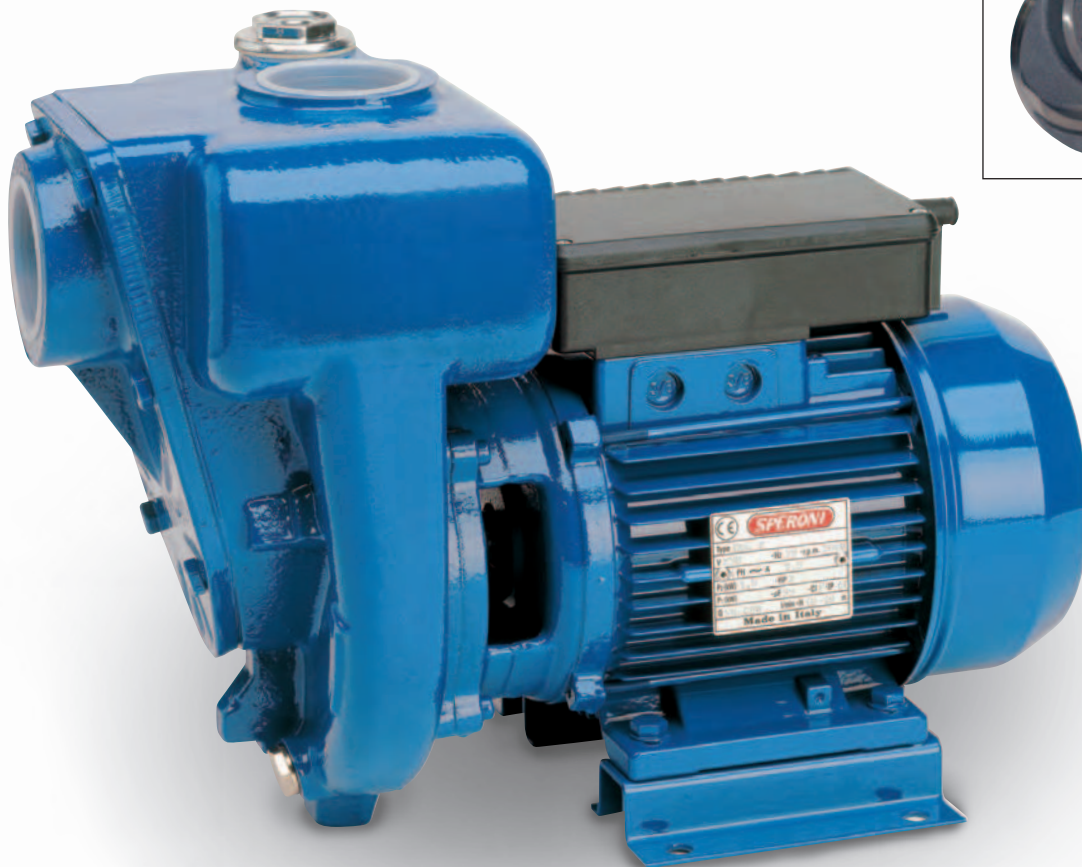


### APLICACIONES

Electrobombas autoaspirantes monobloque con rodete abierto. La válvula de retención incorporada en la boca aspirante impide que con la parada se tenga el efecto sifón y asegura que se vuelva a aspirar en automático, con cada puesta en marcha la bomba vuelve a aspirar aunque esté llena solo parcialmente de líquido y con el tubo aspirante completamente vacío. Utilizadas para el drenaje de aguas limpias o ligeramente sucias, para el riego por inundación y en intervenciones de vaciado.

### APPLICATION

Selfpriming monoblock water pumps with open impeller. The check valve inside the suction outlet avoids the syphon effect when stopping and assures the automatic re-start each time. The pump selfpriming even if partially filled and if the suction hose is completely empty. Suitable to drain clean or slightly dirty water and in flood irrigation systems.



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

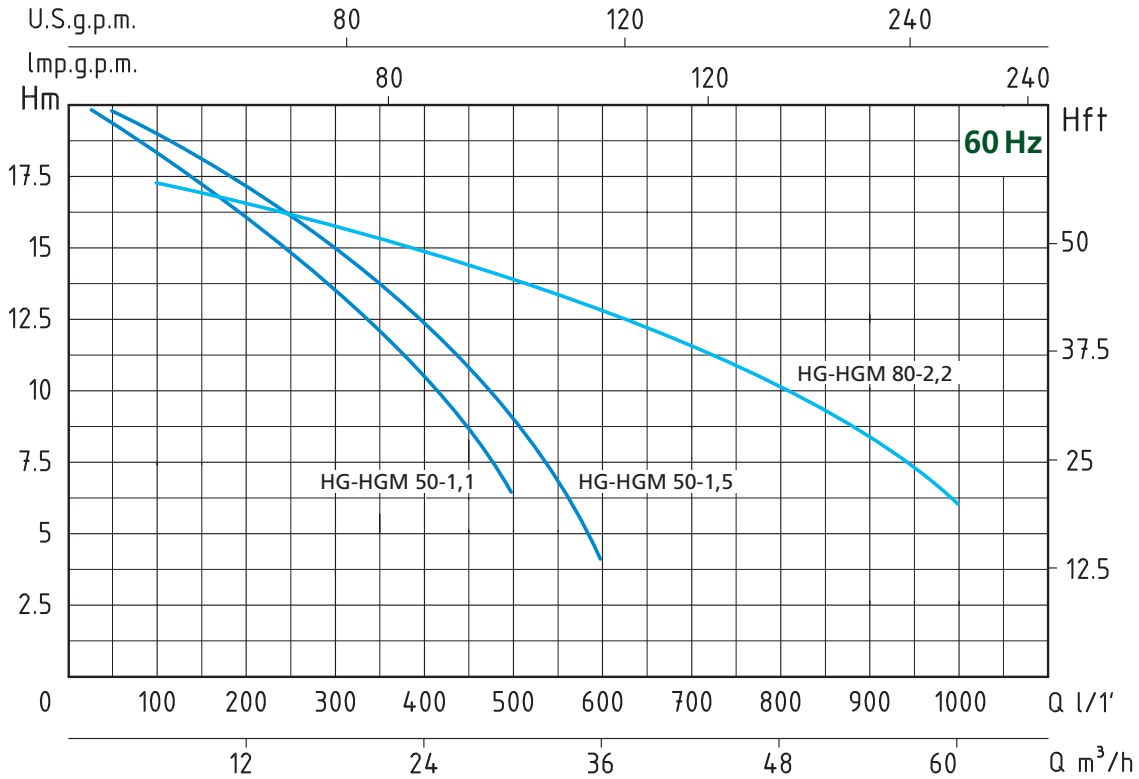
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

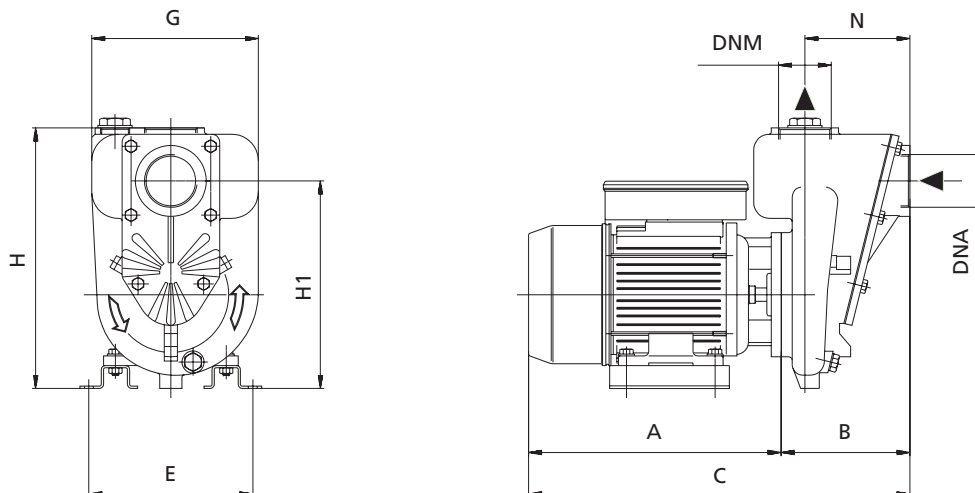
### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with motor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY |     |      |     |     |      |      |      |     |     |      |  |
|----------------------------|--------------------------|---|-----|---|----------------------------|--------------------------|--------------------------|-----|------|-----|-----|------|------|------|-----|-----|------|--|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                      |     | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | m³/h                     | 1,5 | 3    | 6   | 12  | 18   | 24   | 30   | 36  | 48  | 60   |  |
| 220V-60Hz                  | 220/380V-60Hz            | HP                                      | KW  | KW                                      | 1 x 220V                   | 3 x 380V                 | lt/1'                    | 25  | 50   | 100 | 200 | 300  | 400  | 500  | 600 | 800 | 1000 |  |
| HGM 50-1,1                 | HG 50-1,1                | 1,5                                     | 1,1 | 1,8                                     | 8,2                        | 3,7                      | H<br>(m)                 | 19  | 18,5 | 18  | 16  | 13,5 | 10,5 | 6,5  |     |     |      |  |
| HGM 50-1,5                 | HG 50-1,5                | 2                                       | 1,5 | 2,1                                     | 9,5                        | 4,5                      |                          | 19  | 18,5 | 17  | 15  | 12   | 9    | 4    |     |     |      |  |
| HGM 80-2,2                 | HG 80-2,2                | 3                                       | 2,2 | 3,3                                     | 15                         | 5,7                      |                          |     |      | 17  | 16  | 15   | 14   | 13,5 | 13  | 11  | 6    |  |

Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c.



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | B   | C   | E   | G   | H   | H1  | N   | DNA | DNM | P                               | L   | H   | Kg             |
| HGM 50-1,1                 | HG 50-1,1                | 260                            | 152 | 412 | 185 | 193 | 302 | 240 | 122 | 2"  | 2"  | 229                             | 416 | 246 | 25,6           |
| HGM 50-1,5                 | HG 50-1,5                | 260                            | 152 | 412 | 185 | 193 | 302 | 240 | 122 | 2"  | 2"  | 229                             | 416 | 346 | 26,6           |
| HGM 80-2,2                 | HG 80-2,2                | 335                            | 193 | 598 | 200 | 193 | 312 | 220 | 150 | 3"  | 3"  | 290                             | 570 | 420 | 34,4           |

### APLICACIONES

Electrobombas autoaspirantes monobloque con rodete abierto. La válvula de retención incorporada en la boca aspirante impide que con la parada se tenga el efecto sifón y asegura que se vuelva a aspirar en automático, con cada puesta en marcha la bomba vuelve a aspirar aunque esté llena solo parcialmente de líquido y con el tubo aspirante completamente vacío. Utilizadas para el drenaje de aguas limpias o ligeramente sucias, para el riego por inundación y en intervenciones de vaciado.

### APPLICATION

*Selfpriming monoblock water pumps with open impeller. The check valve inside the suction outlet avoids the syphon effect when stopping and assures the automatic re-start each time. The pump selfpriming even if partially filled and if the suction hose is completely empty. Suitable to drain clean or slightly dirty water and in flood irrigation systems.*



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

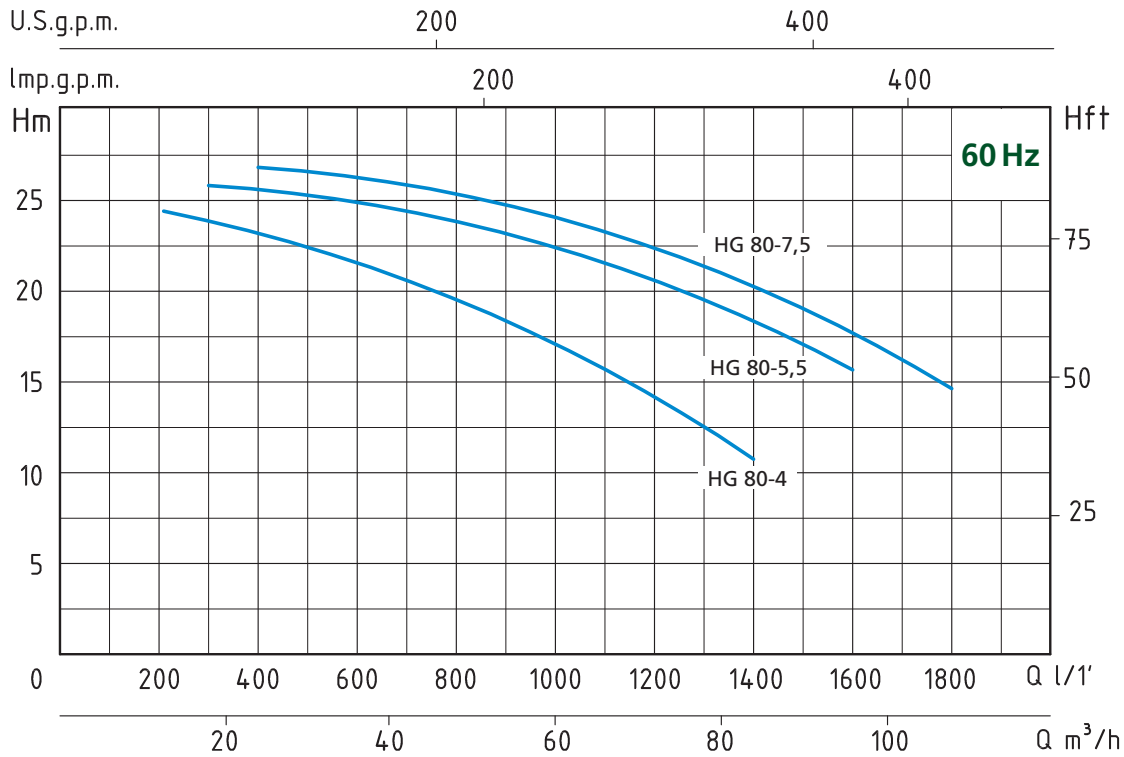
- *Liquid temperature up to 35°C (for home use according to EN 60335-2-41)*
- *Temperature max. liquid: 90°C (for other uses)*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### MOTOR

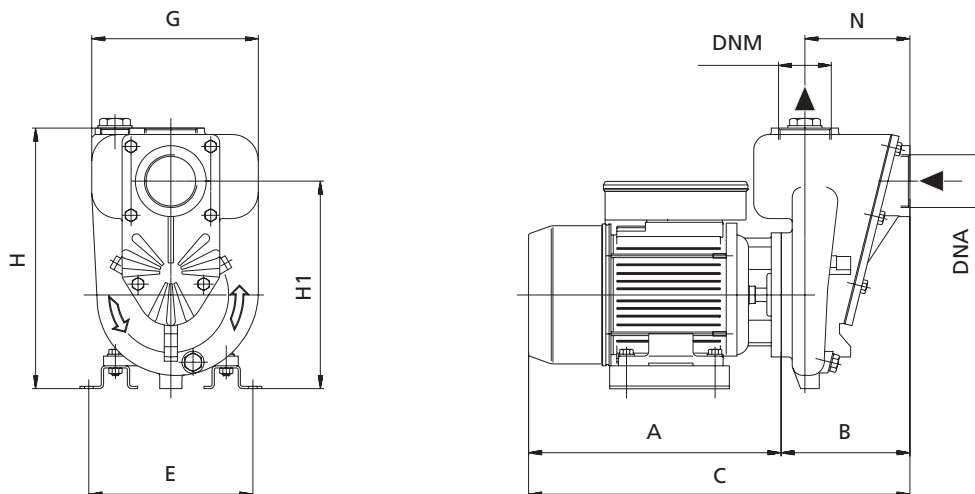
- *Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )*
- *Insulation Class F*
- *Protection IP 55*

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with motor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE                    | Q = CAPACIDAD - CAPACITY   |      |    |    |    |      |    |    |      |      |     |       |     |     |     |     |     |      |      |      |      |      |
|--------------------------|---|-----|---|--------------------------------------|--|------|----|----|----|------|----|----|------|------|-----|-------|-----|-----|-----|-----|-----|------|------|------|------|------|
|                          | P2                                      |     | P1                                      |                                      | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |    |    |    |      |    |    |      |      |     |       |     |     |     |     |     |      |      |      |      |      |
| Trifásico<br>Three-phase | HP                                      |     | kW                                      | Trifásico<br>Three-phase<br>3 x 380V | m³/h   | 12   | 18 | 24 | 36 | 48   | 60 | 72 | 84   | 96   | 108 | lt/1' | 200 | 300 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 |
|                          | kW                                      |     |   |                                      | H (m)  |      |    |    |    |      |    |    |      |      |     |       |     |     |     |     |     |      |      |      |      |      |
| HG 80-4                  | 5,5                                     | 4   | 5,7                                     | 8,8                                  | 24   | 23   | 22 | 21 | 19 | 17   | 14 | 11 |      |      |     |       |     |     |     |     |     |      |      |      |      |      |
| HG 80-5,5                | 7,5                                     | 5,5 | 8,5                                     | 14                                   |  | 26,5 | 26 | 25 | 24 | 22,5 | 21 | 19 | 16,5 |      |     |       |     |     |     |     |     |      |      |      |      |      |
| HG 80-7,5                | 10                                      | 7,5 | 9,5                                     | 15                                   |  |      | 27 | 26 | 25 | 23,5 | 22 | 20 | 17,5 | 14,5 |     |       |     |     |     |     |     |      |      |      |      |      |



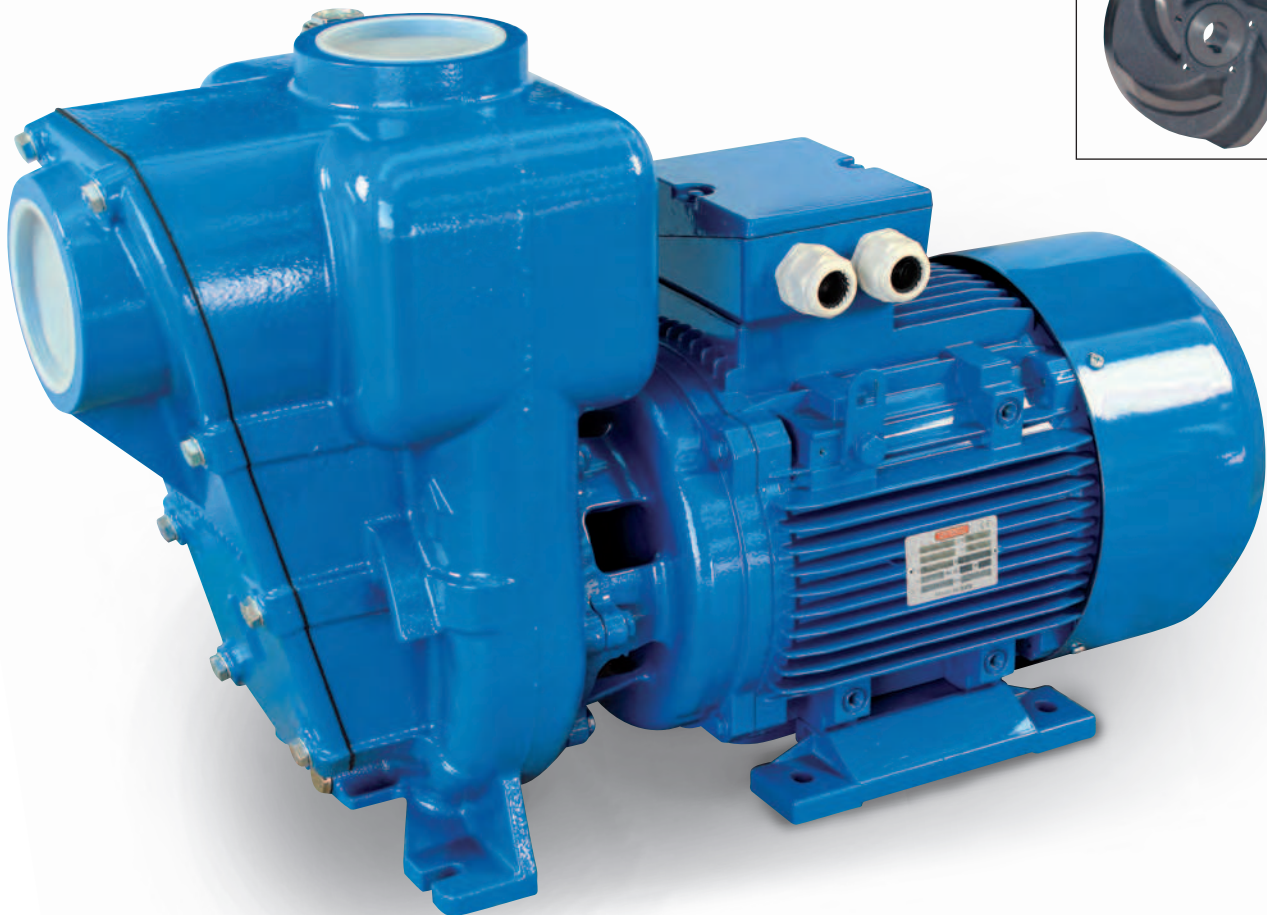
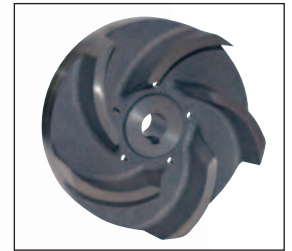
| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |     |       |     |     |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|-----|-------|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|----------------------|
|                          | A                              | B   | C     | E   | G   | H   | H1  | N   | DNA | DNM | P                               | L   | H   |                      |
| Trifásico<br>Three-phase |                                |     |       |     |     |     |     |     |     |     |                                 |     |     |                      |
| HG 80-4                  | 376,5                          | 252 | 628,5 | 179 | 277 | 443 | 350 | 198 | 3"  | 3"  | 372                             | 805 | 550 | 76,5                 |
| HG 80-5,5                | 424                            | 252 | 676   | 216 | 277 | 443 | 350 | 198 | 3"  | 3"  | 372                             | 805 | 550 | 90,5                 |
| HG 80-7,5                | 424                            | 252 | 676   | 216 | 277 | 443 | 350 | 190 | 3"  | 3"  | 372                             | 805 | 550 | 94                   |

### APLICACIONES

Electrobombas autoaspirantes monobloque con rodete abierto. La válvula de retención incorporada en la boca aspirante impide que con la parada se tenga el efecto sifón y asegura que se vuelva a aspirar en automático, con cada puesta en marcha la bomba vuelve a aspirar aunque esté llena solo parcialmente de líquido y con el tubo aspirante completamente vacío. Utilizadas para el drenaje de aguas limpias o ligeramente sucias, para el riego por inundación y en intervenciones de vaciado.

### APPLICATION

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### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Aislamiento Clase F
- Protección IP 55

### MATERIALES

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

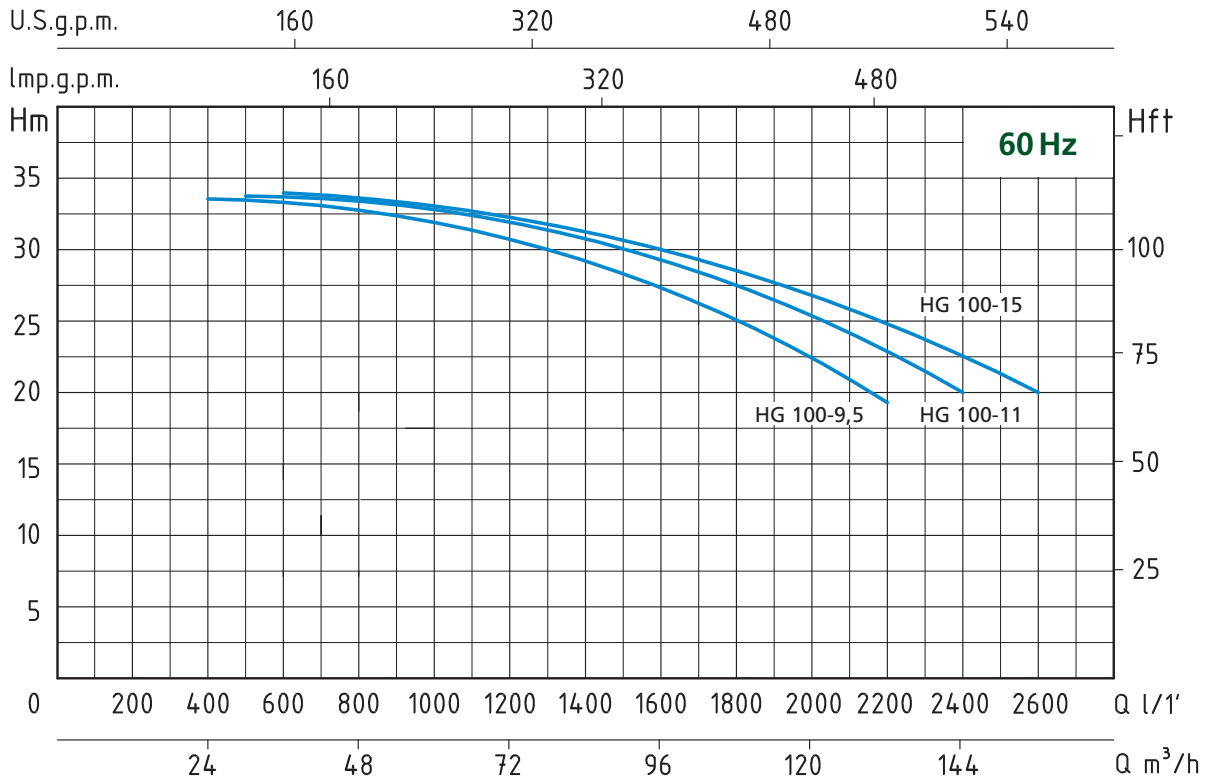
- *Liquid temperature up to 35°C (for home use according to EN 60335-2-41)*
- *Temperature max. liquid: 90°C (for other uses)*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### MOTOR

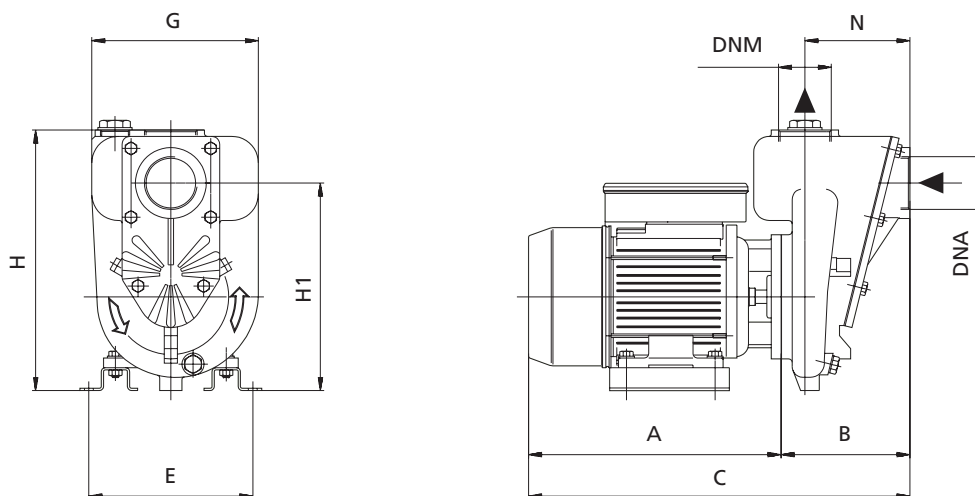
- *Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )*
- *Insulation Class F*
- *Protection IP 55*

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with motor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE                    | Q = CAPACIDAD - CAPACITY |  |    |      |      |    |    |      |     |      |     |       |     |     |     |      |      |      |      |      |      |      |
|--------------------------|---|-----|---|--------------------------------------|--------------------------|--|----|------|------|----|----|------|-----|------|-----|-------|-----|-----|-----|------|------|------|------|------|------|------|
|                          | P2                                      |     | P1                                      | Trifásico<br>Three-phase<br>3 x 380V | m³/h                     | 24   | 30 | 36   | 60   | 78 | 96 | 120  | 132 | 144  | 156 | lt/1' | 400 | 500 | 600 | 1000 | 1300 | 1600 | 2000 | 2200 | 2400 | 2600 |
| Trifásico<br>Three-phase | HP                                      | kW  | kW                                      |                                      |                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |    |      |      |    |    |      |     |      |     |       |     |     |     |      |      |      |      |      |      |      |
| HG 100-9,5               | 12,5                                    | 9,2 | 14                                      | 22,5                                 | H<br>(m)                 | 33,5   | 33 | 32,5 | 31,5 | 30 | 27 | 22   | 19  |      |     |       |     |     |     |      |      |      |      |      |      |      |
| HG 100-11                | 15                                      | 11  | 16                                      | 26                                   |                          | 33,5   | 33 | 32   | 31   | 29 | 25 | 22,5 | 20  |      |     |       |     |     |     |      |      |      |      |      |      |      |
| HG 100-15                | 20                                      | 15  | 18                                      | 29                                   |                          |  |    | 34   | 33   | 32 | 30 | 27   | 25  | 22,5 | 20  |       |     |     |     |      |      |      |      |      |      |      |



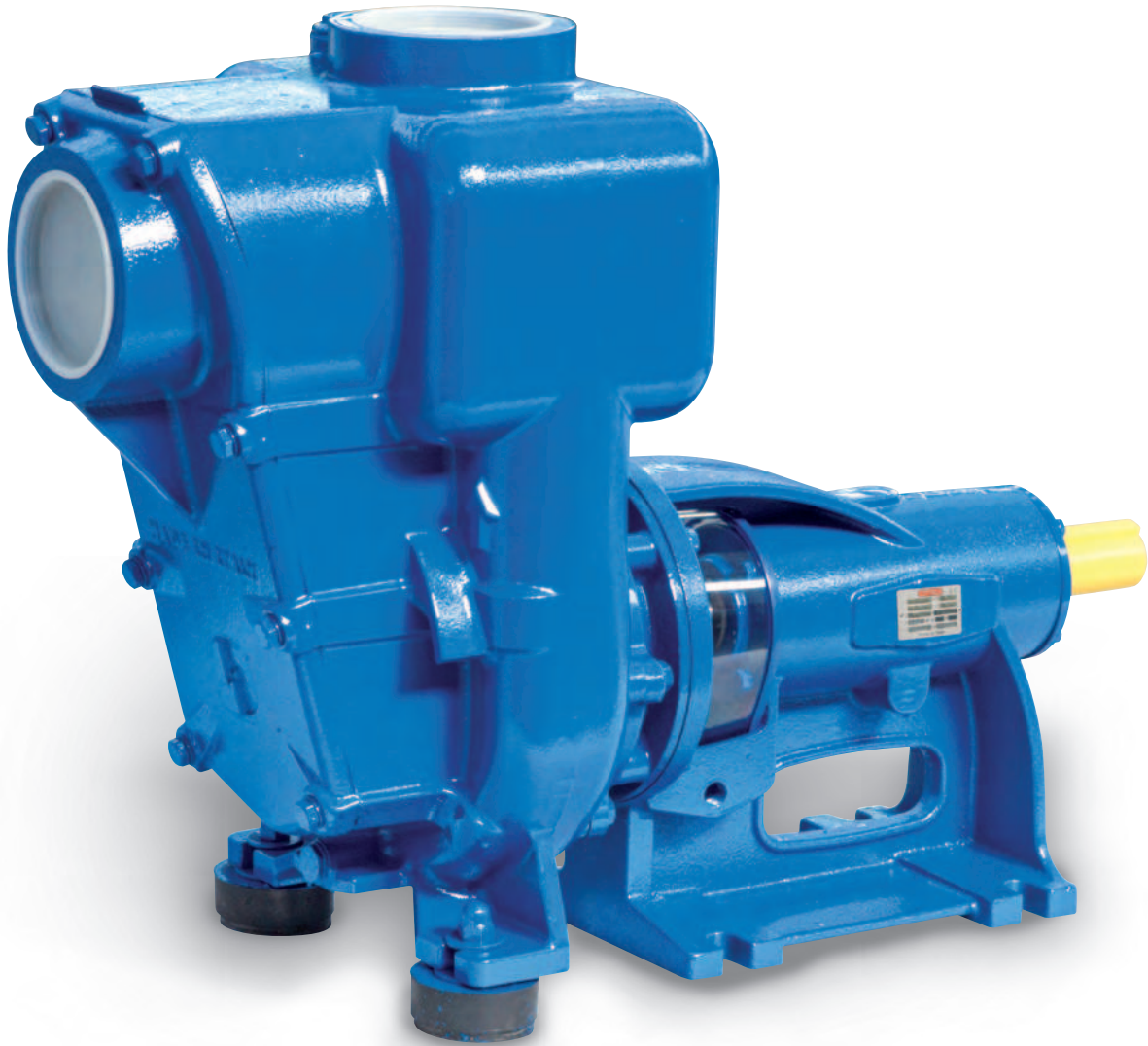
| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |       |       |     |     |     |     |     |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|-------|-------|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|----------------------|
|                          | A                              | B     | C     | E   | G   | H   | H1  | N   | DNA | DNM | P                               | L   | H   |                      |
| Trifásico<br>Three-phase |                                |       |       |     |     |     |     |     |     |     |                                 |     |     |                      |
| HG 100-9,5               | 552                            | 322,5 | 874,5 | 235 | 315 | 541 | 411 | 256 | 4"  | 4"  | 397                             | 935 | 635 | 161,5                |
| HG 100-11                | 552                            | 322,5 | 874,5 | 235 | 315 | 541 | 411 | 256 | 4"  | 4"  | 397                             | 935 | 635 | 162,5                |
| HG 100-15                | 552                            | 322,5 | 874,5 | 235 | 315 | 541 | 411 | 256 | 4"  | 4"  | 397                             | 935 | 635 | 172                  |

**APLICACIONES**

Bombas autoaspirantes de eje horizontal con rodete abierto. La válvula de retención incorporada en la boca aspirante impide que con la parada se tenga el efecto sifón y asegura que se vuelva a aspirar en automático, con cada puesta en marcha la bomba vuelve a aspirar aunque esté llena solo parcialmente de líquido y con el tubo aspirante completamente vacío. Utilizadas para el drenaje de aguas limpias o ligeramente sucias, para el riego por inundación y en intervenciones de vaciado.

**APPLICATION**

Horizontal axis selfpriming water pumps with open impeller. The check valve inside the suction outlet avoids the syphon effect when stopping and assures the automatic re-start each time. The pump selfprimes even if partially filled and if the suction hose is completely empty. Suitable to drain clean or slightly dirty water and in flood irrigation systems.

**LÍMITES DE USO**

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

**MATERIALES**

- |                     |                           |
|---------------------|---------------------------|
| - Cuerpo bomba      | Fundición                 |
| - Soporte del motor | Fundición                 |
| - Rodete            | Fundición                 |
| - Eje motor         | Acero inoxidable AISI 304 |
| - Juntas mecánicas  | Cerámica/Grafito/NBR      |

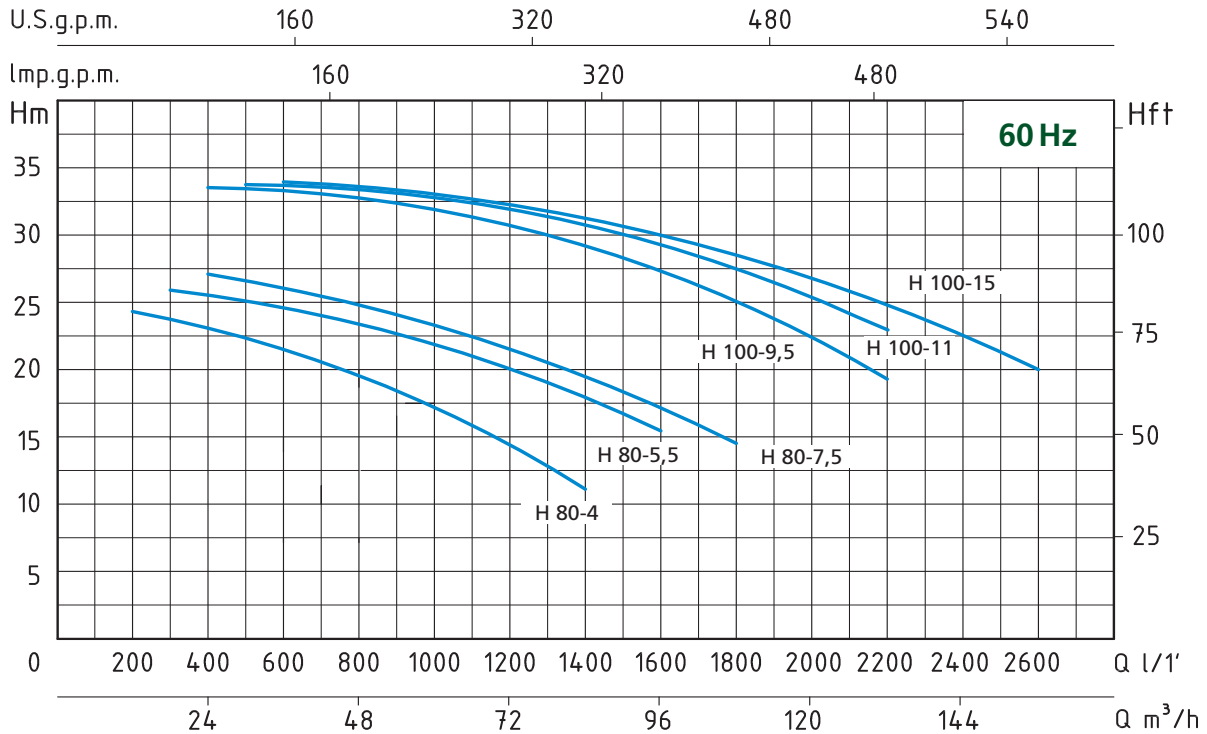
**OPERATING CONDITIONS**

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

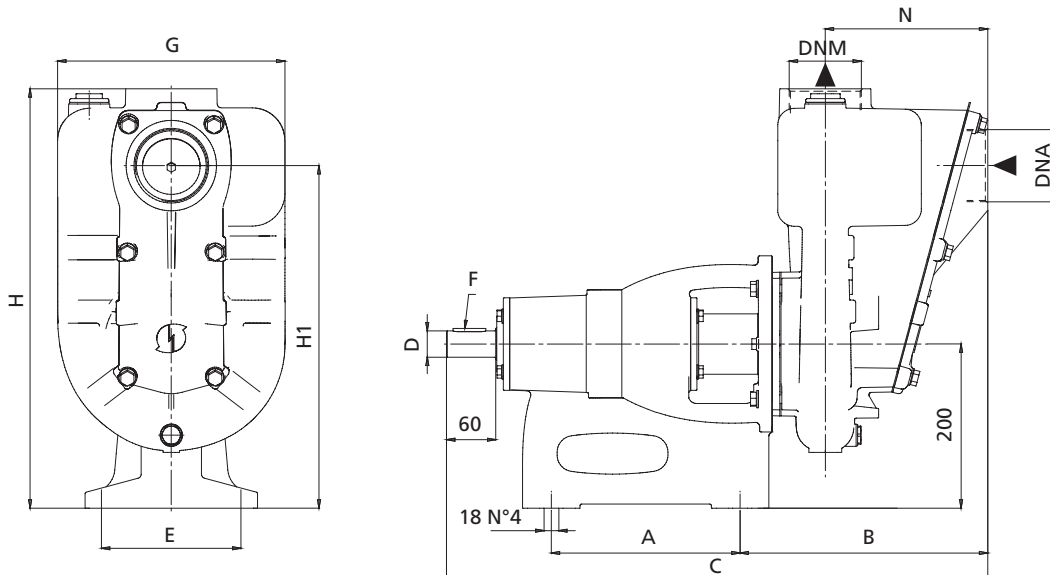
**MATERIALS**

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with motor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

# HORIZONTAL AXIS SELFPRIMING PUMPS



| TIPO - TYPE              | POTENCIA NOMINAL<br>NOMINAL POWER  |     | Q = CAPACIDAD - CAPACITY |     |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------|--|-----|--------------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                          | HP   | kW  | m³/h                     | 12  | 18   | 24   | 30   | 36   | 48   | 60   | 72   | 84   | 96   | 108  | 120  | 132  | 156  |
| Trifásico<br>Three-phase | P2   |     | lt/1'                    | 200 | 300  | 400  | 500  | 600  | 800  | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2600 |
|                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |                          |     |      |      |      |      |      |      |      |      |      |      |      |      |      |
| H 80-4                   | 5,5  | 4   | H<br>(m)                 | 24  | 23   | 22   | 21   | 20   | 19   | 17   | 14   | 11   |      |      |      |      |      |
| H 80-5,5                 | 7,5  | 5,5 |                          |     | 26,5 | 26   | 25   | 24,5 | 24   | 22,5 | 21   | 119  | 16,5 |      |      |      |      |
| H 80-7,5                 | 10   | 7,5 |                          |     |      | 27   | 26   | 25,5 | 25   | 23,5 | 22   | 20   | 17,5 | 14,5 |      |      |      |
| H 100-9,5                | 12,5   | 9,2 |                          |     |      | 33,5 | 33   | 32,5 | 31   | 31,5 | 30,5 | 29,5 | 27   | 24,5 | 22   | 19   |      |
| H 100-11                 | 15   | 11  |                          |     |      |      | 33,5 | 33   | 32,5 | 32   | 31,5 | 29,5 | 29   | 27   | 25   | 22,5 |      |
| H 100-15                 | 20   | 15  |                          |     |      |      |      | 34   | 33,5 | 33   | 32,5 | 30,5 | 30   | 28,5 | 27   | 25   | 20   |



| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |     |     |      |     |             |     |     |       |     |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |     |
|--------------------------|--------------------------------|-----|-----|------|-----|-------------|-----|-----|-------|-----|-----|---------------------------------|-----|-----|----------------------|-----|
|                          | A                              | B   | C   | D    | E   | F           | G   | H   | H1    | N   | DNA | DNM                             | P   | L   |                      | H   |
| Trifásico<br>Three-phase |                                |     |     |      |     |             |     |     |       |     |     |                                 |     |     |                      |     |
| H 80                     | 230                            | 302 | 660 | Ø 32 | 175 | 10 x 8 x 40 | 277 | 511 | 417,5 | 198 | 3"  | 3"                              | 350 | 810 | 700                  | 64  |
| H 100                    | 230                            | 420 | 767 | Ø 38 | 175 | 10 x 8 x 40 | 315 | 581 | 450,5 | 256 | 4"  | 4"                              | 350 | 810 | 700                  | 103 |



### APLICACIONES

Electrobombas sumergibles portátiles de funcionamiento automático.

Utilizadas para secar las aguas de infiltración; vaciado de locales inundados o cubas; drenaje de aguas de descarga limpias o ligeramente sucias; riego de huertos y jardines.

### APPLICATION

Hand-carry submersible automatic water pumps.

Able to drain infiltrating water, cellars or reservoirs, clean or slightly dirty water and for garden irrigation.

TSN 300/S



TS 400-800/S



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Máxima profundidad de inmersión 5 m.
- Paso de sólidos
 

|          |         |
|----------|---------|
| -TSN 300 | Ø 3 mm  |
| -TS 400  | Ø 8 mm  |
| -TS 800  | Ø 10 mm |
- Nivel mín. de aspiración
 

|          |       |
|----------|-------|
| -TSN 300 | 15 mm |
| -TS 400  | 20 mm |
| -TS 800  | 20 mm |

### MOTOR

- Protección amperométrica con rearme automático incorporado
- Condensador permanente activado
- Aislamiento Clase F
- Protección IP 68

### MATERIALES

- |                              |                           |
|------------------------------|---------------------------|
| - Manilla                    | Polipropileno             |
| - Cuerpo bomba               | Polipropileno             |
| - Rodete                     | Noryl                     |
| - Caja del motor             | Acero inoxidable AISI 304 |
| - Eje motor                  | Acero inoxidable AISI 304 |
| - Triple anillo de retención |                           |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet
 

|          |        |
|----------|--------|
| -TSN 300 | Ø 3mm  |
| -TS 400  | Ø 8mm  |
| -TS 800  | Ø 10mm |
- Min. suction level
 

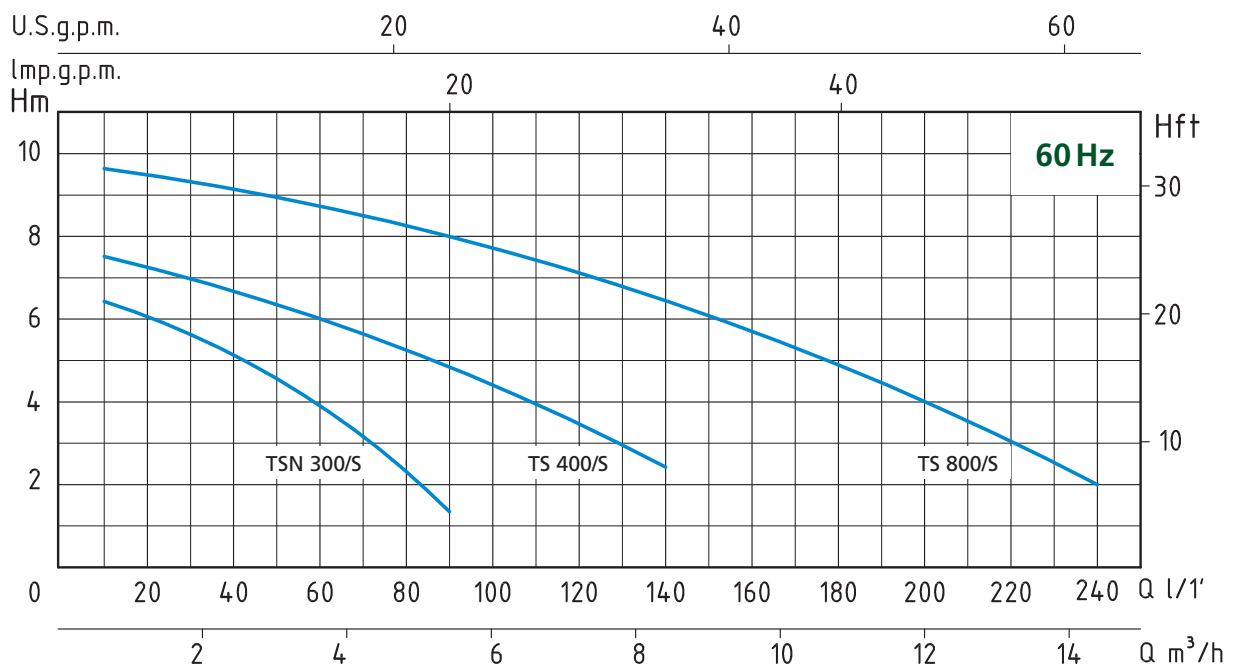
|          |      |
|----------|------|
| -TSN 300 | 15mm |
| -TS 400  | 20mm |
| -TS 800  | 20mm |

### MOTOR

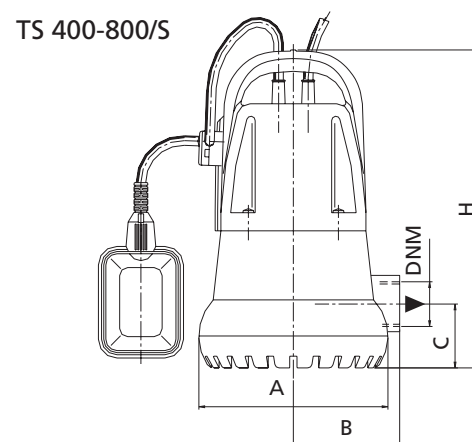
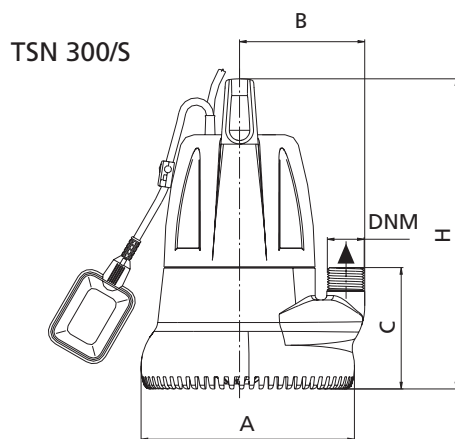
- Built-in overload motor protector with automatic reset
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Handle           | Moplen                   |
| - Pump body        | Moplen                   |
| - Impeller         | Noryl                    |
| - Motor casing     | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Triple oil seal  |                          |



| TIPO<br>TYPE               | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Condensador<br>Capacitor | Q = CAPACIDAD - CAPACITY   |     |     |     |     |     |     |     |      |      |  |  |
|----------------------------|---|----------------------------|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|------|------|--|--|
|                            |   |                            |                          | m³/h   | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 5,4 | 8,4 | 10,8 | 14,4 |  |  |
| Monofásico<br>Single-phase | P1                                      | Monofásico<br>Single-phase | µf                       | lt/1'  | 10  | 20  | 30  | 40  | 60  | 90  | 140 | 180  | 240  |  |  |
| 220V-60Hz                  | Watt                                    | 1 x 220V                   |                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |      |      |  |  |
| TSN 300/S                  | 300 W                                   | 1,6                        | 5                        | H (m)  | 6,3 | 5,5 | 5,1 | 4,3 | 3,5 | 1,3 |     |      |      |  |  |
| TS 400/S                   | 400 W                                   | 2                          | 8                        |  | 7,5 | 6,8 | 6,5 | 6   | 5,5 | 4,5 | 2,3 |      |      |  |  |
| TS 800/S                   | 800 W                                   | 3,8                        | 20                       |  | 9,7 | 9,5 | 9,2 | 9   | 8,7 | 8   | 6,6 | 5    | 2    |  |  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |      |              | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|-----|-----|-----|------|--------------|---------------------------------|-----|-----|----------------------|
|                            | A                              | B   | C   | H   | DNM  | CABLE        | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |     |     |     |      |              |                                 |     |     |                      |
| TSN 300/S                  | 180                            | 113 | 112 | 280 | 1"   | 10 mt H05RNF | 222                             | 218 | 316 | 4,8                  |
| TS 400/S                   | 180                            | 94  | 60  | 300 | 1" ¼ | 10 mt H07RNF | 205                             | 232 | 355 | 5,9                  |
| TS 800/S                   | 180                            | 94  | 60  | 350 | 1" ¼ | 10 mt H07RNF | 205                             | 232 | 396 | 8,4                  |

### APLICACIONES

Las electrobombas sumergidas con rodete retraído son especialmente adecuadas para desplazar líquidos cargados, incluso con sustancias sólidas en suspensión. Utilizadas para vaciar aguas de infiltración, vaciado de pozos negros y descarga, elevación de agua para trasvase o riego, vaciado de cubas y piscinas de aguas claras y cargadas, turbias y fangosas.

### APPLICATION

Submersible water pumps with back impeller suitable to lift waste liquids even with suspended solids. Able to drain infiltrating water, cesspools or reservoirs, decanting water and clean, dirty or muddy swimming pools.

TF 400/S



TF 800-1000/S



### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Máxima profundidad de inmersión 5 m.
- Paso de sólidos Ø 25 mm (TF 400 S)
- Paso de sólidos Ø 30 mm
- Nivel mín. de aspiración 40 mm

### MOTOR

- Protección amperométrica con rearme automático incorporado
- Condensador permanente activado
- Aislamiento Clase F
- Protección IP 68

### MATERIALES

- Manilla: Polipropileno
- Cuerpo bomba: Polipropileno
- Rodete: Noryl
- Rodete (TF 1000 S): Latón
- Caja del motor: Acero inoxidable AISI 304
- Eje motor: Acero inoxidable AISI 304
- Triple anillo de retención

### OPERATING CONDITIONS

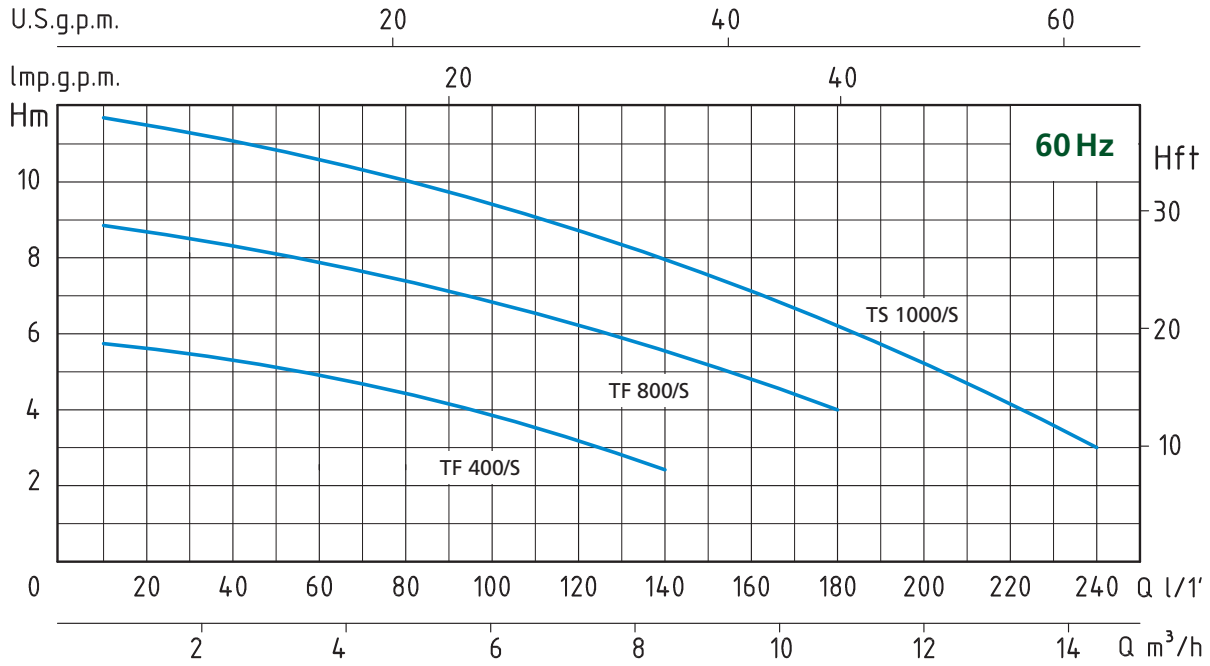
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet Ø 25 mm (TF 400 S)
- Grain size inlet Ø 30 mm
- Min. suction level 40 mm

### MOTOR

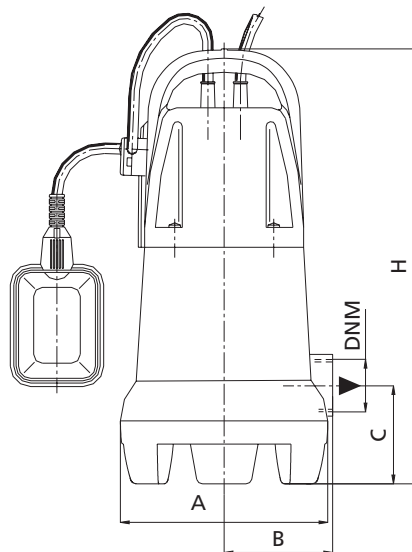
- Built-in overload motor protector with automatic reset
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

### MATERIALS

- Handle: Moplen
- Pump body: Moplen
- Impeller: Noryl
- Impeller (TF 1000 S): Brass
- Motor casing: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Triplo oil seal



| TIPO<br>TYPE               | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Condensador<br>Capacitor | Q = CAPACIDAD - CAPACITY   |       |     |      |      |      |      |     |      |      |       |    |    |    |    |    |    |     |     |     |
|----------------------------|---|----------------------------|--------------------------|--|-------|-----|------|------|------|------|-----|------|------|-------|----|----|----|----|----|----|-----|-----|-----|
|                            |   |                            |                          | m³/h   | 0,6   | 1,2 | 1,8  | 2,4  | 3,6  | 5,4  | 8,4 | 10,8 | 14,4 | lt/1' | 10 | 20 | 30 | 40 | 60 | 90 | 140 | 180 | 240 |
| Monofásico<br>Single-phase | P1                                      | Monofásico<br>Single-phase | µf                       | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |       |     |      |      |      |      |     |      |      |       |    |    |    |    |    |    |     |     |     |
| 220V-60Hz                  | Watt                                    | 1 x 220V                   |                          | TF 400/S   | 400 W | 2   | 8    | 5,9  | 5,8  | 5,7  | 5,2 | 4,6  | 3,9  | 2,2   |    |    |    |    |    |    |     |     |     |
|                            |   |                            | TF 800/S                 | 800 W  | 3,8   | 20  | 8,9  | 8,5  | 8,2  | 8    | 7,8 | 7    | 5,6  | 4     |    |    |    |    |    |    |     |     |     |
|                            |   |                            | TF 1000/S                | 1000 W   | 4,8   | 20  | 10,8 | 10,6 | 10,3 | 10,2 | 10  | 9    | 7,5  | 6     | 3  |    |    |    |    |    |     |     |     |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |    |    |     |        |              | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|----|----|-----|--------|--------------|---------------------------------|-----|-----|----------------------|
|                            | A                              | B  | C  | H   | DNM    | CABLE        | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |    |    |     |        |              |                                 |     |     |                      |
| TF 400/S                   | 178                            | 94 | 85 | 325 | 1" 1/4 | 10 mt H07RNF | 205                             | 232 | 355 | 6,1                  |
| TF 800/S                   | 178                            | 94 | 85 | 375 | 1" 1/4 | 10 mt H07RNF | 205                             | 232 | 396 | 8,3                  |
| TF 1000/S                  | 178                            | 94 | 85 | 375 | 1" 1/4 | 10 mt H07RNF | 205                             | 232 | 396 | 8,6                  |

### APLICACIONES

Electrobombas sumergibles de acero inoxidable portátiles de funcionamiento automático.

Utilizadas para secar las aguas de infiltración; vaciado de locales inundados o cubas, drenaje de aguas de descarga limpias o ligeramente sucias, riego de huertos y jardines.

### APPLICATION

Hand-carry submersible automatic water pumps in stainless steel.

Able to drain infiltrating water, cellars or reservoirs, clean or slightly dirty water and for garden irrigation.



SXG 400



SXG 600

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Máxima profundidad de inmersión 5 m.
- Paso de sólidos
  - SXG 400 Ø 8 mm
  - SXG 600 Ø 10 mm
- Nivel mín. de aspiración
  - SXG 400 Ø 15 mm
  - SXG 600 Ø 20 mm

### MOTOR

- Protección amperométrica con rearme automático incorporado
- Condensador permanente activado
- Aislamiento Clase F
- Protección IP 68

### MATERIALES

- Cuerpo bomba: Acero inoxidable AISI 304
- Rodete: Noryl
- Caja del motor: Acero inoxidable AISI 304
- Eje motor: Acero inoxidable AISI 304
- Doble anillo de retención

### OPERATING CONDITIONS

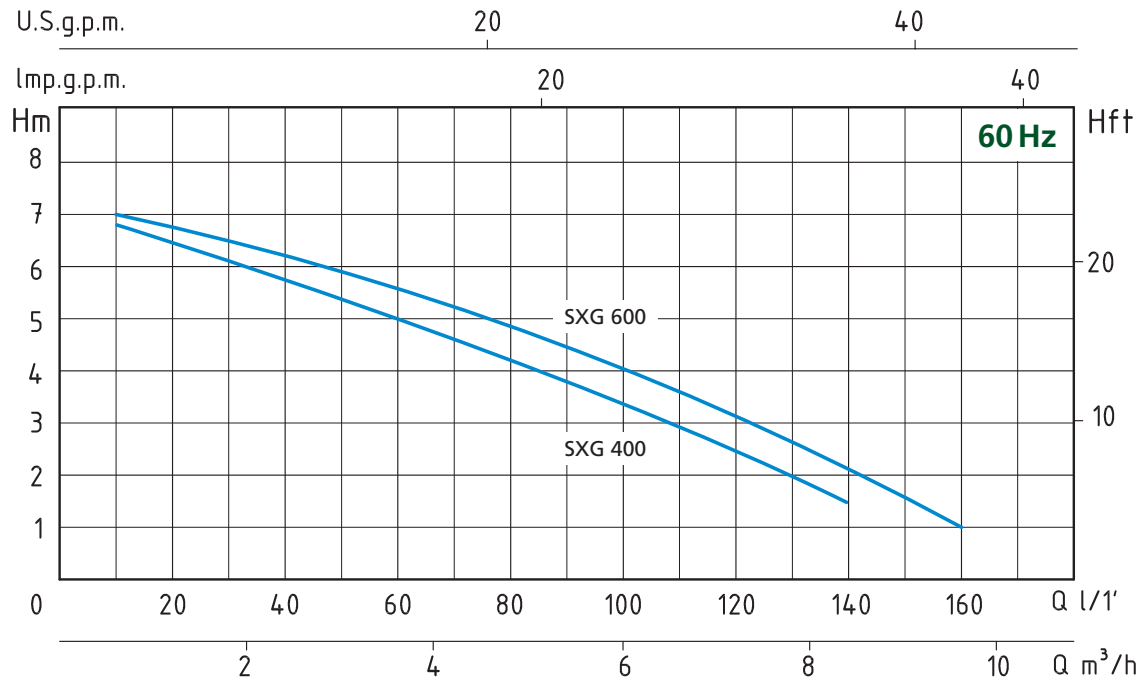
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet
  - SXG 400 Ø 8mm
  - SXG 600 Ø 10mm
- Min. suction level
  - SXG 400 15mm
  - SXG 600 20mm

### MOTOR

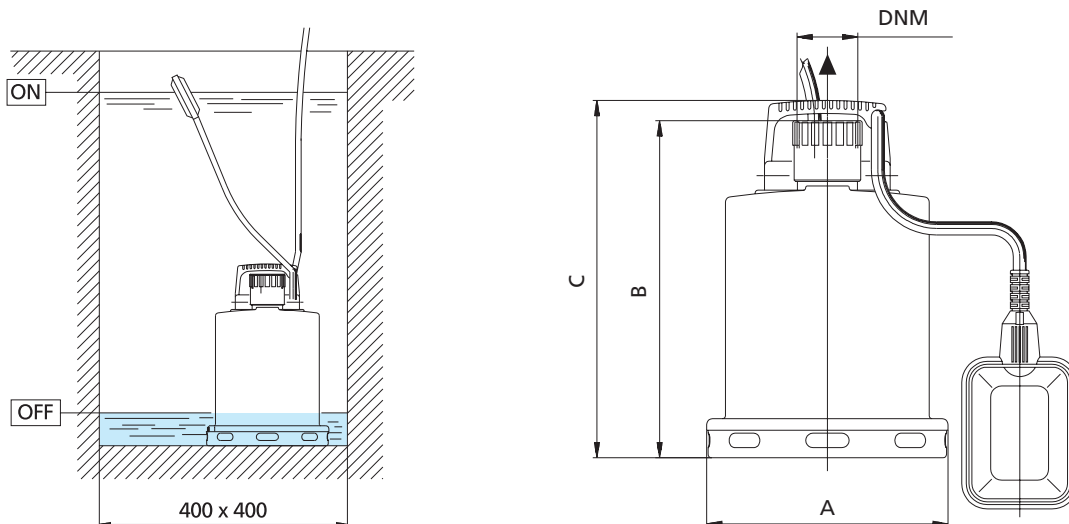
- Built-in overload motor protector with automatic reset
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

### MATERIALS

- Pump body: Stainless Steel AISI 304
- Impeller: Noryl
- Motor casing: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Double oil seal



| TIPO<br>TYPE               | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Condensador<br>Capacitor | Q = CAPACIDAD - CAPACITY   |     |     |     |     |     |     |     |     |     |  |
|----------------------------|---|----------------------------|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
|                            |   |                            |                          | m <sup>3</sup> /h  | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 5,4 | 7,2 | 8,4 | 9,6 |  |
| Monofásico<br>Single-phase | P1                                      | Monofásico<br>Single-phase | µf                       | lt/1'  | 10  | 20  | 30  | 40  | 60  | 90  | 120 | 140 | 160 |  |
| 220V-60Hz                  | Watt                                    | 1 x 220V                   |                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |  |
| SXG 400                    | 400 W                                   | 2                          | 8                        | H (m)  | 6,8 | 6,5 | 6,2 | 5,8 | 5   | 3,4 | 2,2 | 1,5 |     |  |
| SXG 600                    | 550 W                                   | 3                          | 8                        |  | 7   | 6,8 | 6,7 | 6,5 | 5,5 | 4,5 | 3   | 2   | 1   |  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |      |              | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|-----|-----|------|--------------|---------------------------------|-----|-----|----------------------|
|                            | A                              | B   | C   | DNM  | CABLE        | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |     |     |      |              |                                 |     |     |                      |
| SXG 400                    | 167                            | 220 | 247 | 1" ¼ | 10 mt H07RNF | 223                             | 217 | 330 | 6,1                  |
| SXG 600                    | 167                            | 220 | 247 | 1" ¼ | 10 mt H07RNF | 223                             | 217 | 330 | 6,1                  |

### APLICACIONES

Electrobomba sumergible inoxidable para drenaje con rodete de acero inoxidable, adecuada para vaciar fosas de decantación y para bombear aguas residuales para uso doméstico y civil. Se pueden usar también para agua ligeramente ácida.

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)
- Máxima profundidad de inmersión 5 m.
- Paso de sólidos Ø 35 mm
- Nivel mín. de aspiración 65 mm
- Servicio continuo

### MOTOR

- Doble cámara con motor en baño de aceite para enfriamiento y lubricación de los cojinetes
- Junta mecánica en baño de aceite
- Condensador permanente activado
- Aislamiento Clase F
- Protección IP 68

### MATERIALES

- |                         |                           |
|-------------------------|---------------------------|
| - Manilla de Acero      | Inoxidable AISI 304       |
| - Caja del motor        | Acero inoxidable AISI 304 |
| - Cuerpo bomba          | Fundición                 |
| - Rodete de Acero       | Inoxidable AISI 304       |
| - Rejilla de aspiración | Acero inoxidable AISI 304 |
| - Eje motor             | Acero inoxidable AISI 304 |
| - Junta mecánica        | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet Ø 35 mm
- Min. suction level 65 mm
- Continuous duty

### MOTOR

- Dual chamber with oil bath motor for cooling and bearing lubrication
- Mechanical seal in oil bath
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

### MATERIALS

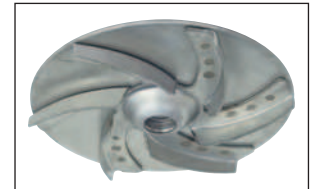
- |                    |                          |
|--------------------|--------------------------|
| - Handle           | Stainless Steel AISI 304 |
| - Motor casing     | Stainless Steel AISI 304 |
| - Pump body        | Cast Iron                |
| - Impeller         | Stainless Steel AISI 304 |
| - Suction grid     | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

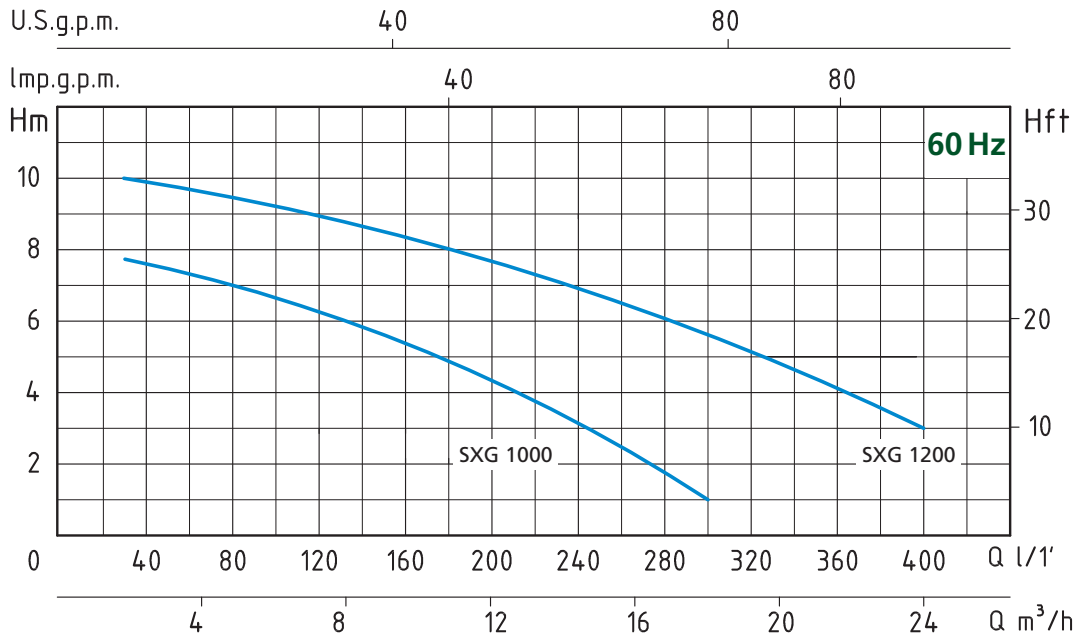
### APPLICATION

Drainage submersible stainless steel water pumps with stainless steel impeller.

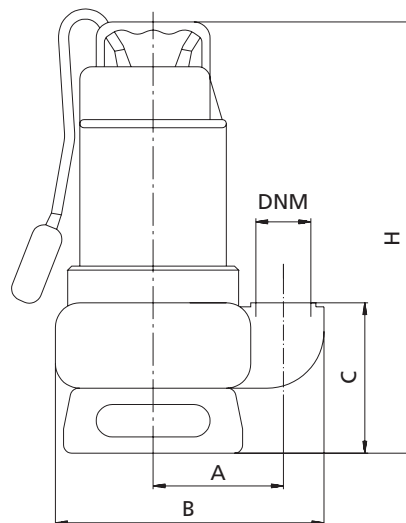
Able to drain decanting cesspools and to pump waste water for domestic and civil purposes.

They can also be used for slightly acidic water.





| TIPO<br>TYPE               | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Condensador<br>Capacitor | Q = CAPACIDAD - CAPACITY   |     |     |     |     |     |     |     |     |     |     |  |
|----------------------------|---|----------------------------|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
|                            |   |                            |                          | m <sup>3</sup> /h  | 1,8 | 3,6 | 5,4 | 7,2 | 9   | 12  | 15  | 18  | 21  | 24  |  |
| Monofásico<br>Single-phase | P1                                      | Monofásico<br>Single-phase | µf                       | lt/1'  | 30  | 60  | 90  | 120 | 150 | 200 | 250 | 300 | 350 | 400 |  |
| 220V-60Hz                  | Watt                                    | 1 x 220V                   |                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |     |  |
| <b>SXG 1000</b>            | 1100 W                                  | 5                          | 16                       | H (m)  | 7,8 | 7,5 | 7   | 6,2 | 5,8 | 4,2 | 3   | 1   |     |     |  |
| <b>SXG 1200</b>            | 1400 W                                  | 6,5                        | 20                       |  | 10  | 9,5 | 9,2 | 8,5 | 8,2 | 7,8 | 6,5 | 5,8 | 4,2 | 3   |  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |     |     |        |              | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|-----|-----|-----|--------|--------------|---------------------------------|-----|-----|----------------------|
|                            | A                              | B   | C   | H   | DNM    | CABLE        | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |     |     |     |        |              |                                 |     |     |                      |
| <b>SXG 1000</b>            | 112                            | 232 | 131 | 368 | 1" 1/2 | 10 mt H07RNF | 195                             | 232 | 415 | 13,1                 |
| <b>SXG 1200</b>            | 112                            | 232 | 131 | 368 | 2"     | 10 mt H07RNF | 195                             | 232 | 415 | 14,4                 |



### APLICACIONES

Electrobomba sumergible inoxidable para drenaje con rodete de acero inoxidable, adecuada para vaciar fosas de decantación y para bombear aguas residuales para uso doméstico y civil.

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Máxima profundidad de inmersión 5 m.
- Paso de sólidos Ø 35 mm
- Nivel mín. de aspiración 65 mm
- Servicio continuo

### MOTOR

- Doble cámara con motor en baño de aceite para enfriamiento y lubricación de los cojinetes
- Junta mecánica en baño de aceite
- Condensador permanente activado
- Aislamiento Clase F
- Protección IP 68

### MATERIALES

- |                         |                           |
|-------------------------|---------------------------|
| - Manilla               | Acero inoxidable AISI 304 |
| - Caja del motor        | Acero inoxidable AISI 304 |
| - Cuerpo bomba          | Acero inoxidable AISI 304 |
| - Rodete                | Acero inoxidable AISI 304 |
| - Rejilla de aspiración | Acero inoxidable AISI 304 |
| - Eje motor             | Acero inoxidable AISI 304 |
| - Junta mecánica        | Cerámica/Grafito/NBR      |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet Ø 35 mm
- Min. suction level 65 mm
- Continuous duty

### MOTOR

- Dual chamber with oil bath motor for cooling and bearing lubrication
- Mechanical seal in oil bath
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

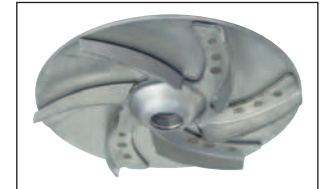
### MATERIALS

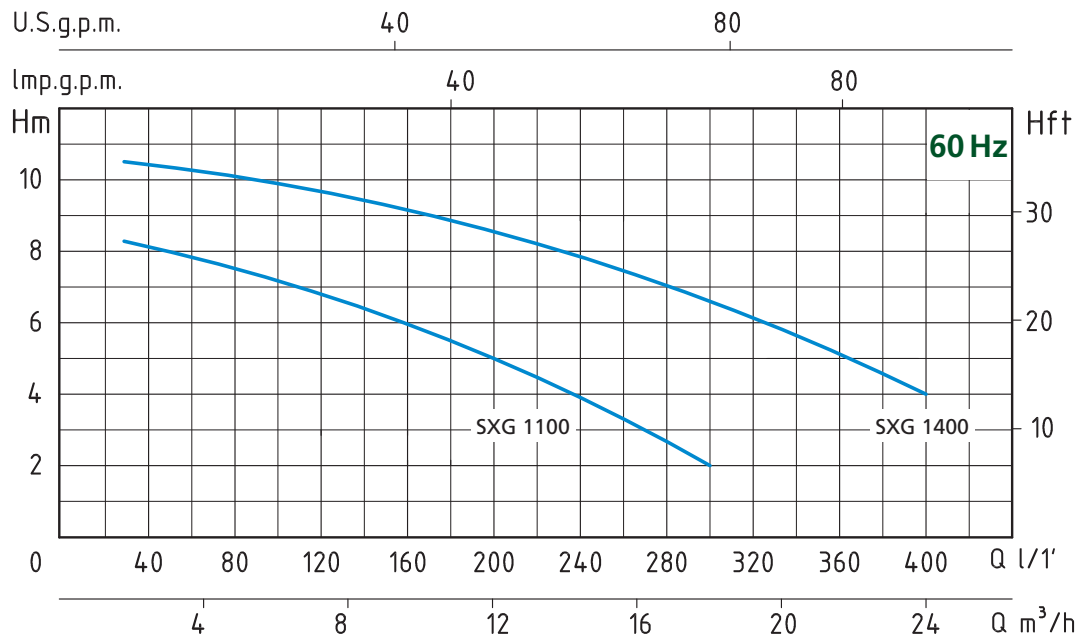
- |                    |                          |
|--------------------|--------------------------|
| - Handle           | Stainless Steel AISI 304 |
| - Motor casing     | Stainless Steel AISI 304 |
| - Pump body        | Stainless Steel AISI 304 |
| - Impeller         | Stainless Steel AISI 304 |
| - Suction grid     | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

### APPLICATION

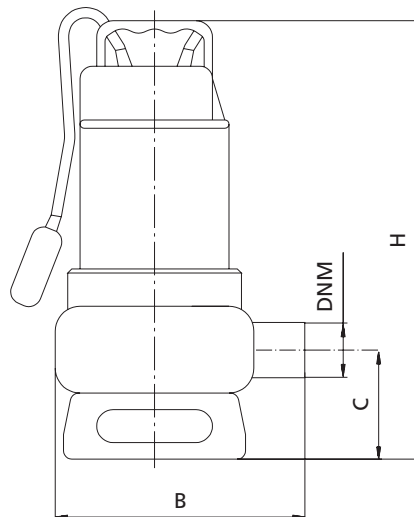
Drainage submersible stainless steel water pumps with stainless steel impeller.

Able to drain decanting cesspools and to pump waste water for domestic and civil purposes.





| TIPO<br>TYPE               | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Condensador<br>Capacitor | Q = CAPACIDAD - CAPACITY   |      |      |     |     |     |     |     |     |     |     |  |  |  |
|----------------------------|---|----------------------------|--------------------------|--|------|------|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|
|                            |   |                            |                          | m³/h   | 1,8  | 3,6  | 5,4 | 7,2 | 9   | 12  | 15  | 18  | 21  | 24  |  |  |  |
| Monofásico<br>Single-phase | P1                                      | Monofásico<br>Single-phase | µf                       | lt/1'  | 30   | 60   | 90  | 120 | 150 | 200 | 250 | 300 | 350 | 400 |  |  |  |
| 220V-60Hz                  | Watt                                    | 1 x 220V                   |                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |      |     |     |     |     |     |     |     |     |  |  |  |
| <b>SXG 1100</b>            | 1100 W                                  | 5                          | 16                       | H (m)  | 8,2  | 8    | 7,5 | 7   | 6,5 | 5   | 3,9 | 2   |     |     |  |  |  |
| <b>SXG 1400</b>            | 1400 W                                  | 6,5                        | 20                       |  | 10,5 | 10,2 | 10  | 9,2 | 8,8 | 8,5 | 7,8 | 6,2 | 5   | 4   |  |  |  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |    |     |        |              | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|----------------------------|--------------------------------|----|-----|--------|--------------|---------------------------------|-----|-----|----------------------|
|                            | B                              | C  | H   | DNM    | CABLE        | P                               | L   | H   |                      |
| Monofásico<br>Single-phase |                                |    |     |        |              |                                 |     |     |                      |
| <b>SXG 1100</b>            | 213                            | 92 | 366 | 1" 1/2 | 10 mt H07RNF | 195                             | 232 | 415 | 10,2                 |
| <b>SXG 1400</b>            | 213                            | 92 | 366 | 2"     | 10 mt H07RNF | 195                             | 232 | 415 | 11,5                 |

### APLICACIONES

Electrobomba para drenaje con rodete, sumergible abierto raedor, con rejilla filtrante. Adecuadas para elevar aguas claras con pequeños cuerpos en suspensión, para agua de lluvia y de infiltraciones y para el vaciado de agua pluvial o de captación.

### LÍMITES DE USO

- Temperatura del líquido hasta 35 °C  
(para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Máxima profundidad de inmersión 20 m.  
(con cable de longitud adecuada)
- Paso de sólidos Ø 10 mm
- Nivel mín. de aspiración 100 mm
- Servicio continuo

### MOTOR

- Aislamiento Clase F
- Protección IP 68
- Protector térmico (solo monofásico)

### MATERIALES

- |                                       |                           |
|---------------------------------------|---------------------------|
| - Cuerpo del motor                    | Fundición                 |
| - Cuerpo bomba                        | Fundición                 |
| - Rodete                              | Fundición                 |
| - Eje motor                           | Acero inoxidable AISI 304 |
| - Rejilla                             | Acero inoxidable AISI 304 |
| - Junta mecánica con cámara de aceite | Silicio/Silicio/NBR       |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 20 mt.  
(with a cable of the appropriate length)
- Grain size inlet Ø 10 mm
- Min. suction level 100 mm
- Continuous duty

### MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

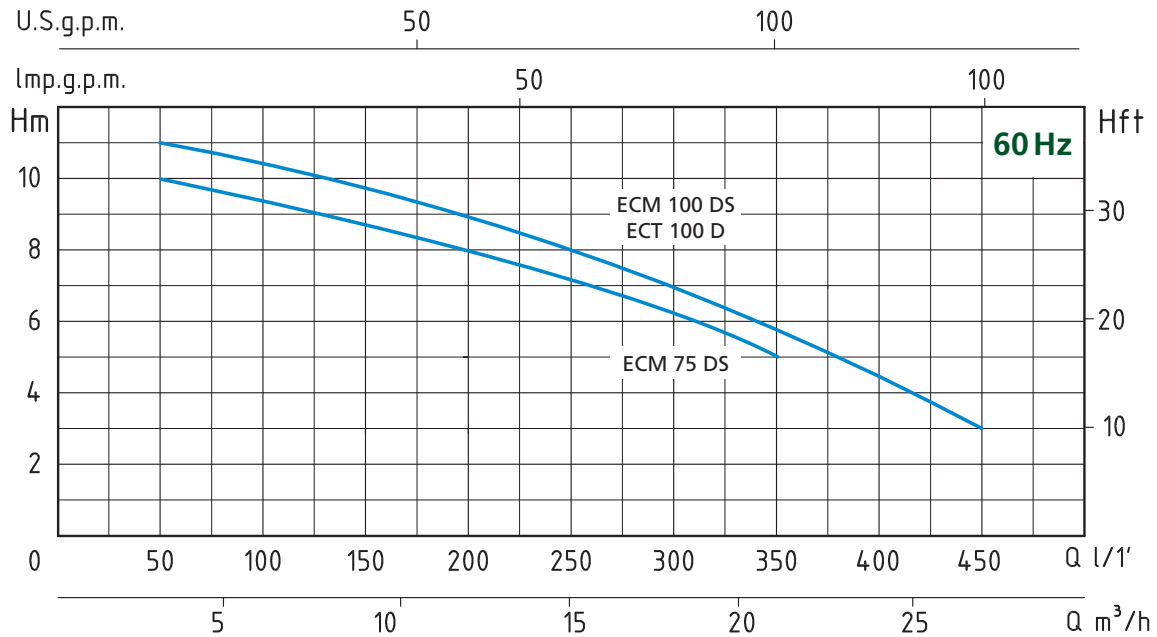
### MATERIALS

- |                                    |                          |
|------------------------------------|--------------------------|
| - Motor body                       | Cast Iron                |
| - Pump body                        | Cast Iron                |
| - Impeller                         | Cast Iron                |
| - Shaft with rotor                 | Stainless Steel AISI 304 |
| - Suction strainer                 | Stainless Steel AISI 304 |
| - Mechanical seal with oil chamber | Silicon/Silicon/NBR      |

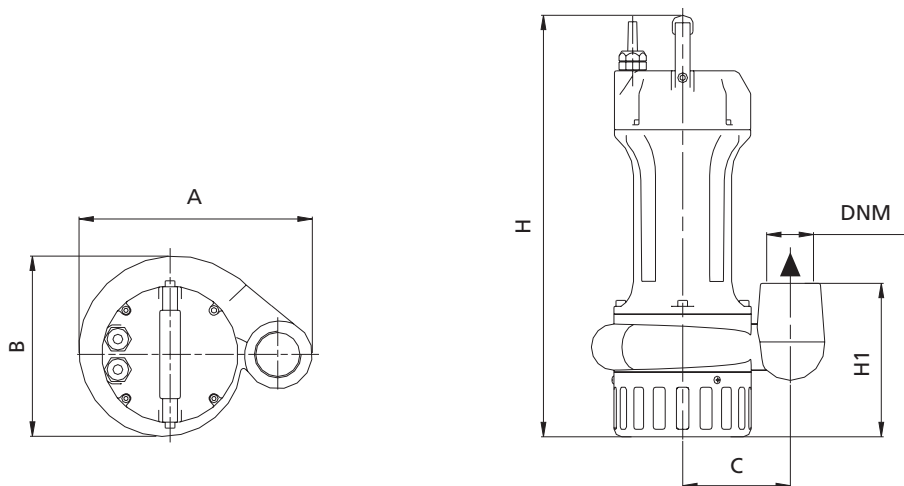
### APPLICATION

Submersible drainage pumps with plunged open impeller with grid. Suitable for clean waters, even with small suspended solids, for drainage of flowing and collection rain waters.





| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |          |       |    |     |     |     |     |     |     |
|----------------------------|--------------------------|---|------|---|----------------------------|--------------------------|--|----------|-------|----|-----|-----|-----|-----|-----|-----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                      |      | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | m³/h   | 3        | 6     | 9  | 12  | 15  | 18  | 21  | 24  | 27  |
|                            |                          | HP                                      | kW   | kW                                      |                            |                          | 1 x 220V   | 3 x 380V | lt/1' | 50 | 100 | 150 | 200 | 250 | 300 | 350 |
| 220V-60Hz                  | 220/380V-60Hz            |   |      |   |                            |                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |          |       |    |     |     |     |     |     |     |
| ECM 75 DS                  |                          | 0,75                                    | 0,55 | 0,9                                     | 4                          |                          | H  | 10       | 9,5   | 9  | 8   | 7   | 6   | 5   |     |     |
| ECM 100 DS                 | ECT 100 D                | 1                                       | 0,75 | 1,1                                     | 4,8                        | 2,2                      | (m)  | 11       | 10,5  | 10 | 9   | 8   | 7   | 6   | 4,5 | 3   |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |        |              | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|-----|-----|-----|-----|--------|--------------|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | B   | C   | H   | H1  | DNM    | CABLE        | P                               | L   | H   | Kg             |
| ECM 75 DS                  |                          | 238                            | 184 | 110 | 440 | 157 | 1" 1/2 | 10 mt H07RNF | 204                             | 256 | 500 | 17,3           |
| ECM 100 DS                 | ECT 100 D                | 238                            | 184 | 110 | 440 | 157 | 1" 1/2 | 10 mt H07RNF | 204                             | 256 | 500 | 17,8           |

### APLICACIONES

Electrobombas para drenaje con rodete sumergido de tipo Vortex retraído.

Adecuadas para subir líquidos biológicos, ligeramente cargados y espumosos, líquidos residuales y depurados por rejillas con sustancias aceitosas, desagües de origen civil e industrial.

### LÍMITES DE USO

- Temperatura de líquido de hasta 35 °C  
(para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Máxima profundidad de inmersión 20 m.  
(con cable de longitud adecuada)
- Paso de sólidos Ø 30 mm
- Nivel mín. de aspiración 100 mm
- Servicio continuo

### MOTOR

- Aislamiento Clase F
- Protección IP 68
- Protector térmico (solo monofásico)

### MATERIALES

- |                                       |                           |
|---------------------------------------|---------------------------|
| - Cuerpo del motor                    | Fundición                 |
| - Cuerpo bomba                        | Fundición                 |
| - Rodete                              | Fundición                 |
| - Eje motor                           | Acero inoxidable AISI 304 |
| - Junta mecánica con cámara de aceite | Silicio/Silicio/NBR       |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 20 mt.  
(with a cable of the appropriate length)
- Grain size inlet Ø 30 mm
- Min. suction level 100 mm
- Continuous duty

### MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

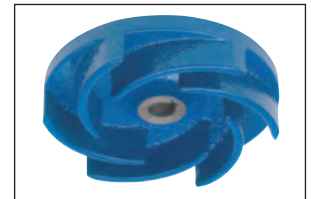
### MATERIALS

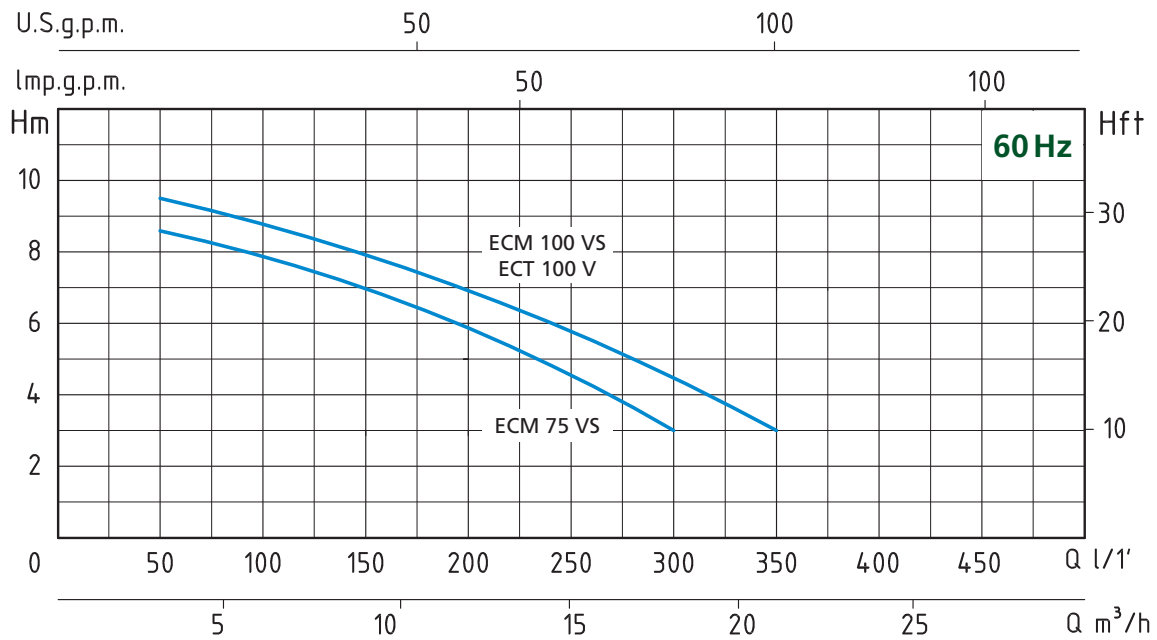
- |                                    |                          |
|------------------------------------|--------------------------|
| - Motor body                       | Cast Iron                |
| - Pump body                        | Cast Iron                |
| - Impeller                         | Cast Iron                |
| - Shaft with rotor                 | Stainless Steel AISI 304 |
| - Mechanical seal with oil chamber | Silicon/Silicon/NBR      |

### APPLICATION

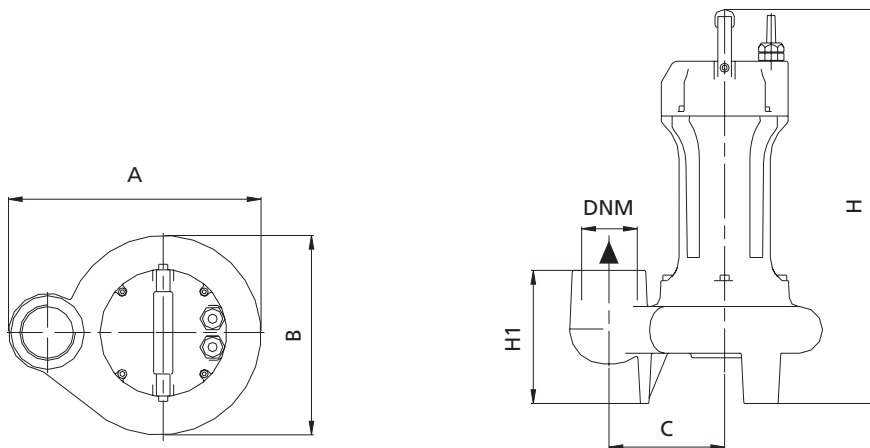
Submersible drainage pumps with plunged back impeller Vortex type.

Suitable in civil and industrial water systems, for cesspool drainage with slightly dirty or foamy liquids, for oily waters cleaned by grid.





| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER                                    |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |     |  |
|----------------------------|--------------------------|--|------|---|----------------------------|--------------------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|--|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2   |      | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | m³/h                     | 3   | 6   | 9   | 12  | 15  | 18  | 21  |  |
|                            |                          | HP   | kW   | kW                                      | 1 x 220V                   | 3 x 380V                 | lt/1'                    | 50  | 100 | 150 | 200 | 250 | 300 | 350 |  |
| 220V-60Hz                  | 220/380V-60Hz            | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |   |                            |                          |                          |     |     |     |     |     |     |     |  |
| ECM 75 VS                  |                          | 0,75   | 0,55 | 0,9                                     | 4                          |                          | H                        | 8,5 | 8   | 7   | 5,5 | 4   | 3   |     |  |
| ECM 100 VS                 | ECT 100 V                | 1  | 0,75 | 1,1                                     | 4,8                        | 2,2                      | (m)                      | 9,5 | 9   | 8   | 6,5 | 5   | 4   | 3   |  |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |     |              | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|-----|-----|-----|-----|-----|--------------|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | B   | C   | H   | H1  | DNM | CABLE        | P                               | L   | H   | Kg             |
| ECM 75 VS                  |                          | 278                            | 218 | 126 | 430 | 145 | 2"  | 10 mt H07RNF | 240                             | 290 | 505 | 19,4           |
| ECM 100 VS                 | ECT 100 V                | 278                            | 218 | 126 | 430 | 145 | 2"  | 10 mt H07RNF | 240                             | 290 | 505 | 19,7           |

### APLICACIONES

Electrobombas para drenaje con rodete sumergido de tipo Vortex retraído que permite amplios pasajes libres incluso integrales. Adecuadas para la elevación de líquidos biológicos y residuales, con sustancias coloidales y aceitosos y para desagües de origen civil e industrial.

### LÍMITES DE USO

- Temperatura de líquido de hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 50 °C (para otros usos)
- Máxima profundidad de inmersión 20 m. (con cable de longitud adecuada)
- Paso de sólidos Ø 40 mm
- Nivel mín. de aspiración 125 mm
- Servicio continuo.

### MOTOR

- Aislamiento Clase F
- Protección IP 68
- Protector térmico (solo monofásico)

### MATERIALES

- |   |   |
|---|---|
| - Cuerpo del motor                          | Fundición                                   |
| - Cuerpo bomba                              | Fundición                                   |
| - Rodete                                    | Fundición                                   |
| - Eje motor                                 | Acero inoxidable AISI 304                   |
| - Doble junta mecánica con cámara de aceite | Cerámica/Grafito/NBR<br>Silicio/Silicio/NBR |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 20 mt. (with a cable of the appropriate length)
- Grain size inlet Ø 40 mm
- Min. suction level 125 mm
- Continuous duty

### MOTOR

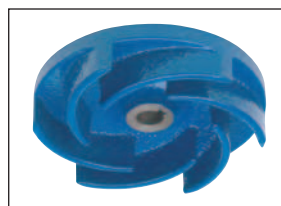
- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

### MATERIALS

- |   |   |
|---|---|
| - Motor body                            | Cast Iron                                   |
| - Pump body                             | Cast Iron                                   |
| - Impeller                              | Cast Iron                                   |
| - Shaft with rotor                      | Stainless Steel AISI 304                    |
| - Double mechanical seal in oil chamber | Ceramic/Graphite/NBR<br>Silicon/Silicon/NBR |

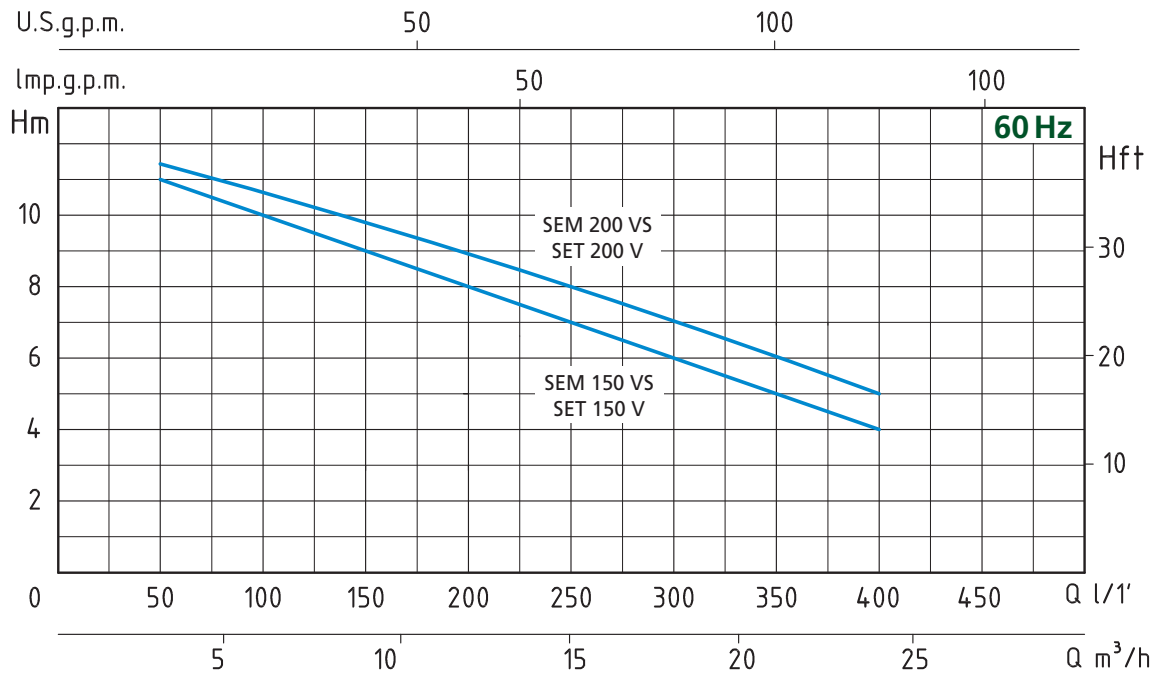
### APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.



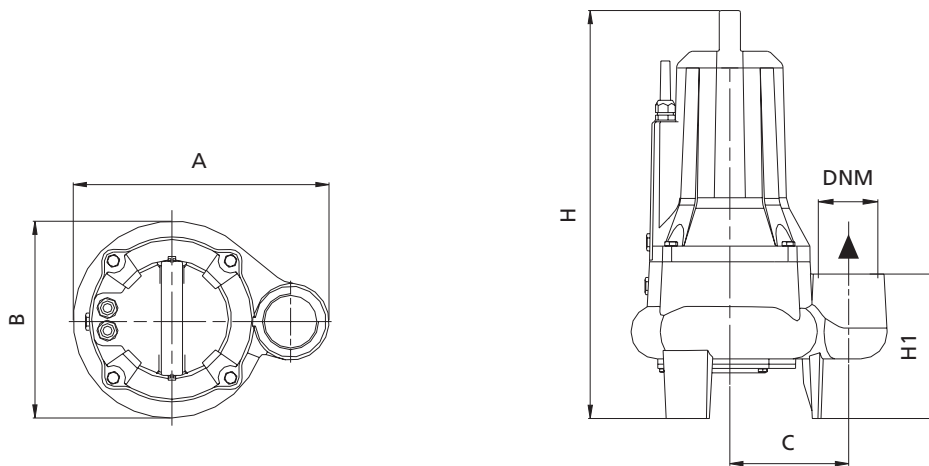
INCLUIDO EN LOS MODELOS MONOFÁSICOS  
INCLUDED IN THE SINGLE-PHASE MODELS





| TIPO TYPE               |                       | POTENCIA NOMINAL NOMINAL POWER |     | POTENCIA ABSORBIDA INPUT POWER | AMPERIO AMPERE          |                       | Q = CAPACIDAD - CAPACITY |      |     |     |     |     |     |     |     |
|-------------------------|-----------------------|--------------------------------|-----|--------------------------------|-------------------------|-----------------------|--------------------------|------|-----|-----|-----|-----|-----|-----|-----|
| Monofásico Single-phase | Trifásico Three-phase | P2                             |     | P1                             | Monofásico Single-phase | Trifásico Three-phase | m³/h                     | 3    | 6   | 9   | 12  | 15  | 18  | 21  | 24  |
| 220V-60Hz               | 220/380V-60Hz         | HP                             | KW  | KW                             | 1 x 220V                | 3 x 380V              | lt/1'                    | 50   | 100 | 150 | 200 | 250 | 300 | 350 | 400 |
| SEM 150 VS              | SET 150 V             | 1,5                            | 1,1 | 1,7                            | 7,5                     | 3,2                   | H                        | 11   | 10  | 9   | 8   | 7   | 6   | 5   | 4   |
| SEM 200 VS              | SET 200 V             | 2                              | 1,5 | 1,9                            | 8,5                     | 3,5                   | (m)                      | 11,5 | 11  | 10  | 9   | 8   | 7   | 6   | 5   |

Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c.



| TIPO TYPE               |                       | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |     |                |  | DIMENSIONES DIMENSIONS mm |     |     | PESO WEIGHT |
|-------------------------|-----------------------|--------------------------------|-----|-----|-----|-----|-----|----------------|--|---------------------------|-----|-----|-------------|
| Monofásico Single-phase | Trifásico Three-phase | A                              | B   | C   | H   | H1  | DNM | CABLE          | Paso de sólidos (mm) Grain size inlet (mm) | P                         | L   | H   | Kg          |
| SEM 150 VS              | SET 150 V             | 292                            | 225 | 135 | 495 | 165 | 2"  | 10 mt H07RN8-F | Ø 40                                       | 280                       | 350 | 585 | 40,5        |
| SEM 200 VS              | SET 200 V             | 292                            | 225 | 135 | 495 | 165 | 2"  | 10 mt H07RN8-F | Ø 40                                       | 280                       | 350 | 585 | 41,1        |



### APLICACIONES

Electrobombas para drenaje con rodete sumergido de tipo Vortex retraído que permite amplios pasajes libres incluso integrales. Adecuadas para la elevación de líquidos biológicos y residuales, con sustancias coloidales y aceitosos y para desagües de origen civil e industrial.

### LÍMITES DE USO

- Temperatura de líquido de hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 50 °C (para otros usos)
- Máxima profundidad de inmersión 20 m. (con cable de longitud adecuada)
- Paso de sólidos Ø 50 mm
- Nivel mín. de aspiración 140 mm
- Servicio continuo

### MOTOR

- Aislamiento Clase F
- Protección IP 68
- Protector térmico (solo monofásico)

### MATERIALES

- Cuerpo del motor Fundición
- Cuerpo bomba Fundición
- Rodete Fundición
- Eje del motor Acero inoxidable AISI 304
- Doble junta mecánica en cámara de aceite Cerámica/Grafito/NBR  
Silicio/Silicio/NBR

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 20 mt. (with a cable of the appropriate length)
- Grain size inlet Ø 50 mm
- Min. suction level 140 mm
- Continuous duty

### MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

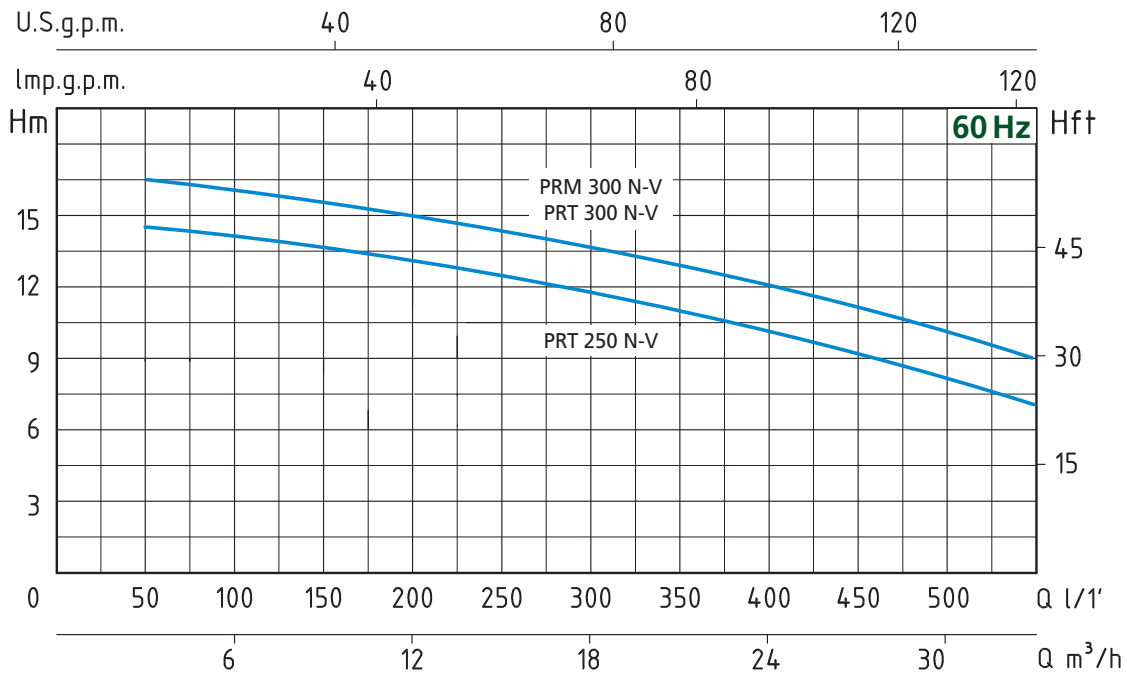
### MATERIALS

- Motor body Cast Iron
- Pump body Cast Iron
- Impeller Cast Iron
- Shaft with rotor Stainless Steel AISI 304
- Double mechanical seal in oil chamber Ceramic/Graphite/NBR  
Silicon/Silicon/NBR

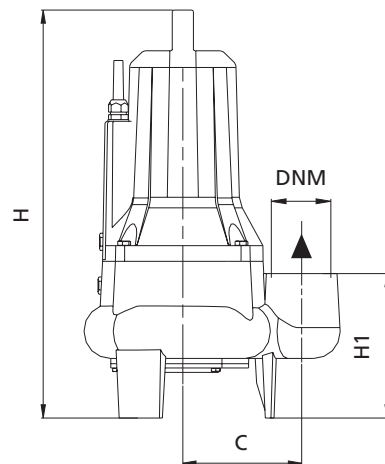
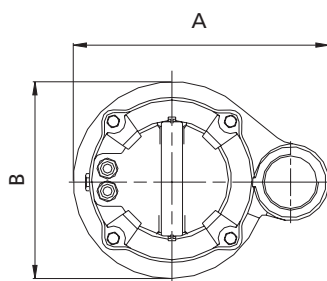
### APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.





| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |      |     |      |     |      |     |      |     |      |     |
|----------------------------|--------------------------|---|------|---|----------------------------|--------------------------|--|------|-----|------|-----|------|-----|------|-----|------|-----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                      |      | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |      |     |      |     |      |     |      |     |
|                            |                          | HP                                      | KW   | KW                                      |                            |                          | m³/h   | 3    | 6   | 9    | 12  | 15   | 18  | 21   | 24  | 27   | 30  |
| 220V-60Hz                  | 220/380V-60Hz            |   |      |   | 1 x 220V                   | 3 x 380V                 | lt/1'  | 50   | 100 | 150  | 200 | 250  | 300 | 350  | 400 | 450  | 600 |
|                            | PRT 250 N-V              | 2,5                                     | 1,85 | 2,6                                     |                            | 4,6                      | H  | 14,5 | 14  | 13,5 | 13  | 12,5 | 12  | 11,5 | 11  | 9    | 7   |
| PRM 300 N-V                | PRT 300 N-V              | 3                                       | 2,2  | 3                                       | 14                         | 5,5                      | (m)  | 16,5 | 16  | 15,5 | 15  | 14,5 | 14  | 13,5 | 13  | 11,5 | 9   |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |     |                |   | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|-----|-----|-----|-----|-----|----------------|---|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | B   | C   | H   | H1  | DNM | CABLE          | Paso de sólidos (mm)<br>Grain size inlet (mm) | P                               | L   | H   | Kg             |
|                            | PRT 250 N-V              | 339                            | 250 | 160 | 548 | 203 | 2"½ | 10 mt H07RN8-F | Ø 50  | 285                             | 380 | 702 | 47,5           |
| PRM 300 N-V                | PRT 300 N-V              | 339                            | 250 | 160 | 548 | 203 | 2"½ | 10 mt H07RN8-F | Ø 50  | 285                             | 380 | 702 | 50,3           |

### APLICACIONES

Electrobombas para drenaje con rodete sumergido de tipo Vortex retraído que permite amplios pasajes libres incluso integrales. Adecuadas para la elevación de líquidos biológicos y residuales, con sustancias coloidales y aceitosos y para desagües de origen civil e industrial.

### LÍMITES DE USO

- Temperatura de líquido de hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 50 °C (para otros usos)
- Máxima profundidad de inmersión 20 m. (con cable de longitud adecuada)
- Paso de sólidos Ø 70 mm
- Nivel mín. de aspiración 190 mm
- Servicio continuo

### MOTOR

- Aislamiento Clase F
- Protección IP 68

### MATERIALES

- |  |   |
|--|---|
| - Cuerpo del motor                         | Fundición                                   |
| - Cuerpo bomba                             | Fundición                                   |
| - Rodete                                   | Fundición                                   |
| - Eje del motor                            | Acero inoxidable AISI 304                   |
| - Doble junta mecánica en cámara de aceite | Cerámica/Grafito/NBR<br>Silicio/Silicio/NBR |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 20 mt. (with a cable of the appropriate length)
- Grain size inlet Ø 70 mm
- Min. suction level 190 mm
- Continuous duty

### MOTOR

- Insulation Class F
- Protection IP 68

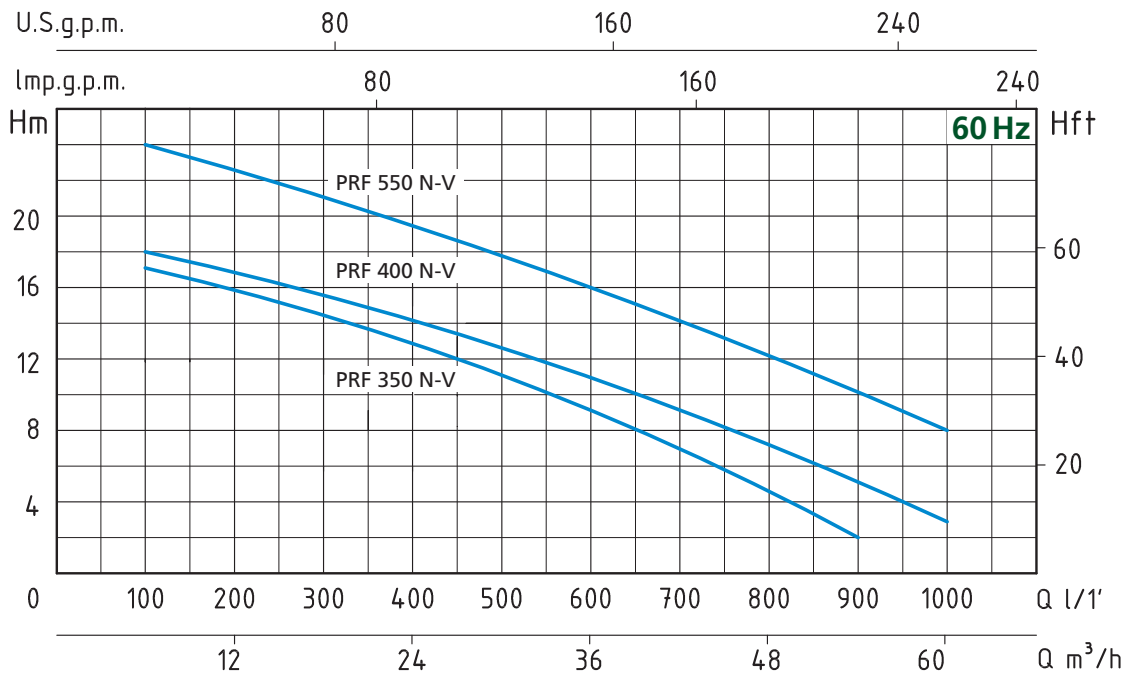
### MATERIALS

- |   |   |
|---|---|
| - Motor body                            | Cast Iron                                   |
| - Pump body                             | Cast Iron                                   |
| - Impeller                              | Cast Iron                                   |
| - Shaft with rotor                      | Stainless Steel AISI 304                    |
| - Double mechanical seal in oil chamber | Ceramic/Graphite/NBR<br>Silicon/Silicon/NBR |

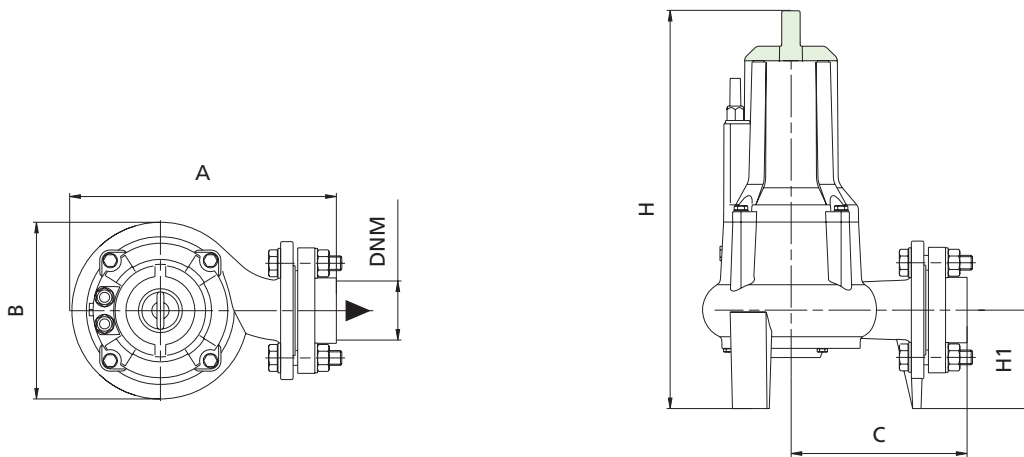
### APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.





| TIPO<br>TYPE             | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |     | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE        | Q = CAPACIDAD - CAPACITY   |      |     |     |     |     |     |     |     |      |
|--------------------------|---|-----|---|--------------------------|--|------|-----|-----|-----|-----|-----|-----|-----|------|
|                          | HP                                      | kW  | kW                                      |                          | Trifásico<br>Three-phase   | m³/h | 6   | 12  | 18  | 24  | 36  | 42  | 48  | 54   |
| Trifásico<br>Three-phase | P2                                      |     | P1                                      | Trifásico<br>Three-phase | lt/1'  | 100  | 200 | 300 | 400 | 600 | 700 | 800 | 900 | 1000 |
| 220/380V-60Hz            |   |     |   | 3 x 380V                 | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |      |     |     |     |     |     |     |     |      |
| PRF 350 N-V              | 3,5                                     | 2,5 | 3,5                                     | 6                        | H<br>(m)   | 17   | 16  | 15  | 13  | 9   | 7   | 5   | 2   |      |
| PRF 400 N-V              | 4                                       | 3   | 4,6                                     | 8,3                      |  | 18   | 17  | 16  | 14  | 11  | 9   | 7   | 5   | 3    |
| PRF 550 N-V              | 5,5                                     | 4   | 7                                       | 12                       |  | 24   | 23  | 21  | 19  | 16  | 14  | 12  | 10  | 8    |



| TIPO<br>TYPE             | DIMENSIONES mm - DIMENSIONS mm |     |     |     |     |     |                |   | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT<br>Kg |
|--------------------------|--------------------------------|-----|-----|-----|-----|-----|----------------|---|---------------------------------|-----|-----|----------------------|
|                          | A                              | B   | C   | H   | H1  | DNM | CABLE          | Paso de sólidos (mm)<br>Grain size inlet (mm) | P                               | L   | H   |                      |
| Trifásico<br>Three-phase |                                |     |     |     |     |     |                |   |                                 |     |     |                      |
| PRF 350 N-V              | 358                            | 256 | 229 | 593 | 143 | 3"  | 10 mt H07RN8-F | Ø 70  | 285                             | 380 | 702 | 57,4                 |
| PRF 400 N-V              | 358                            | 256 | 229 | 607 | 143 | 3"  | 10 mt H07RN8-F | Ø 70  | 285                             | 380 | 702 | 62,1                 |
| PRF 550 N-V              | 358                            | 256 | 229 | 628 | 143 | 3"  | 10 mt H07RN8-F | Ø 70  | 285                             | 380 | 702 | 68,7                 |

### APLICACIONES

La serie Cutty se caracteriza por una bomba eléctrica con impulsor multicanal sumergido abierto con un sistema de molienda de admisión. Particularmente adecuado en presencia de largas fibras filamentosas o fibrosas, de cuerpos sólidos destructivos, incluso de grandes dimensiones, en el tratamiento de líquidos biológicos y de aguas de origen civil.



### LÍMITES DE USO

- Temperatura de líquido de hasta 35 °C  
(para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 50 °C (para otros usos)
- Máxima profundidad de inmersión 20 m.  
(con cable de longitud adecuada)
- Nivel mín. de aspiración 80 mm
- Servicio continuo

### MOTOR

- Aislamiento Clase F
- Protección IP 68
- Protector térmico (monofásico solamente)

### MATERIALES

- |   |   |
|---|---|
| - Cuerpo del motor                            | Fundición                                   |
| - Cuerpo bomba                                | Fundición                                   |
| - Rodete                                      | Fundición                                   |
| - Eje del motor                               | Acero inoxidable AISI 304                   |
| - Desfibradora                                | Acero inoxidable AISI 304                   |
| - Doble junta mecánica<br>en cámara de aceite | Cerámica/Grafito/NBR<br>Silicio/Silicio/NBR |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 20 mt.  
(with a cable of the appropriate length)
- Min. suction level 80 mm
- Continuous duty

### MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

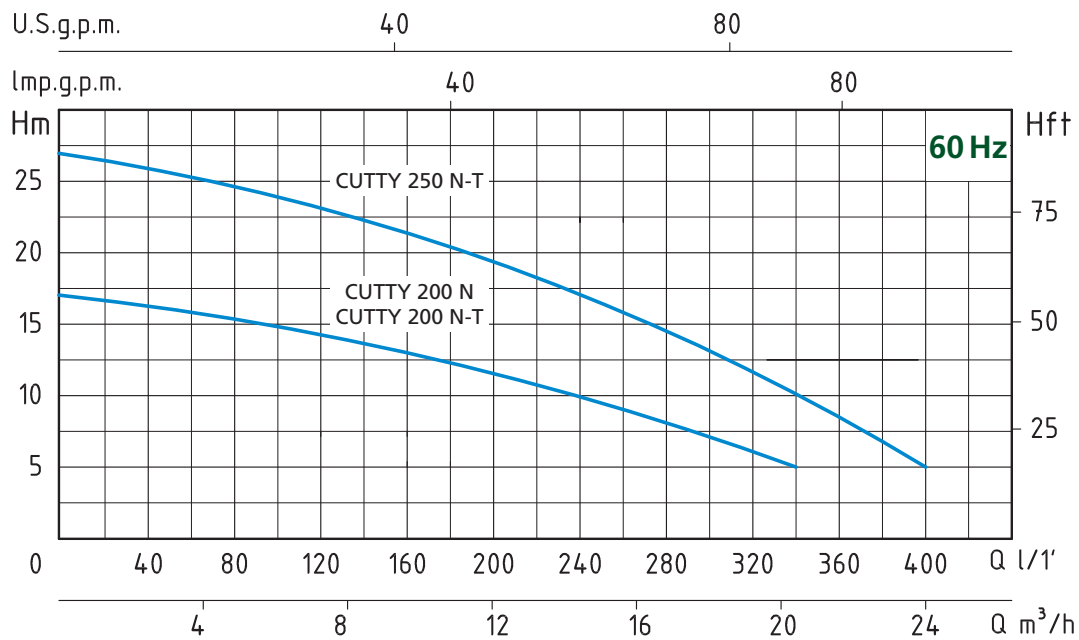
### MATERIALS

- |  |   |
|--|---|
| - Motor body                               | Cast Iron                                   |
| - Pump body                                | Cast Iron                                   |
| - Impeller                                 | Cast Iron                                   |
| - Shaft with rotor                         | Stainless Steel AISI 304                    |
| - Cutting                                  | Stainless Steel AISI 304                    |
| - Double mechanical seal<br>in oil chamber | Ceramic/Graphite/NBR<br>Silicon/Silicon/NBR |

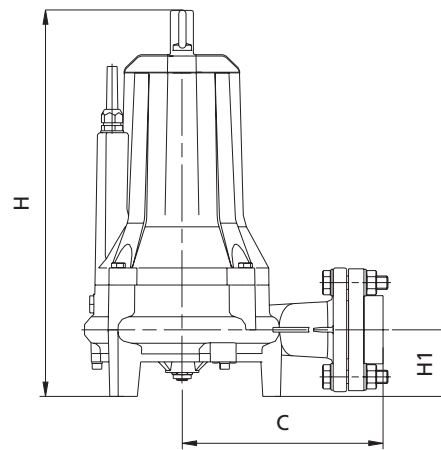
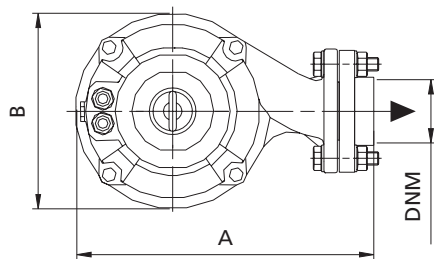
### APPLICATION

The Cutty series comprehend electric pump with plunged impeller, this impeller is multi-pipe, open, with a cutting system in the suction. It is particularly suitable in presence of long, filamentous or fibrous fibres, of destroyable solids also of big dimensions and in biologic liquids or in civil waters.





| TIPO<br>TYPE               |                          | POTENCIA<br>NOMINAL<br>NOMINAL<br>POWER |      | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          |                          | Q = CAPACIDAD - CAPACITY   |    |    |     |     |     |     |     |     |     |
|----------------------------|--------------------------|---|------|---|----------------------------|--------------------------|--|----|----|-----|-----|-----|-----|-----|-----|-----|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | P2                                      |      | P1                                      | Monofásico<br>Single-phase | Trifásico<br>Three-phase | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |    |    |     |     |     |     |     |     |     |
|                            |                          | HP                                      | kW   | kW                                      |                            |                          | m³/h   | 0  | 3  | 6   | 9   | 12  | 15  | 18  | 21  | 24  |
| 220V-60Hz                  | 220/380V-60Hz            |   |      |   | 1 x 220V                   | 3 x 380V                 | lt/1'  | 0  | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 |
| <b>CUTTY 200 N</b>         | <b>CUTTY 200 N-T</b>     | 2                                       | 1,5  | 2                                       | 8,6                        | 3,8                      | H (m)  | 17 | 16 | 15  | 14  | 11  | 9   | 7   | 5   |     |
|                            | <b>CUTTY 250 N-T</b>     | 2,5                                     | 1,85 | 2,7                                     |                            | 4,8                      |  | 27 | 26 | 25  | 22  | 19  | 16  | 10  | 9   | 5   |



| TIPO<br>TYPE               |                          | DIMENSIONES mm - DIMENSIONS mm |     |     |     |    |     |                | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------|--------------------------------|-----|-----|-----|----|-----|----------------|---------------------------------|-----|-----|----------------|
| Monofásico<br>Single-phase | Trifásico<br>Three-phase | A                              | B   | C   | H   | H1 | DNM | CABLE          | P                               | L   | H   | Kg             |
| <b>CUTTY 200 N</b>         | <b>CUTTY 200 N-T</b>     | 300                            | 206 | 200 | 446 | 72 | 1"½ | 10 mt H07RN8-F | 280                             | 350 | 585 | 41,7           |
|                            | <b>CUTTY 250 N-T</b>     | 305                            | 206 | 200 | 468 | 72 | 1"½ | 10 mt H07RN8-F | 280                             | 350 | 585 | 47,9           |

# SP 76

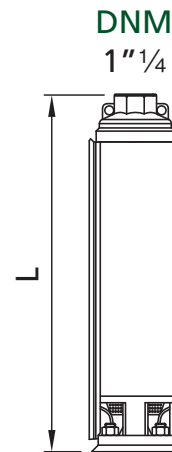
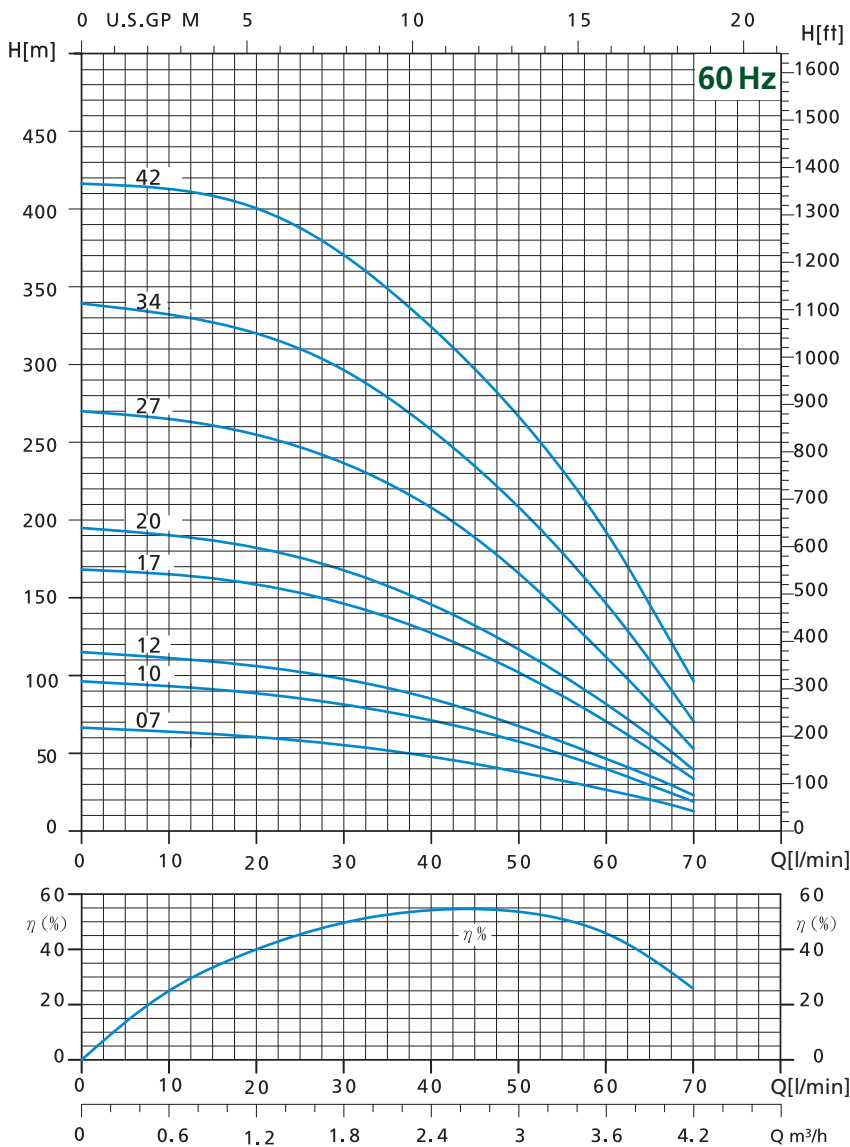
## BOMBAS SUMERGIBLES MULTIESTADIO PARA POZOS 4"

### APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



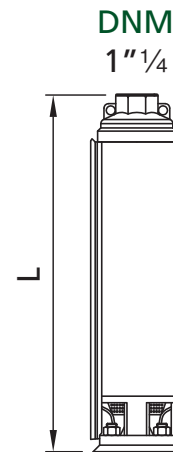
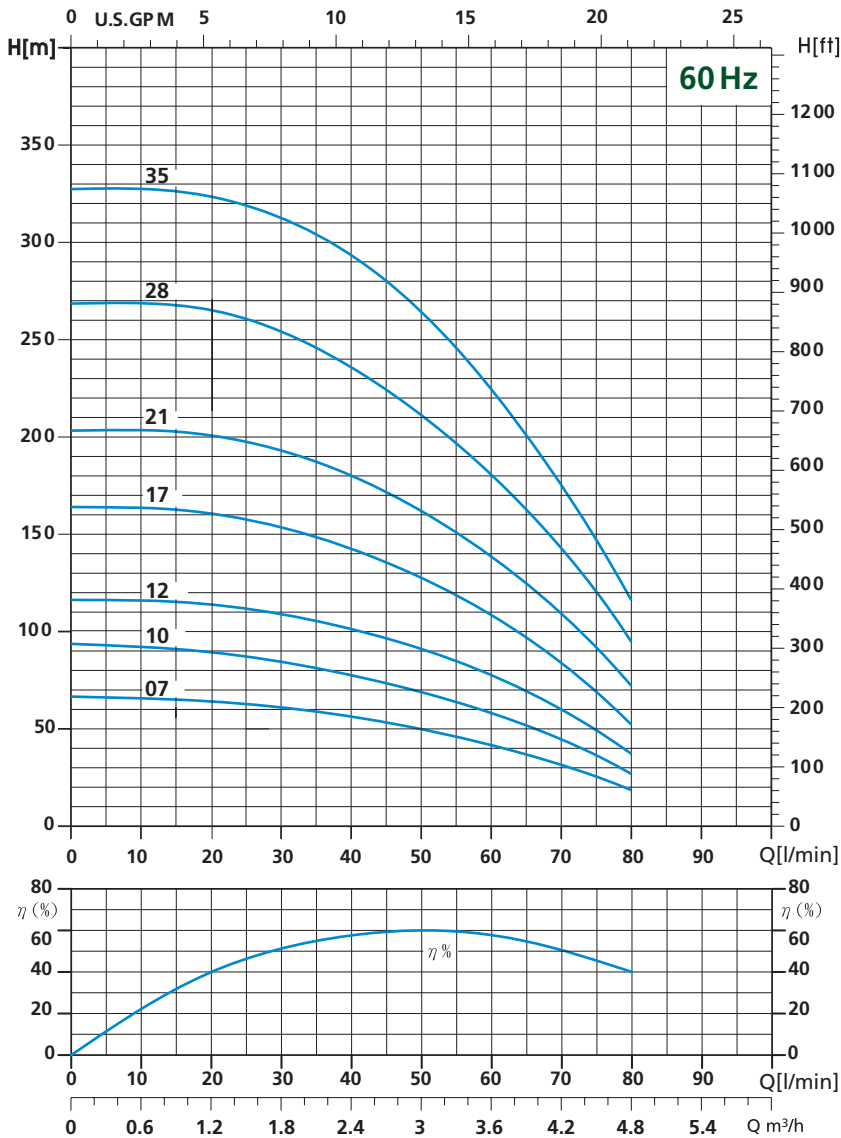
| TIPO<br>TYPE   | ESTADIOS<br>STAGES | MOTOR |      | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |     |     |     |     |     |     |     | BOMBA - PUMP |                        |
|--|--------------------|-------|------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|------------------------|
|  |                    |       |      | l/m                      | 0   | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 50  | 60  | 70  | 80  | 90  | 100          | Longitud<br>Lenght (L) |
|  |                    | kW    | HP   | m³/h                     | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3   | 3,6 | 4,2 | 4,8 | 5,4 | 6   | mm           | kg                     |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                    |       |      |                          |     |     |     |     |     |     |     |     |     |     |     |     |     |              |                        |
| SP 76-07   | 7                  | 0,37  | 0,5  | 67                       |     |     | 60  | 58  | 55  | 52  | 49  | 39  | 27  | 13  |     |     | 271 | 2,8          |                        |
| SP 76-10   | 10                 | 0,55  | 0,75 | 96                       |     |     | 89  | 85  | 81  | 77  | 71  | 58  | 40  | 19  |     |     | 324 | 3,3          |                        |
| SP 76-12   | 12                 | 0,75  | 1    | 115                      |     |     | 106 | 102 | 98  | 92  | 85  | 68  | 47  | 23  |     |     | 359 | 3,6          |                        |
| SP 76-17   | 17                 | 1,1   | 1,5  | 168                      |     |     | 159 | 152 | 147 | 138 | 128 | 102 | 70  | 35  |     |     | 447 | 4,4          |                        |
| SP 76-20   | 20                 | 1,5   | 2    | 195                      |     |     | 181 | 177 | 168 | 158 | 146 | 118 | 82  | 40  |     |     | 499 | 4,9          |                        |
| SP 76-27   | 27                 | 2,2   | 3    | 270                      |     |     | 255 | 247 | 237 | 223 | 209 | 167 | 111 | 53  |     |     | 660 | 6            |                        |
| SP 76-34   | 34                 | 3     | 4    | 339                      |     |     | 320 | 310 | 296 | 280 | 259 | 209 | 146 | 70  |     |     | 796 | 8,5          |                        |
| SP 76-42   | 42                 | 3,7   | 5    | 412                      |     |     | 388 | 375 | 358 | 338 | 315 | 258 | 186 | 95  |     |     | 954 | 9,8          |                        |

### APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



| TIPO<br>TYPE   | ESTADIOS<br>STAGES | MOTOR |      | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |     |     |     |     |     |     |     | BOMBA - PUMP           |                |
|--|--------------------|-------|------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------------|----------------|
|  |                    |       |      | l/m 0                    | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 50  | 60  | 70  | 80  | 90  | 100 | Longitud<br>Lenght (L) | Peso<br>Weight |
|  |                    | kW    | HP   | m³/h 0                   | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3   | 3,6 | 4,2 | 4,8 | 5,4 | 6   | mm                     | kg             |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                    |       |      |                          |     |     |     |     |     |     |     |     |     |     |     |     |     |                        |                |
| SP 86-07   | 7                  | 0,55  | 0,75 | 67                       |     |     |     |     | 61  | 59  | 57  | 50  | 41  | 31  | 19  |     |     | 271                    | 2,8            |
| SP 86-10   | 10                 | 0,75  | 1    | 94                       |     |     |     |     | 85  | 81  | 78  | 69  | 58  | 45  | 28  |     |     | 324                    | 3,2            |
| SP 86-12   | 12                 | 1,10  | 1,5  | 116                      |     |     |     |     | 109 | 106 | 102 | 91  | 78  | 60  | 38  |     |     | 359                    | 3,5            |
| SP 86-17   | 17                 | 1,5   | 2    | 165                      |     |     |     |     | 154 | 148 | 143 | 128 | 109 | 83  | 53  |     |     | 447                    | 4,3            |
| SP 86-21   | 21                 | 2,2   | 3    | 204                      |     |     |     |     | 193 | 187 | 180 | 162 | 139 | 110 | 72  |     |     | 519                    | 5              |
| SP 86-28   | 28                 | 3     | 4    | 269                      |     |     |     |     | 254 | 246 | 236 | 211 | 180 | 142 | 96  |     |     | 679                    | 6              |
| SP 86-35   | 35                 | 3,7   | 5    | 327                      |     |     |     |     | 312 | 304 | 292 | 264 | 223 | 175 | 117 |     |     | 841                    | 8,6            |



# SP 126

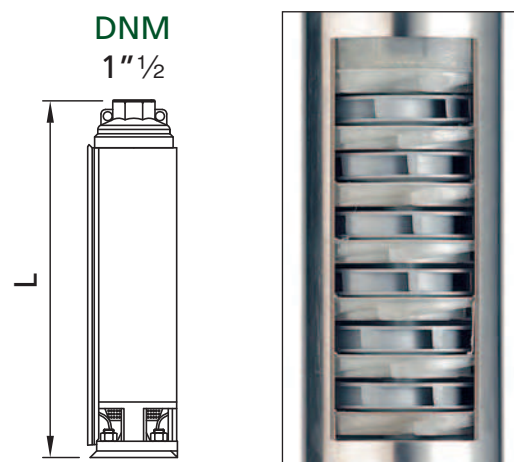
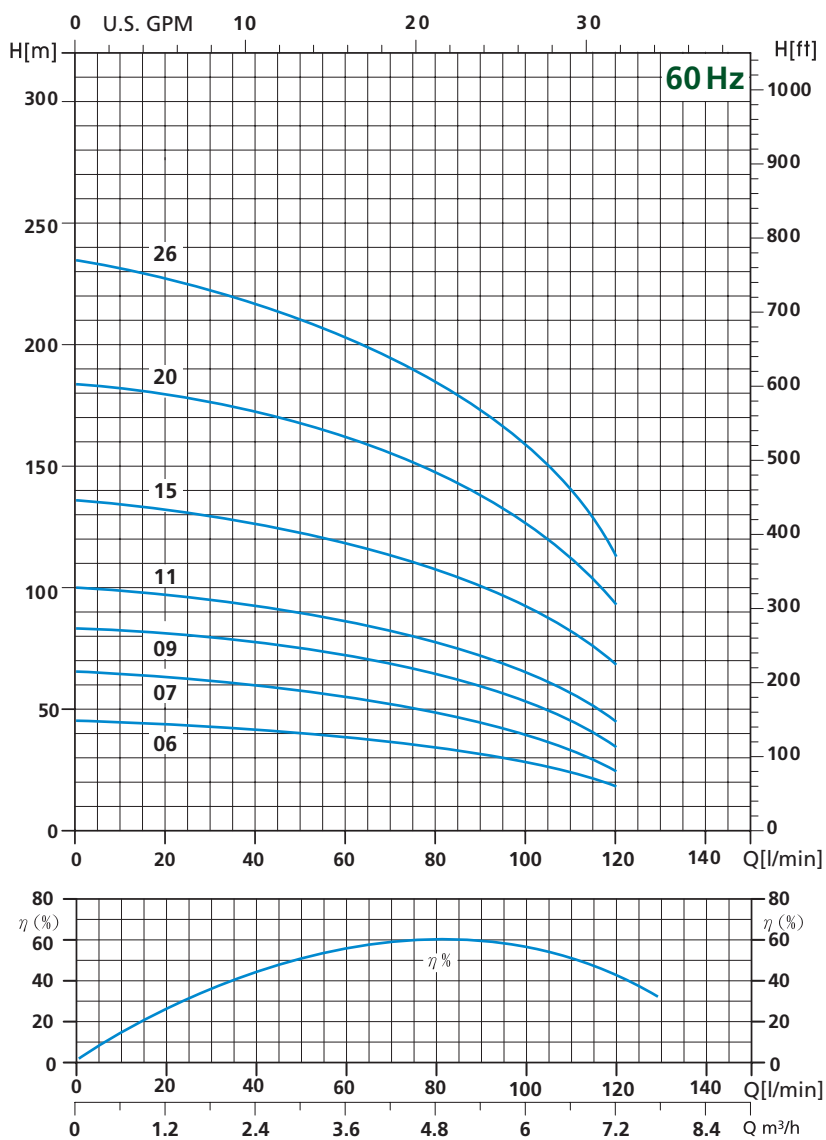
## BOMBAS SUMERGIBLES MULTIESTADIO PARA POZOS 4"

### APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



| TIPO<br>TYPE   | ESTADIOS<br>STAGES | MOTOR |      | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |     |     |     | BOMBA - PUMP           |                |
|--|--------------------|-------|------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------------|----------------|
|  |                    |       |      | l/m 0                    | 40  | 50  | 60  | 70  | 80  | 90  | 100 | 120 | 140 | Longitud<br>Lenght (L) | Peso<br>Weight |
|  |                    | kW    | HP   | m³/h 0                   | 2,4 | 3   | 3,6 | 4,2 | 4,8 | 5,4 | 6   | 7,2 | 8,4 | mm                     | kg             |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                    |       |      |                          |     |     |     |     |     |     |     |     |     |                        |                |
| SP 126-05  | 5                  | 0,55  | 0,75 | 46                       |     | 42  | 40  | 38  | 35  | 32  | 28  | 19  |     | 272                    | 2,6            |
| SP 126-07  | 7                  | 0,75  | 1,0  | 63                       |     | 58  | 55  | 52  | 48  | 43  | 37  | 25  |     | 320                    | 3,1            |
| SP 126-09  | 9                  | 1,1   | 1,5  | 82                       |     | 76  | 73  | 69  | 64  | 58  | 52  | 35  |     | 370                    | 3,5            |
| SP 126-11  | 11                 | 1,5   | 2    | 100                      |     | 92  | 88  | 84  | 78  | 71  | 64  | 45  |     | 419                    | 3,9            |
| SP 126-15  | 15                 | 2,2   | 3    | 136                      |     | 125 | 121 | 115 | 107 | 100 | 90  | 69  |     | 518                    | 4,7            |
| SP 126-20  | 20                 | 3,0   | 4    | 183                      |     | 172 | 166 | 158 | 148 | 137 | 122 | 92  |     | 679                    | 5,8            |
| SP 126-26  | 26                 | 3,7   | 5    | 234                      |     | 214 | 206 | 196 | 183 | 169 | 152 | 112 |     | 864                    | 8,1            |

# SP 186 MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

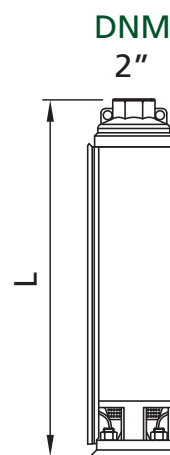
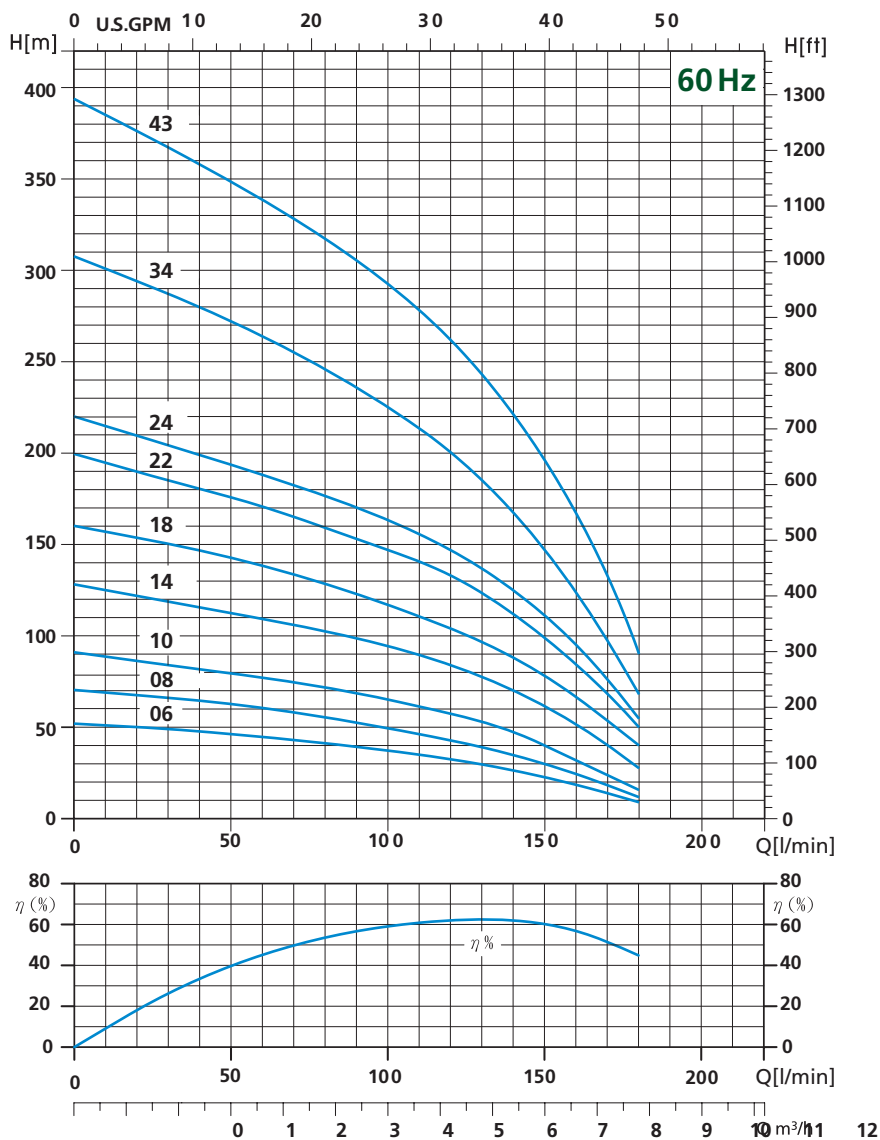


## APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

## APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



| TIPO<br>TYPE | ESTADIOS<br>STAGES | MOTOR  |     | Q = CAPACIDAD - CAPACITY   |     |     |     |     |     |     |     |     |     |      |     |     |     |     |                        | BOMBA - PUMP   |  |
|--------------|--------------------|--------|-----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|------------------------|----------------|--|
|              |                    |        |     | l/m 0  | 35  | 40  | 50  | 60  | 70  | 80  | 90  | 100 | 120 | 140  | 160 | 180 | 200 | 250 | Longitud<br>Lenght (L) | Peso<br>Weight |  |
|              |                    | m³/h 0 | 2,1 | 2,4  | 3,0 | 3,6 | 4,2 | 4,8 | 5,4 | 6,0 | 7,2 | 8,4 | 9,6 | 10,8 | 12  | 15  | mm  | kg  |                        |                |  |
|              |                    | kW HP  |     | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |      |     |     |     |     |                        |                |  |
| SP 186-06    | 6                  | 0,75   | 1   | 52   |     |     |     | 44  | 43  | 42  | 40  | 38  | 33  | 27   | 18  | 9   |     |     | 359                    | 3,4            |  |
| SP 186-08    | 8                  | 1,1    | 1,5 | 70   |     |     |     | 60  | 58  | 55  | 52  | 50  | 43  | 35   | 24  | 12  |     |     | 421                    | 4              |  |
| SP 186-10    | 10                 | 1,5    | 2   | 91   |     |     |     | 77  | 75  | 72  | 69  | 65  | 58  | 48   | 32  | 17  |     |     | 483                    | 4,6            |  |
| SP 186-14    | 14                 | 2,2    | 3   | 128  |     |     |     | 109 | 106 | 102 | 99  | 94  | 83  | 70   | 51  | 29  |     |     | 607                    | 5,7            |  |
| SP 186-18    | 18                 | 3      | 4   | 160  |     |     |     | 139 | 133 | 129 | 123 | 117 | 104 | 89   | 67  | 40  |     |     | 731                    | 6,9            |  |
| SP 186-22    | 22                 | 3,7    | 5   | 200  |     |     |     | 170 | 165 | 159 | 152 | 147 | 132 | 111  | 84  | 50  |     |     | 893                    | 8,1            |  |
| SP 186-24    | 24                 | 4      | 5,5 | 220  |     |     |     | 189 | 182 | 177 | 170 | 162 | 148 | 125  | 95  | 55  |     |     | 933                    | 9,7            |  |
| SP 186-34    | 34                 | 5,5    | 7,5 | 308  |     |     |     | 263 | 255 | 246 | 236 | 225 | 200 | 167  | 122 | 69  |     |     | 1295                   | 12,6           |  |
| SP 186-43    | 43                 | 7,5    | 10  | 394  |     |     |     | 339 | 328 | 317 | 305 | 292 | 261 | 220  | 167 | 90  |     |     | 1356                   | 15,2           |  |

# SP 256

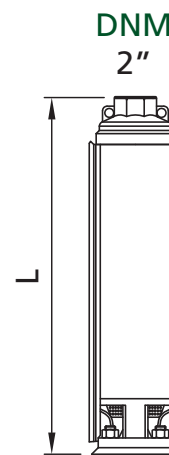
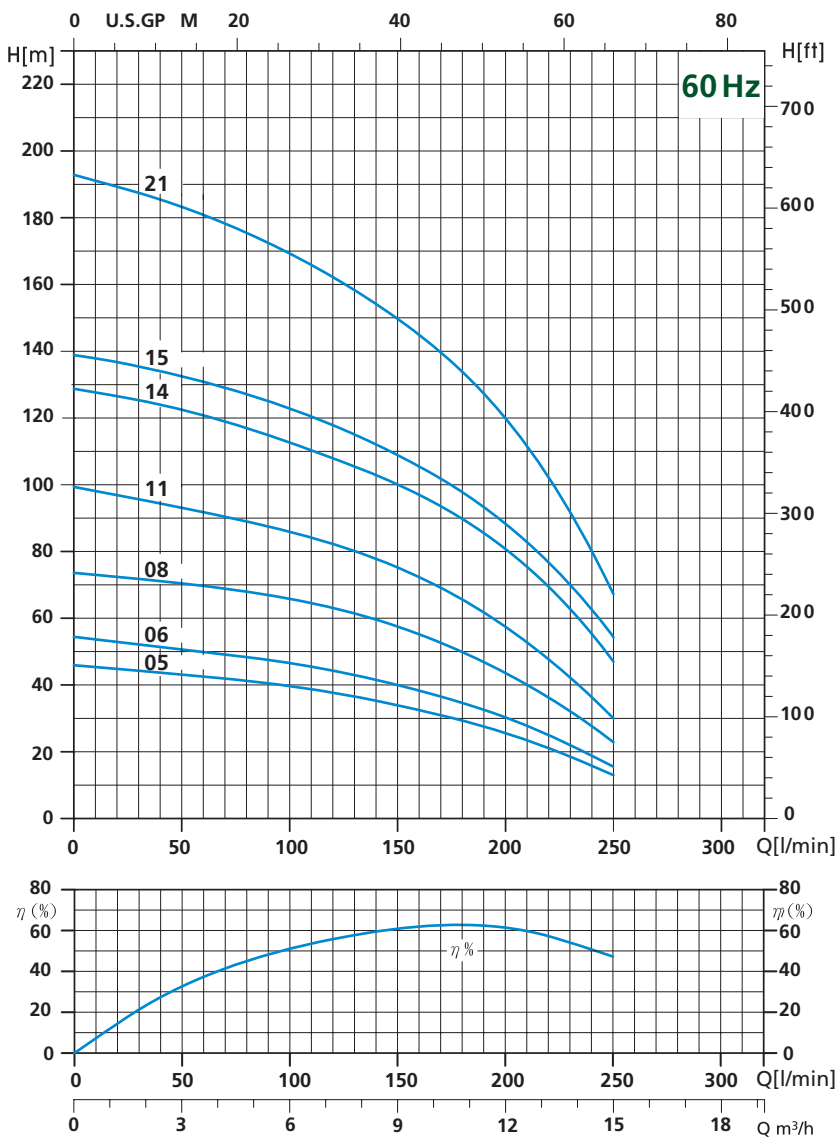
## BOMBAS SUMERGIBLES MULTIESTADIO PARA POZOS 4"

### APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



| TIPO<br>TYPE | ESTADIOS<br>STAGES | MOTOR  |     | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |     |      |     |     |      |     |     |     |                        | BOMBA - PUMP   |  |
|--------------|--------------------|--------|-----|--------------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|-----|------------------------|----------------|--|
|              |                    |        |     | l/m 0                    | 50  | 60  | 70  | 80  | 90  | 100 | 120 | 140  | 160 | 180 | 200  | 250 | 280 | 300 | Longitud<br>Lenght (L) | Peso<br>Weight |  |
|              |                    | m³/h 0 | 3,0 | 3,6                      | 4,2 | 4,8 | 5,4 | 6,0 | 7,2 | 8,4 | 9,6 | 10,8 | 12  | 15  | 16,8 | 18  | mm  | kg  |                        |                |  |
| SP 256-05    | 5                  | 1,1    | 1,5 | 46                       |     |     | 42  | 41  | 40  | 39  | 37  | 35   | 33  | 29  | 25   | 14  |     |     | 325                    | 3,1            |  |
| SP 256-06    | 6                  | 1,5    | 2   | 55                       |     |     | 49  | 48  | 47  | 47  | 45  | 42   | 38  | 35  | 30   | 17  |     |     | 356                    | 3,4            |  |
| SP 256-08    | 8                  | 2,2    | 3   | 74                       |     |     | 69  | 68  | 67  | 66  | 63  | 60   | 56  | 50  | 43   | 24  |     |     | 418                    | 4              |  |
| SP 256-11    | 11                 | 3      | 4   | 100                      |     |     | 91  | 88  | 87  | 86  | 83  | 78   | 73  | 66  | 58   | 30  |     |     | 511                    | 4,9            |  |
| SP 256-14    | 14                 | 3,7    | 5   | 129                      |     |     | 118 | 116 | 115 | 113 | 108 | 103  | 99  | 90  | 81   | 48  |     |     | 604                    | 5,7            |  |
| SP 256-15    | 15                 | 4      | 5,5 | 139                      |     |     | 128 | 126 | 125 | 123 | 118 | 113  | 105 | 97  | 88   | 55  |     |     | 638                    | 6              |  |
| SP 256-21    | 21                 | 5,5    | 7,5 | 194                      |     |     | 178 | 175 | 173 | 169 | 162 | 154  | 145 | 134 | 120  | 68  |     |     | 859                    | 7,8            |  |

# SP 306 MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

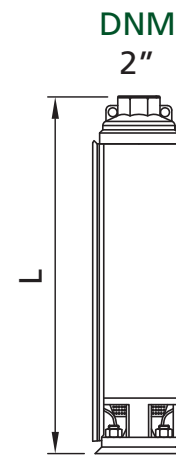
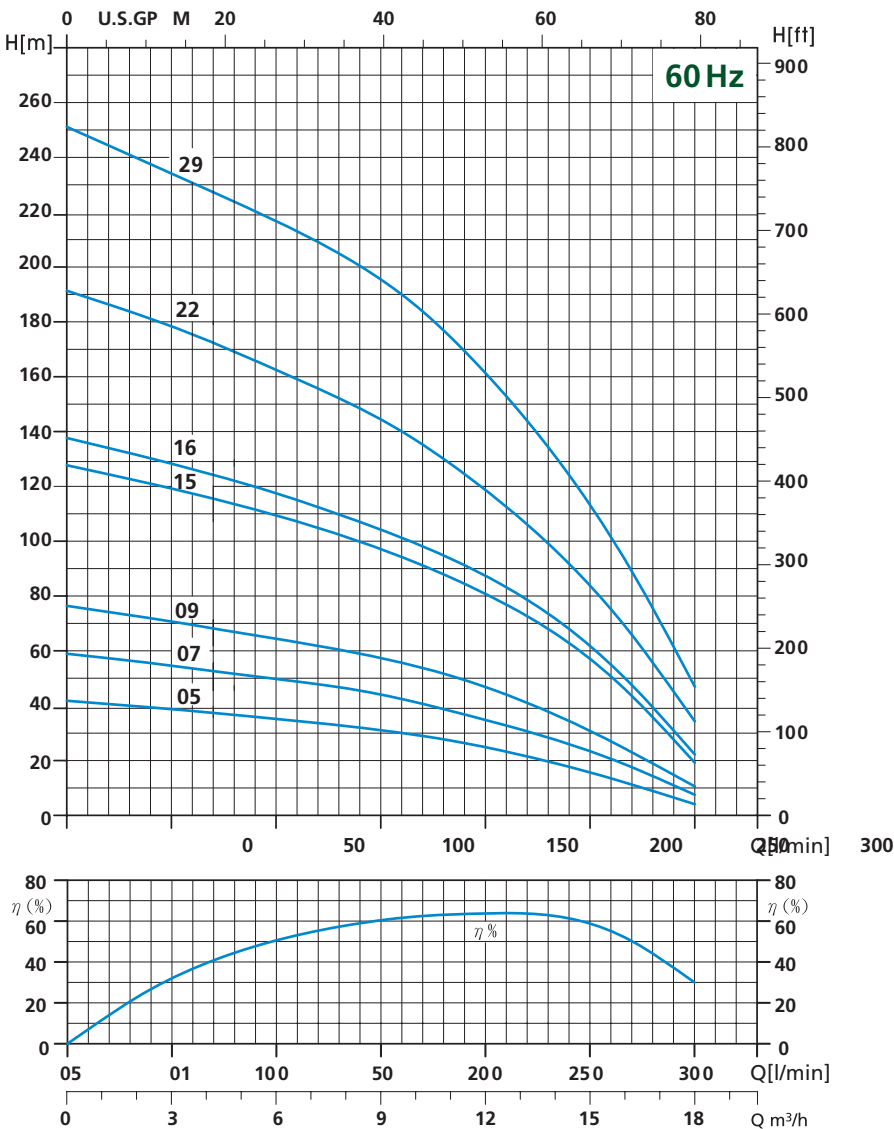


## APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

## APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



| TIPO<br>TYPE   | ESTADIOS<br>STAGES | MOTOR |     | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |      |     |      |      |      |      |     |      |      |      | BOMBA - PUMP           |                |
|--|--------------------|-------|-----|--------------------------|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|------|-----|------|------|------|------------------------|----------------|
|  |                    | kW    | HP  | l/m 0                    | 80  | 90  | 100 | 120 | 140 | 160 | 180  | 200 | 220  | 240  | 260  | 280  | 300 | 340  | 380  | 420  | Longitud<br>Lenght (L) | Peso<br>Weight |
|  |                    |       |     | m <sup>3</sup> /h 0      | 4,8 | 5,4 | 6,0 | 7,2 | 8,4 | 9,6 | 10,8 | 12  | 13,2 | 14,4 | 15,6 | 16,8 | 18  | 20,4 | 22,8 | 25,2 | mm                     | kg             |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                    |       |     |                          |     |     |     |     |     |     |      |     |      |      |      |      |     |      |      |      |                        |                |
| SP 306-05  | 5                  | 1,1   | 1,5 | 42                       | 38  | 37  | 36  | 34  | 32  | 30  | 28   | 25  | 22   | 18   | 14   | 9    | 5   |      |      | 433  | 4,3                    |                |
| SP 306-07  | 7                  | 1,5   | 2   | 59                       | 52  | 51  | 50  | 48  | 46  | 43  | 40   | 36  | 31   | 26   | 21   | 15   | 8   |      |      | 537  | 5,3                    |                |
| SP 306-09  | 9                  | 2     | 3   | 76                       | 67  | 66  | 64  | 62  | 59  | 56  | 52   | 47  | 42   | 35   | 28   | 19   | 11  |      |      | 641  | 6,2                    |                |
| SP 306-15  | 15                 | 3,7   | 5   | 128                      | 113 | 112 | 109 | 105 | 100 | 94  | 88   | 80  | 72   | 63   | 51   | 37   | 20  |      |      | 953  | 9                      |                |
| SP 306-16  | 16                 | 4     | 5,5 | 137                      | 122 | 120 | 117 | 112 | 107 | 101 | 95   | 88  | 79   | 68   | 55   | 40   | 23  |      |      | 1005 | 9,5                    |                |
| SP 306-22  | 22                 | 5,5   | 7,5 | 191                      | 169 | 166 | 162 | 156 | 149 | 140 | 131  | 118 | 106  | 91   | 75   | 55   | 35  |      |      | 1383 | 13,3                   |                |
| SP 306-29  | 29                 | 7,5   | 10  | 251                      | 225 | 221 | 218 | 209 | 200 | 190 | 177  | 161 | 144  | 125  | 101  | 75   | 48  |      |      | 1746 | 16,6                   |                |

# SP 346

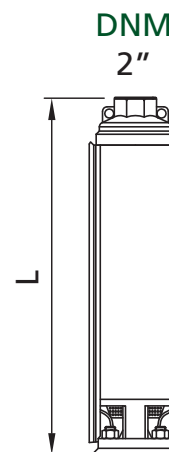
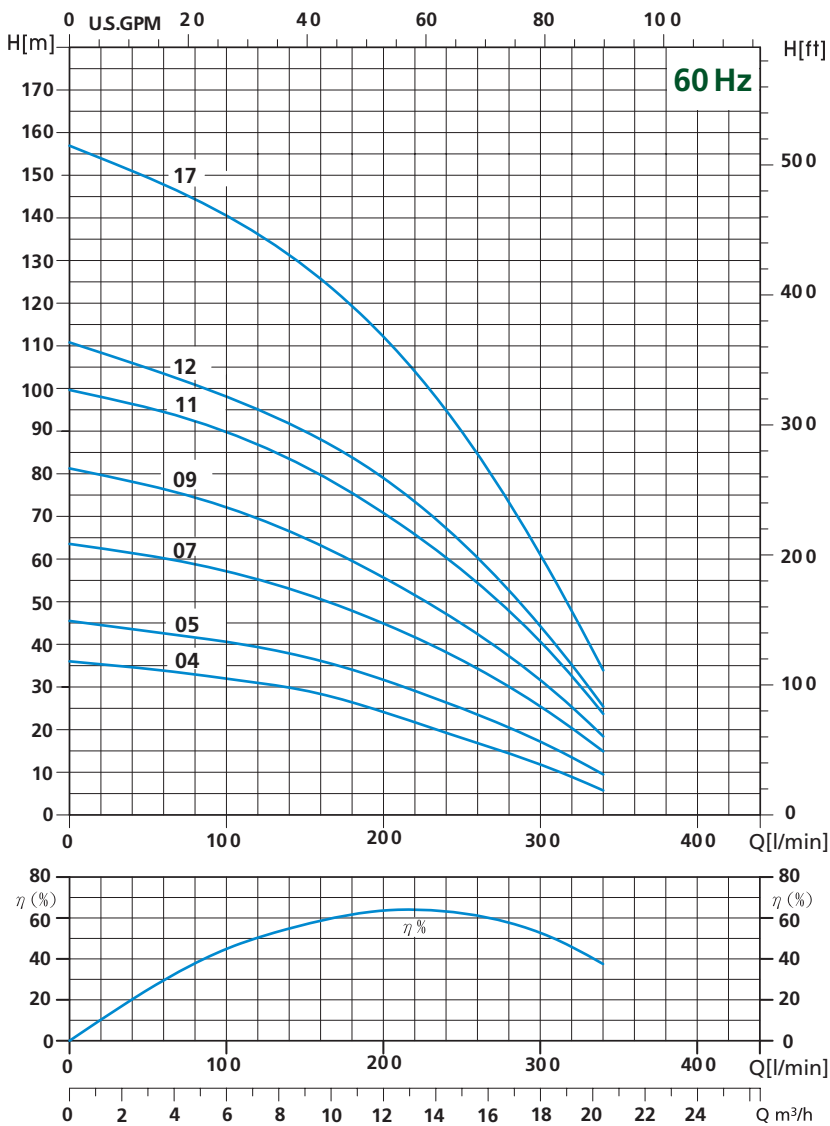
## BOMBAS SUMERGIBLES INOXIDABLES MULTIESTADIO PARA POZOS DE 4"

### APLICACIONES

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### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



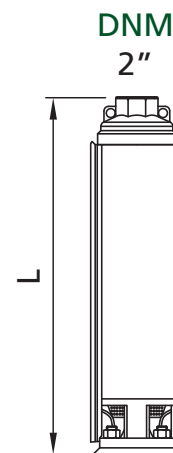
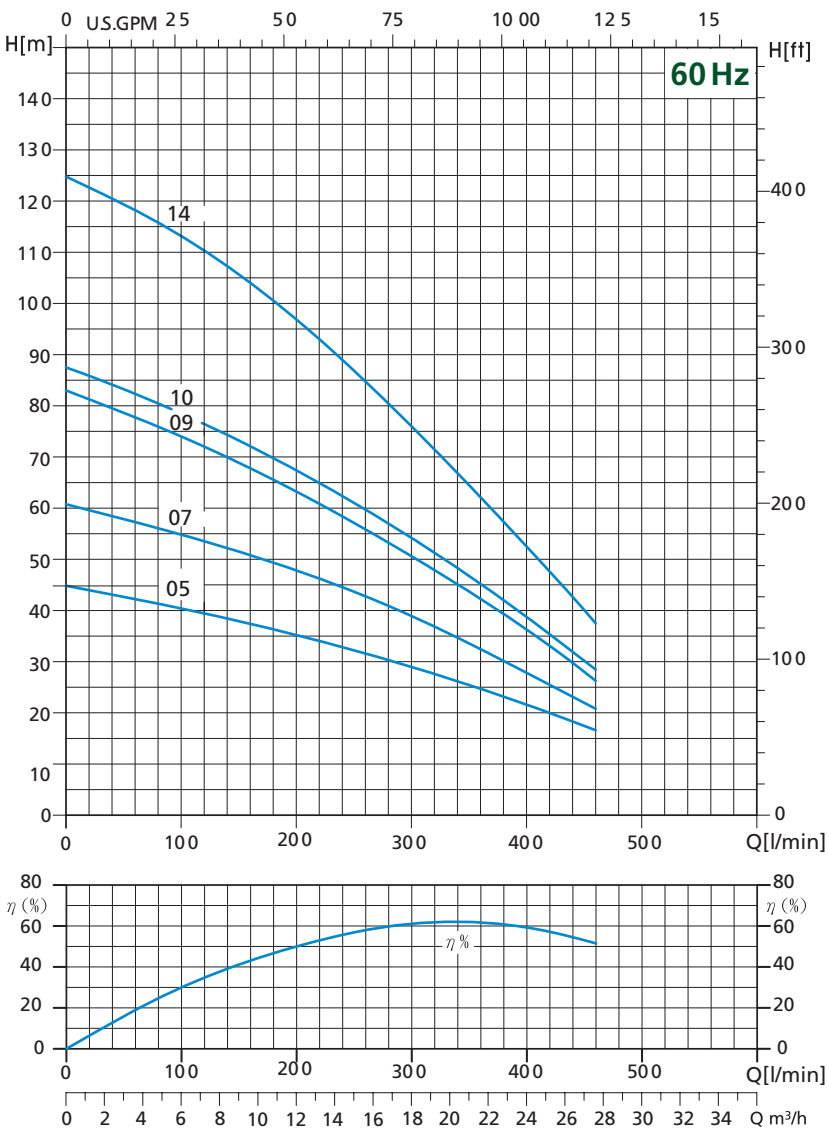
| TIPO<br>TYPE   | ESTADIOS<br>STAGES | MOTOR |     | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |      |     |      |      |      |      |     |      |      |      | BOMBA - PUMP           |                |
|--|--------------------|-------|-----|--------------------------|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|------|-----|------|------|------|------------------------|----------------|
|  |                    | kW    | HP  | l/m 0                    | 80  | 90  | 100 | 120 | 140 | 160 | 180  | 200 | 220  | 240  | 260  | 280  | 300 | 340  | 380  | 420  | Longitud<br>Lenght (L) | Peso<br>Weight |
|  |                    |       |     | m³/h 0                   | 4,8 | 5,4 | 6,0 | 7,2 | 8,4 | 9,6 | 10,8 | 12  | 13,2 | 14,4 | 15,6 | 16,8 | 18  | 20,4 | 22,8 | 25,2 | mm                     | kg             |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                    |       |     |                          |     |     |     |     |     |     |      |     |      |      |      |      |     |      |      |      |                        |                |
| SP 346-04  | 4                  | 1,1   | 1,5 | 36                       |     |     | 32  | 31  | 30  | 28  | 26   | 24  | 22   | 19   | 17   | 14   | 12  | 6    |      |      | 378                    | 3,9            |
| SP 346-05  | 5                  | 1,5   | 2   | 46                       |     |     | 41  | 39  | 37  | 36  | 34   | 32  | 29   | 26   | 23   | 20   | 17  | 9    |      |      | 430                    | 4,4            |
| SP 346-07  | 7                  | 2     | 3   | 64                       |     |     | 57  | 55  | 53  | 51  | 48   | 45  | 42   | 38   | 34   | 30   | 25  | 15   |      |      | 534                    | 5,3            |
| SP 346-09  | 9                  | 3     | 4   | 82                       |     |     | 72  | 69  | 67  | 64  | 60   | 56  | 52   | 47   | 42   | 37   | 32  | 18   |      |      | 638                    | 6,3            |
| SP 346-11  | 11                 | 3,7   | 5   | 100                      |     |     | 90  | 87  | 83  | 80  | 75   | 71  | 67   | 60   | 54   | 48   | 41  | 24   |      |      | 742                    | 7,2            |
| SP 346-12  | 12                 | 4     | 5,5 | 110                      |     |     | 98  | 95  | 92  | 88  | 84   | 78  | 73   | 67   | 60   | 55   | 44  | 26   |      |      | 797                    | 7,7            |
| SP 346-17  | 17                 | 5,5   | 7,5 | 157                      |     |     | 140 | 136 | 131 | 126 | 119  | 112 | 104  | 95   | 85   | 73   | 61  | 35   |      |      | 1092                   | 10,1           |

### APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

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| TIPO<br>TYPE   | ESTADIOS<br>STAGES | MOTOR |     | Q = CAPACIDAD - CAPACITY |     |     |      |     |      |      |      |      |     |      |      |      |      |     |                        | BOMBA - PUMP   |  |
|--|--------------------|-------|-----|--------------------------|-----|-----|------|-----|------|------|------|------|-----|------|------|------|------|-----|------------------------|----------------|--|
|  |                    |       |     | l/m 0                    | 140 | 160 | 180  | 200 | 220  | 240  | 260  | 280  | 300 | 340  | 380  | 420  | 460  | 500 | Longitud<br>Lenght (L) | Peso<br>Weight |  |
|  |                    | kW    | HP  | m³/h 0                   | 8,4 | 9,6 | 10,8 | 12  | 13,2 | 14,4 | 15,6 | 16,8 | 18  | 20,4 | 22,8 | 25,2 | 27,6 | 30  | mm                     | kg             |  |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                    |       |     |                          |     |     |      |     |      |      |      |      |     |      |      |      |      |     |                        |                |  |
| SP 466-05  | 5                  | 2,2   | 3   | 44                       |     | 36  | 34   | 33  | 32   | 30   | 29   | 28   | 26  | 23   | 19   | 14   | 10   |     | 472                    | 4,4            |  |
| SP 466-07  | 7                  | 3     | 4   | 61                       |     | 50  | 49   | 47  | 45   | 43   | 41   | 40   | 38  | 33   | 28   | 23   | 18   |     | 608                    | 5,6            |  |
| SP 466-09  | 9                  | 3,7   | 5   | 80                       |     | 65  | 63   | 61  | 58   | 56   | 54   | 51   | 49  | 43   | 36   | 30   | 23   |     | 743                    | 6,9            |  |
| SP 466-10  | 10                 | 4     | 5,5 | 88                       |     | 73  | 70   | 68  | 65   | 63   | 60   | 57   | 54  | 48   | 41   | 34   | 27   |     | 814                    | 7,5            |  |
| SP 466-14  | 14                 | 5,5   | 7,5 | 126                      |     | 104 | 101  | 97  | 93   | 89   | 85   | 80   | 76  | 67   | 62   | 48   | 38   |     | 1081                   | 9,9            |  |

# SX 56

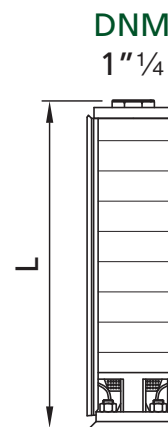
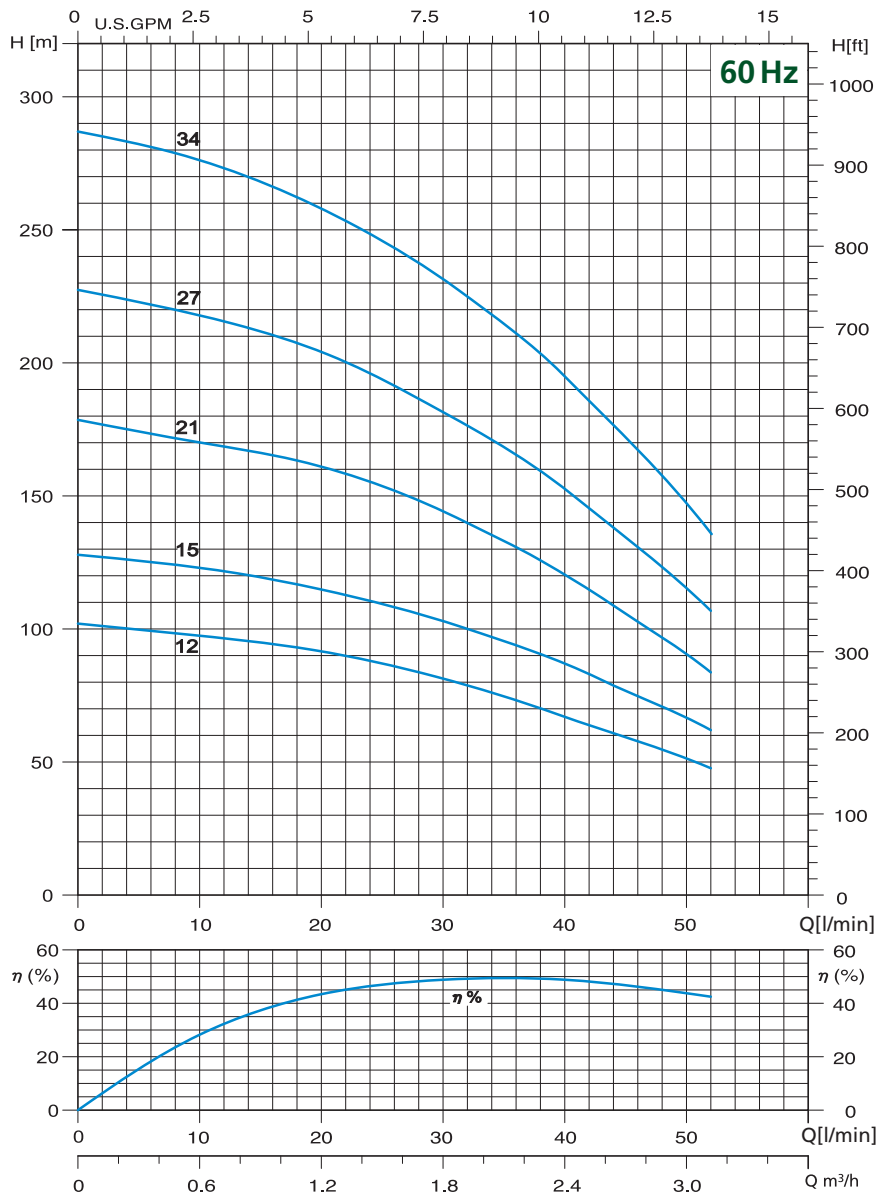
## BOMBAS SUMERGIBLES INOXIDABLES MULTIESTADIO PARA POZOS DE 4"

### APLICACIONES

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| TIPO<br>TYPE | ESTADIOS<br>STAGES | MOTOR  |      | Q = CAPACIDAD - CAPACITY   |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     | BOMBA - PUMP           |                |  |  |     |     |     |
|--------------|--------------------|--------|------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|------------------------|----------------|--|--|-----|-----|-----|
|              |                    |        |      | l/m 0  | 5   | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 50  | 60  | 70  | 80 | 90  | 100 | 120 | Longitud<br>Lenght (L) | Peso<br>Weight |  |  |     |     |     |
|              |                    | m³/h 0 | 0,3  | 0,6  | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3   | 3,6 | 4,2 | 4,8 | 5,4 | 6  | 7,2 | mm  | kg  |                        |                |  |  |     |     |     |
|              |                    |        |      | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |                        |                |  |  |     |     |     |
| SX 56-12     | 12                 | 0,55   | 0,75 | 102  |     |     |     | 92  | 87  | 81  | 75  | 67  | 49  |     |     |    |     |     |     |                        |                |  |  | 419 | 3,6 |     |
| SX 56-15     | 15                 | 0,75   | 1    | 128  |     |     |     | 115 | 109 | 103 | 95  | 86  | 63  |     |     |    |     |     |     |                        |                |  |  |     | 482 | 4,2 |
| SX 56-21     | 21                 | 1,1    | 1,5  | 179  |     |     |     | 160 | 153 | 144 | 132 | 119 | 87  |     |     |    |     |     |     |                        |                |  |  |     | 608 | 5,3 |
| SX 56-27     | 27                 | 1,5    | 2    | 227  |     |     |     | 204 | 194 | 181 | 167 | 150 | 109 |     |     |    |     |     |     |                        |                |  |  |     | 734 | 6,4 |
| SX 56-34     | 34                 | 2,2    | 3    | 287  |     |     |     | 258 | 246 | 231 | 214 | 192 | 138 |     |     |    |     |     |     |                        |                |  |  |     | 904 | 10  |

# SX 86

## INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

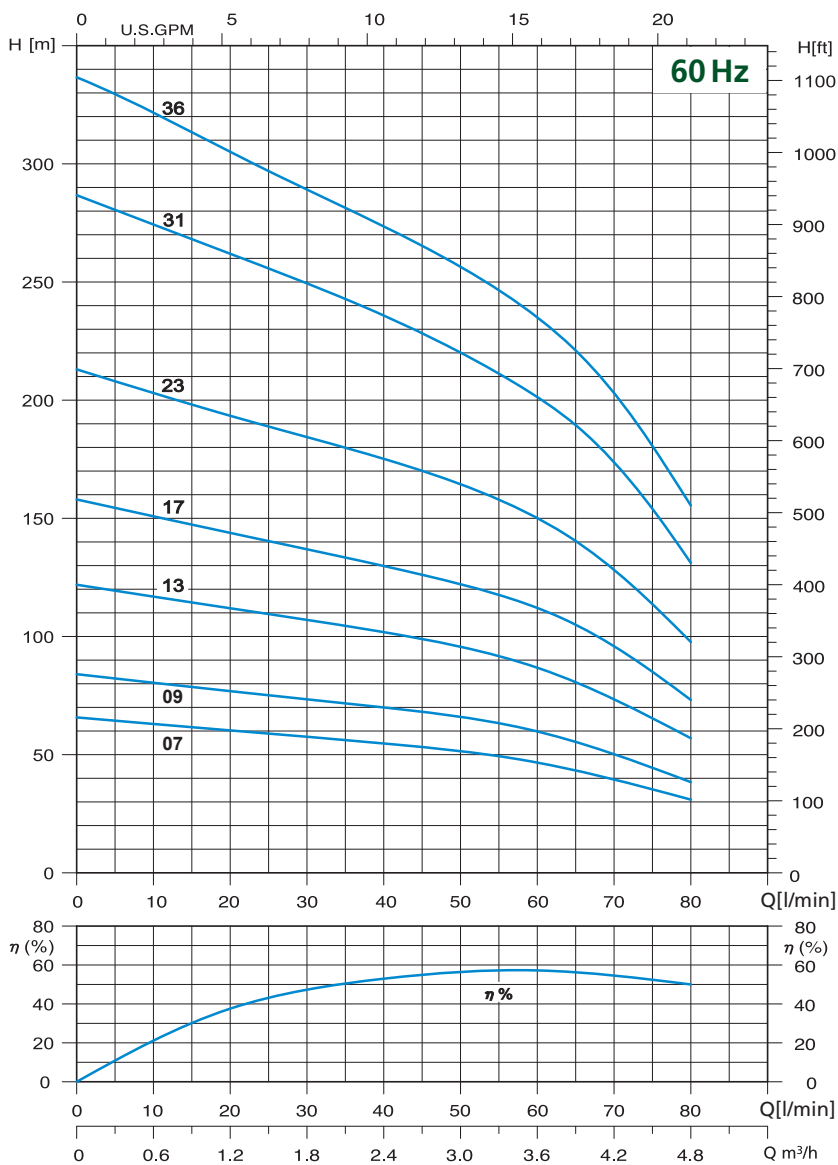


### APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



| TIPO<br>TYPE   | ESTADIOS<br>STAGES | MOTOR |      | Q = CAPACIDAD - CAPACITY |     |     |     |     |     |     |     |     |     |     |     |     |     | BOMBA - PUMP |     |                        |
|--|--------------------|-------|------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-----|------------------------|
|  |                    |       |      | l/m 0                    | 15  | 20  | 25  | 30  | 35  | 40  | 50  | 60  | 70  | 80  | 90  | 100 | 120 | 140          | 160 | Longitud<br>Lenght (L) |
|  |                    | kW    | HP   | m³/h 0                   | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3   | 3,6 | 4,2 | 4,8 | 5,4 | 6   | 7,2 | 8,4          | 9,6 | mm                     |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                    |       |      |                          |     |     |     |     |     |     |     |     |     |     |     |     |     |              |     |                        |
| SX 86-07   | 7                  | 0,55  | 0,75 | 66                       |     |     |     |     | 56  | 55  | 51  | 47  | 39  | 31  |     |     |     |              | 314 | 2,6                    |
| SX 86-09   | 9                  | 0,75  | 1    | 84                       |     |     |     |     | 72  | 70  | 66  | 60  | 50  | 38  |     |     |     |              | 356 | 3                      |
| SX 86-13   | 13                 | 1,1   | 1,5  | 122                      |     |     |     |     | 105 | 102 | 96  | 87  | 73  | 57  |     |     |     |              | 440 | 3,8                    |
| SX 86-17   | 17                 | 1,5   | 2    | 158                      |     |     |     |     | 133 | 130 | 122 | 112 | 96  | 73  |     |     |     |              | 524 | 4,5                    |
| SX 86-23   | 23                 | 2,2   | 3    | 213                      |     |     |     |     | 180 | 175 | 164 | 150 | 128 | 98  |     |     |     |              | 650 | 5,7                    |
| SX 86-31   | 31                 | 3     | 4    | 286                      |     |     |     |     | 243 | 236 | 220 | 201 | 174 | 131 |     |     |     |              | 841 | 9,2                    |
| SX 86-36   | 36                 | 3,7   | 5    | 337                      |     |     |     |     | 281 | 274 | 256 | 235 | 203 | 155 |     |     |     |              | 946 | 10,5                   |



# SX 126

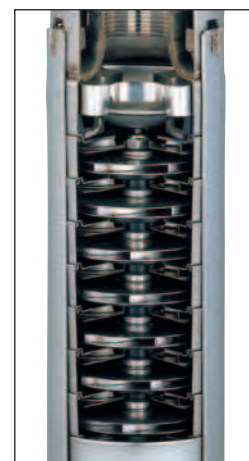
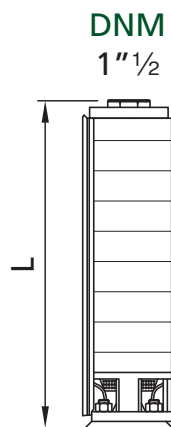
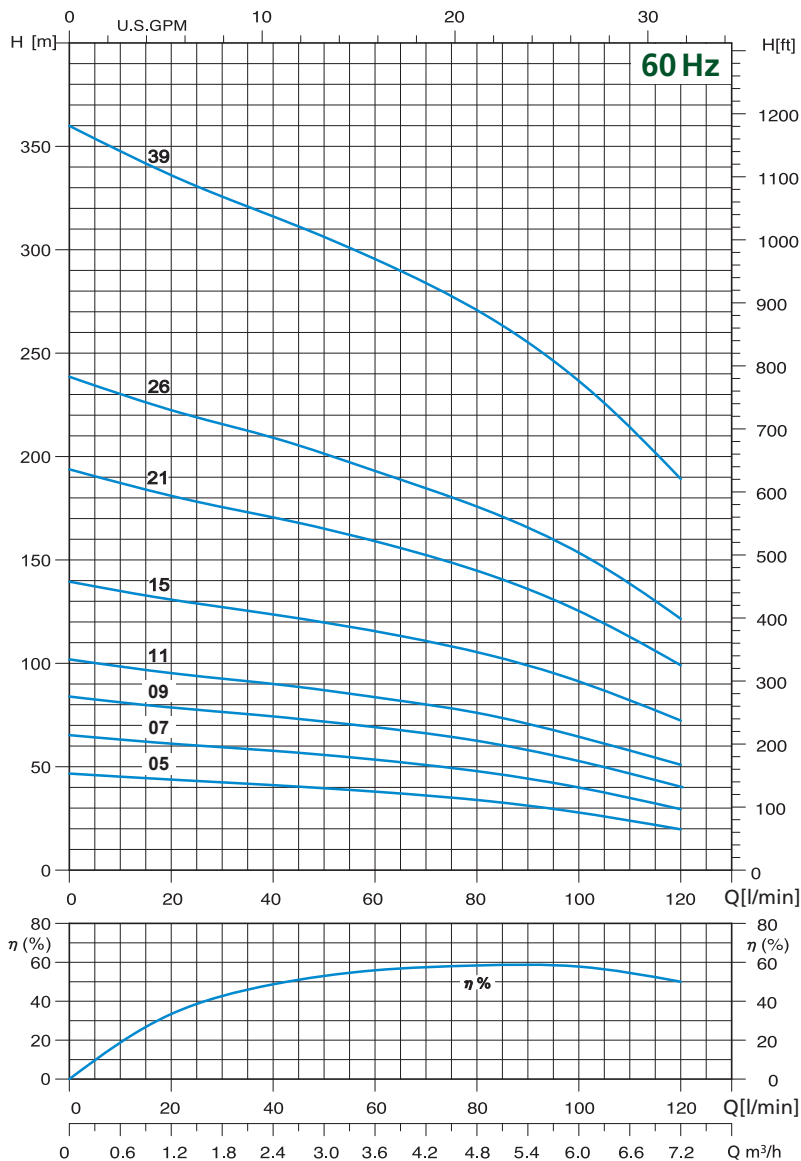
## BOMBAS SUMERGIBLES INOXIDABLES MULTIESTADIO PARA POZOS DE 4"

### APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



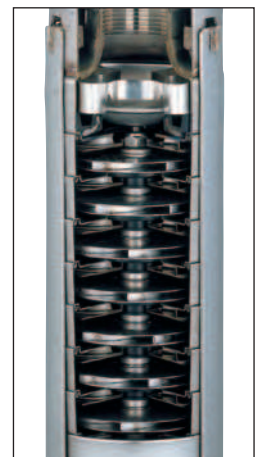
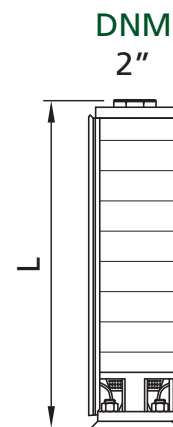
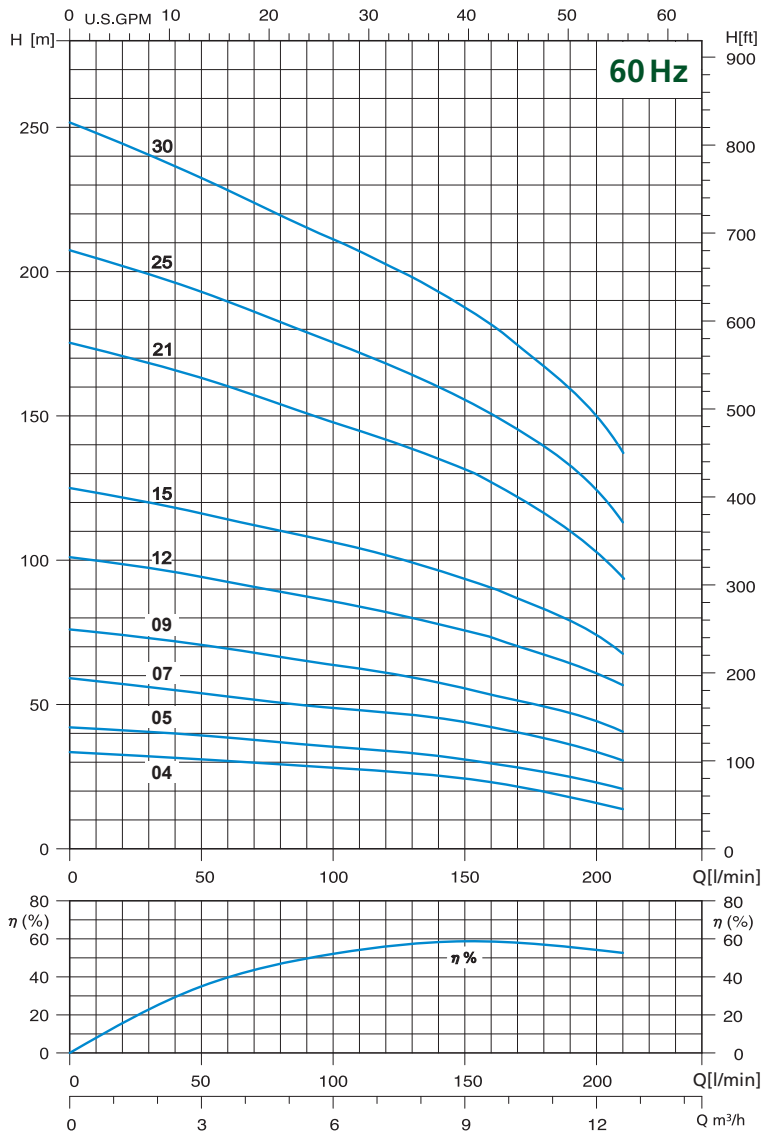
| TIPO<br>TYPE   | ESTADIOS<br>STAGES | MOTOR |      | Q = CAPACIDAD - CAPACITY |     |     |     |     |    |     |     |     |     |     |     |     |     |      |     |     | BOMBA - PUMP           |                |
|--|--------------------|-------|------|--------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|------------------------|----------------|
|  |                    |       |      | l/m 0                    | 25  | 30  | 35  | 40  | 50 | 60  | 70  | 80  | 90  | 100 | 120 | 140 | 160 | 180  | 200 | 250 | Longitud<br>Lenght (L) | Peso<br>Weight |
|  |                    |       |      | m³/h 0                   | 1,5 | 1,8 | 2,1 | 2,4 | 3  | 3,6 | 4,2 | 4,8 | 5,4 | 6   | 7,2 | 8,4 | 9,6 | 10,8 | 12  | 15  | mm                     | kg             |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                    |       |      |                          |     |     |     |     |    |     |     |     |     |     |     |     |     |      |     |     |                        |                |
| SX 126-05  | 5                  | 0,55  | 0,75 | 47                       |     |     |     |     |    | 38  | 36  | 34  | 31  | 28  | 20  |     |     |      |     | 272 | 2,2                    |                |
| SX 126-07  | 7                  | 0,75  | 1    | 65                       |     |     |     |     |    | 53  | 51  | 48  | 44  | 40  | 29  |     |     |      |     | 314 | 2,6                    |                |
| SX 126-09  | 9                  | 1,1   | 1,5  | 84                       |     |     |     |     |    | 69  | 66  | 63  | 58  | 53  | 40  |     |     |      |     | 356 | 3                      |                |
| SX 126-11  | 11                 | 1,5   | 2    | 102                      |     |     |     |     |    | 84  | 80  | 76  | 71  | 65  | 51  |     |     |      |     | 398 | 3,4                    |                |
| SX 126-15  | 15                 | 2,2   | 3    | 140                      |     |     |     |     |    | 116 | 111 | 105 | 99  | 91  | 72  |     |     |      |     | 482 | 4,1                    |                |
| SX 126-21  | 21                 | 3     | 4    | 194                      |     |     |     |     |    | 159 | 152 | 145 | 136 | 125 | 99  |     |     |      |     | 608 | 5,3                    |                |
| SX 126-26  | 26                 | 3,7   | 5    | 237                      |     |     |     |     |    | 193 | 185 | 176 | 166 | 153 | 122 |     |     |      |     | 713 | 6,2                    |                |
| SX 126-39  | 39                 | 5,5   | 7,5  | 360                      |     |     |     |     |    | 295 | 284 | 271 | 255 | 237 | 189 |     |     |      |     | 994 | 11,1                   |                |

### APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



| TIPO<br>TYPE   | ESTADIOS<br>STAGES | MOTOR |     | Q = CAPACIDAD - CAPACITY |     |     |    |     |     |     |     |     |     |     |     |      |     |     |     |     | BOMBA - PUMP           |                |      |
|--|--------------------|-------|-----|--------------------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|------------------------|----------------|------|
|  |                    |       |     | l/m 0                    | 35  | 40  | 50 | 60  | 70  | 80  | 90  | 100 | 120 | 140 | 160 | 180  | 200 | 250 | 300 | 350 | Longitud<br>Lenght (L) | Peso<br>Weight |      |
|  |                    |       |     | m³/h 0                   | 2,1 | 2,4 | 3  | 3,6 | 4,2 | 4,8 | 5,4 | 6   | 7,2 | 8,4 | 9,6 | 10,8 | 12  | 15  | 18  | 21  |                        |                | mm   |
| Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |                    |       |     |                          |     |     |    |     |     |     |     |     |     |     |     |      |     |     |     |     |                        |                |      |
| SX 206-04  | 4                  | 0,75  | 1   | 33                       |     |     |    |     |     | 29  | 28  | 27  | 26  | 25  | 23  | 20   | 16  |     |     |     |                        | 370            | 3,8  |
| SX 206-05  | 5                  | 1,1   | 1,5 | 42                       |     |     |    |     |     | 37  | 36  | 35  | 34  | 32  | 29  | 25   | 21  |     |     |     |                        | 412            | 4,3  |
| SX 206-07  | 7                  | 1,5   | 2   | 59                       |     |     |    |     |     | 51  | 50  | 49  | 47  | 45  | 42  | 37   | 31  |     |     |     |                        | 496            | 5,3  |
| SX 206-09  | 9                  | 2,2   | 3   | 76                       |     |     |    |     |     | 66  | 65  | 64  | 61  | 59  | 55  | 49   | 41  |     |     |     |                        | 580            | 6,3  |
| SX 206-12  | 12                 | 3     | 4   | 101                      |     |     |    |     |     | 88  | 86  | 85  | 82  | 78  | 73  | 65   | 54  |     |     |     |                        | 706            | 7,8  |
| SX 206-15  | 15                 | 3,7   | 5   | 125                      |     |     |    |     |     | 109 | 107 | 105 | 101 | 97  | 91  | 81   | 68  |     |     |     |                        | 832            | 9,3  |
| SX 206-21  | 21                 | 5,5   | 7,5 | 175                      |     |     |    |     |     | 154 | 151 | 148 | 142 | 136 | 127 | 114  | 95  |     |     |     |                        | 1084           | 12,3 |
| SX 206-25  | 25                 | 5,5   | 7,5 | 207                      |     |     |    |     |     | 183 | 179 | 175 | 169 | 161 | 151 | 136  | 113 |     |     |     |                        | 1252           | 14,3 |
| SX 206-30  | 30                 | 7,5   | 10  | 251                      |     |     |    |     |     | 220 | 215 | 211 | 204 | 195 | 182 | 164  | 139 |     |     |     |                        | 1459           | 16,8 |

# SX 356

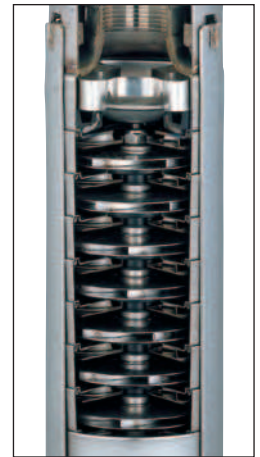
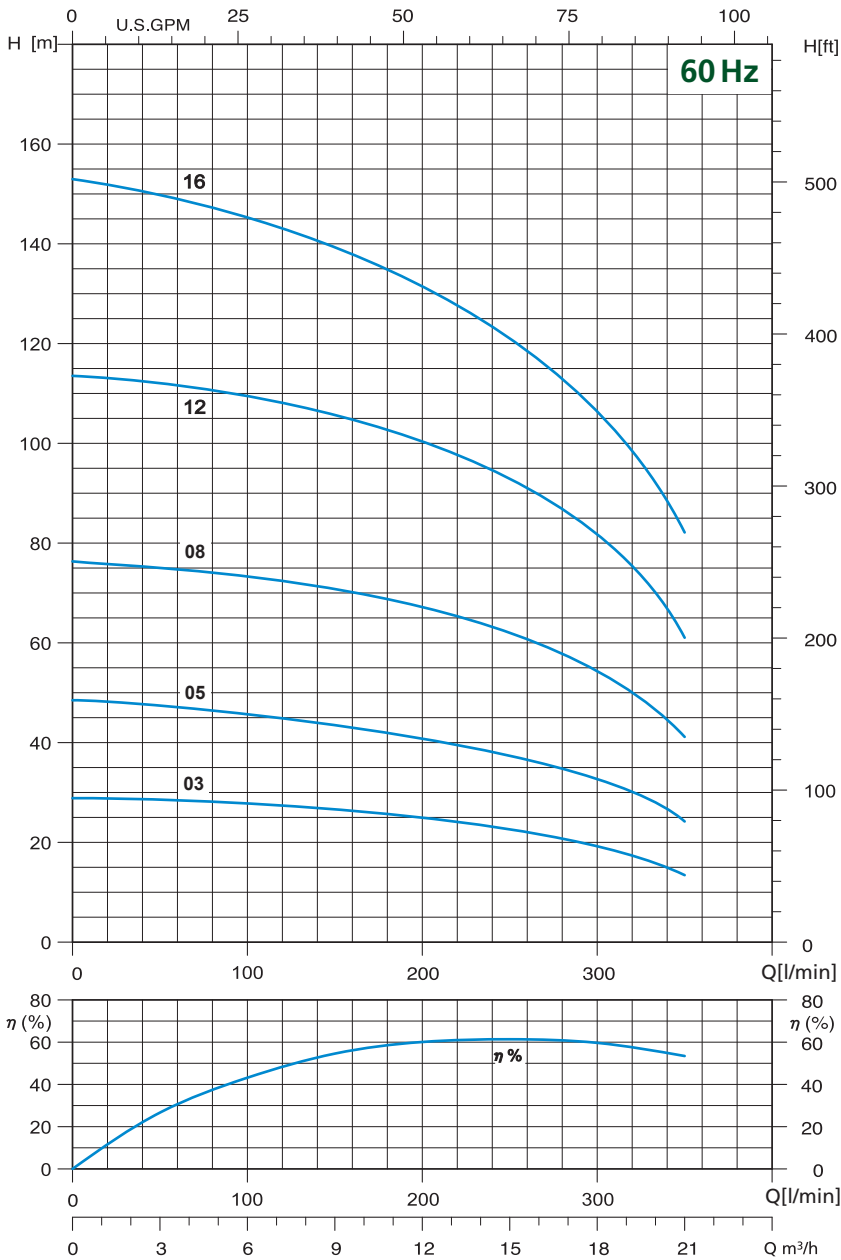
## BOMBAS SUMERGIBLES INOXIDABLES MULTIESTADIO PARA POZOS DE 4" INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

### APLICACIONES

Bombas sumergibles multiestadio para pozos profundos de 4" (DN 100 mm). Especialmente adecuadas para aplicaciones civiles e industriales, alimentación de chorros de agua y fuentes, instalaciones antiincendios, riego en general y para el abastecimiento de agua limpia.

### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.



| TIPO<br>TYPE | ESTADIOS<br>STAGES | MOTOR  |     | Q = CAPACIDAD - CAPACITY |     |    |     |     |     |      |     |     |     |     |     |     |     |     |     |     | BOMBA - PUMP           |                |  |  |  |  |     |      |      |
|--------------|--------------------|--------|-----|--------------------------|-----|----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------------|----------------|--|--|--|--|-----|------|------|
|              |                    |        |     | l/m 0                    | 70  | 80 | 90  | 100 | 120 | 140  | 160 | 180 | 200 | 250 | 300 | 350 | 380 | 420 | 460 | 500 | Longitud<br>Lenght (L) | Peso<br>Weight |  |  |  |  |     |      |      |
|              |                    | m³/h 0 | 4,2 | 4,8                      | 5,4 | 6  | 7,2 | 8,4 | 9,6 | 10,8 | 12  | 15  | 18  | 21  | 23  | 25  | 28  | 30  | mm  | kg  |                        |                |  |  |  |  |     |      |      |
| SX 356-03    | 3                  | 1,5    | 2   | 29                       |     |    |     |     |     | 28   | 27  | 26  | 25  | 22  | 19  | 14  |     |     |     |     |                        |                |  |  |  |  | 375 | 3,7  |      |
| SX 356-05    | 5                  | 2,2    | 3   | 48                       |     |    |     |     |     | 45   | 44  | 42  | 41  | 37  | 32  | 24  |     |     |     |     |                        |                |  |  |  |  |     | 505  | 5    |
| SX 356-08    | 8                  | 3,7    | 5   | 76                       |     |    |     |     |     | 72   | 70  | 69  | 67  | 61  | 53  | 41  |     |     |     |     |                        |                |  |  |  |  |     | 700  | 7    |
| SX 356-12    | 12                 | 5,5    | 7,5 | 114                      |     |    |     |     |     | 107  | 104 | 102 | 99  | 90  | 78  | 61  |     |     |     |     |                        |                |  |  |  |  |     | 960  | 9,5  |
| SX 356-16    | 16                 | 7,5    | 10  | 153                      |     |    |     |     |     | 145  | 142 | 138 | 135 | 123 | 106 | 82  |     |     |     |     |                        |                |  |  |  |  |     | 1220 | 12,1 |

## MOTORES SUMERGIBLES MULTIESTADIO EN BAÑO DE ACEITE PARA POZOS DE 4" MULTISTAGE SUBMERSIBLE MOTORS IN OIL BATH FOR 4" WELLS



### LÍMITES DE USO

- Temperatura de líquido de hasta 35 °C  
(para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 35 °C (para otros usos)

### MOTORE

- Motor eléctrico por inducción de 2 polos  
(n = 3450 min<sup>-1</sup>)
- Motor sumergido en baño de aceite
- Aislamiento Clase F
- Protección IP 68
- Servicio continuo.

### MATERIALI MOTORE

- Camisa exterior Acero inoxidable AISI 304
- Eje motor Acero inoxidable AISI 304
- Soporte superior Fundición galvanizada
- Junta mecánica Cerámica/Grafito

### OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)

### MOTOR

- Two-pole induction motor  
(n=3450 min<sup>-1</sup>)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

### MOTOR MATERIALS

- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Upper bracket Zinc plated Cast Iron
- Mechanical seal Ceramic/Graphite

## MOTORES MONOFÁSICOS 60 Hz - SINGLE-PHASE MOTORS 60Hz

| TIPO<br>TYPE                            | POTENCIA NOMINAL<br>NOMINAL POWER |      | Voltage | IN   | Istart | Eficiencia<br>Efficiency | COS φ | RPM  | Thrust Load | Condensador<br>Capacitor | Cable   |     |
|---|-----------------------------------|------|---------|------|--------|--------------------------|-------|------|-------------|--------------------------|---------|-----|
|   | HP                                | kW   |         |      |        |                          |       |      |             |                          | V       | A   |
| Monofásico<br>Single-phase<br>220V-60Hz | P2                                |      |         |      |        |                          |       |      |             |                          |         |     |
| MS 0,5                                  | 0,5                               | 0,37 | 220     | 2,9  | 16     | 61                       | 0,92  | 3465 | 2000        | 20                       | 4 x 1,5 | 1,7 |
| MS 0,75                                 | 0,75                              | 0,55 | 220     | 4,1  | 20,2   | 63                       | 0,95  | 3475 | 2000        | 25                       | 4 x 1,5 | 1,7 |
| MS 1                                    | 1                                 | 0,75 | 220     | 4,95 | 22,6   | 68                       | 0,95  | 3455 | 2000        | 35                       | 4 x 1,5 | 1,7 |
| MS 1,5                                  | 1,5                               | 1,1  | 220     | 6,8  | 32     | 72                       | 0,98  | 3450 | 2000        | 40                       | 4 x 1,5 | 1,7 |
| MS 2                                    | 2                                 | 1,5  | 220     | 9,9  | 41     | 69                       | 0,95  | 3445 | 2000        | 60                       | 4 x 1,5 | 1,7 |
| MS 3                                    | 3                                 | 2,2  | 220     | 14,9 | 47     | 67                       | 0,96  | 3435 | 2000        | 80                       | 4 x 1,5 | 1,7 |
| MS 5                                    | 5                                 | 3,7  | 220     | 24,1 | 92     | 72                       | 0,93  | 3460 | 5000        | 90                       | 4 x 2   | 2,7 |

## MOTORES TRIFÁSICOS 60 Hz - THREE-PHASE MOTORS 60Hz

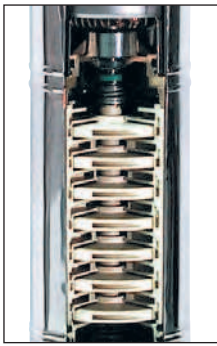
| TIPO<br>TYPE                          | POTENCIA NOMINAL<br>NOMINAL POWER |      | Voltage | IN   | Istart | Eficiencia<br>Efficiency | COS φ | RPM  | Thrust Load | Cable |         |     |
|---------------------------------------|-----------------------------------|------|---------|------|--------|--------------------------|-------|------|-------------|-------|---------|-----|
|                                       | HP                                | kW   |         |      |        |                          |       |      |             | V     | A       | A   |
| Trifásico<br>Three-phase<br>380V-60Hz | P2                                |      |         |      |        |                          |       |      |             |       |         |     |
| MST 0,5                               | 0,5                               | 0,37 | 380     | 1,3  | 10,5   | 78                       | 0,77  | 3475 | 2000        |       | 4 x 1,5 | 1,7 |
| MST 0,75                              | 0,75                              | 0,55 | 380     | 1,89 | 11,5   | 77                       | 0,72  | 3480 | 2000        |       | 4 x 1,5 | 1,7 |
| MST 1                                 | 1                                 | 0,75 | 380     | 2,38 | 16,5   | 84                       | 0,72  | 3505 | 2000        |       | 4 x 1,5 | 1,7 |
| MST 1,5                               | 1,5                               | 1,1  | 380     | 3,43 | 21,5   | 76                       | 0,68  | 3455 | 2000        |       | 4 x 1,5 | 1,7 |
| MST 2                                 | 2                                 | 1,5  | 380     | 4,5  | 24,5   | 75                       | 0,75  | 3440 | 2000        |       | 4 x 1,5 | 1,7 |
| MST 3                                 | 3                                 | 2,2  | 380     | 5,9  | 30     | 75                       | 0,72  | 3445 | 3000        |       | 4 x 1,5 | 1,7 |
| MST 4                                 | 4                                 | 3    | 380     | 7,8  | 41     | 76                       | 0,73  | 3460 | 5000        |       | 4 x 2   | 2,7 |
| MST 5,5                               | 5,5                               | 4    | 380     | 9,7  | 67     | 81                       | 0,74  | 3480 | 5000        |       | 4 x 2   | 2,7 |
| MST 7,5                               | 7,5                               | 5,5  | 380     | 14,9 | 79     | 75                       | 0,74  | 3460 | 5000        |       | 4 x 2   | 2,7 |
| MST 10                                | 10                                | 7,5  | 380     | 20,6 | 94     | 75                       | 0,77  | 3460 | 5000        |       | 4 x 2   | 2,7 |

### APLICACIONES

Electrobombas sumergibles centrífugas multiestadio para el bombeo de agua limpia sin sustancias abrasivas. Especialmente indicadas para instalaciones de riego, abastecimiento de agua potable, lavado, aumento de presión en general. Se pueden usar para realizar pequeños grupos de presurización domésticos completamente silenciosos. Elevada resistencia a la corrosión gracias al uso de acero inoxidable para el cuerpo de la bomba y el motor.

### APPLICATION

*Centrifugal submersible multistage water pumps for clean water drainage. Particularly suitable in irrigation systems, drinkable water supplying, washing and generally speaking where a pressure increase is requested. They are rest-resistant thanks to their pump body and motor in stainless steel.*



### LÍMITES DE USO

- Temperatura de líquido de hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Profundidad de inmersión 20 m
- Contenido de arena 40 g/m<sup>3</sup>
- Arranque/hora 45 máx.

### MOTOR

- Motor eléctrico por inducción de 2 polos ( $n = 3450 \text{ min}^{-1}$ )
- Protección amperométrica con rearme automático incorporado
- Aislamiento Clase F
- Protección IP 68

### MATERIALES

- |                                       |                           |
|---------------------------------------|---------------------------|
| - Cuerpo bomba                        | Acero inoxidable AISI 304 |
| - Rejilla                             | Acero inoxidable AISI 304 |
| - Rodete y difusores                  | Noryl                     |
| - Soportes                            | Fundición                 |
| - Eje                                 | Acero inoxidable AISI 304 |
| - Cuerpo del motor                    | Acero inoxidable AISI 304 |
| - Junta mecánica con cámara de aceite | Silicio/Silicio/NBR       |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Submersion depth 20 mt
- Sand content 40 g/m<sup>3</sup>
- Start/hour 45 max

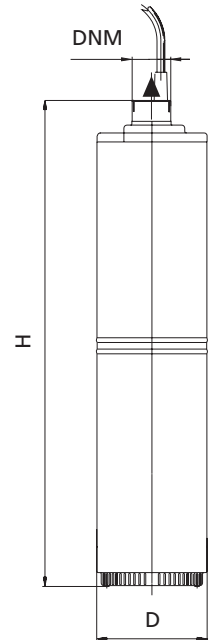
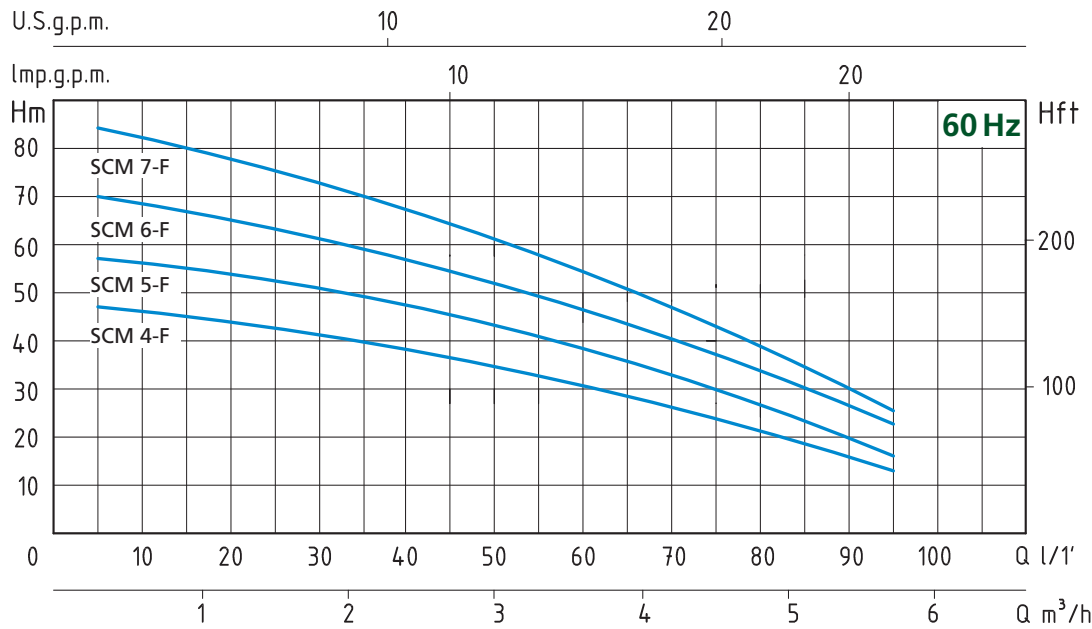
### MOTOR

- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Built-in over load motor protector with automatic reset
- Insulation Class F
- Protection IP 68

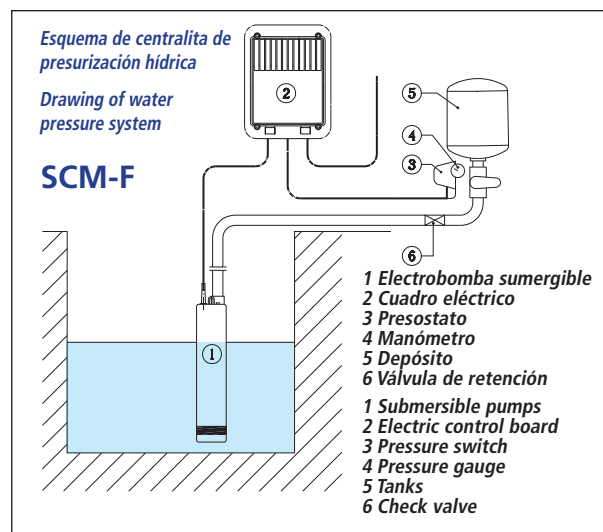
### MATERIALS

- |                                    |                          |
|------------------------------------|--------------------------|
| - External pump body               | Stainless Steel AISI 304 |
| - Suction strainer                 | Stainless Steel AISI 304 |
| - Impeller and diffusers           | Noryl                    |
| - Bearing brackets                 | Cast Iron                |
| - Shaft                            | Stainless Steel AISI 304 |
| - Motor housing                    | Stainless Steel AISI 304 |
| - Mechanical seal with oil chamber | Silicon/Silicon/NBR      |

# MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS



| TIPO<br>TYPE               | POTENCIA<br>ABSORBIDA<br>INPUT<br>POWER | AMPERIO<br>AMPERE          | Condensador<br>Capacitor | Q = CAPACIDAD - CAPACITY   |     |     |     |     |     |     |     |     |     |     |
|----------------------------|---|----------------------------|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                            |   |                            |                          | Carga hidrostática manométrica total en m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |     |
| Monofásico<br>Single-phase | P1                                      | Monofásico<br>Single-phase | µf                       | m³/h   | 0,3 | 0,6 | 0,9 | 1,2 | 1,8 | 2,7 | 3,6 | 4,2 | 5,1 | 5,7 |
|                            | Watt                                    |                            |                          | lt/1'  | 5   | 10  | 15  | 20  | 30  | 45  | 60  | 70  | 85  | 95  |
| 220V-60Hz                  |   | 1 x 220V                   |                          |  |     |     |     |     |     |     |     |     |     |     |
| SCM 4-F                    | 1100                                    | 5,2                        | 20                       | H<br>(m)   | 47  | 46  | 45  | 43  | 42  | 37  | 31  | 26  | 18  | 12  |
| SCM 5-F                    | 1400                                    | 6,5                        | 25                       |  | 58  | 57  | 56  | 55  | 52  | 45  | 38  | 35  | 23  | 16  |
| SCM 6-F                    | 1600                                    | 7,5                        | 30                       |  | 70  | 69  | 68  | 67  | 64  | 55  | 49  | 41  | 31  | 22  |
| SCM 7-F                    | 1850                                    | 8,5                        | 35                       |  | 84  | 83  | 80  | 77  | 74  | 67  | 55  | 47  | 35  | 25  |



| TIPO<br>TYPE               | DIMENSIONES mm - DIMENSIONS mm |     |                      |               |     | DIMENSIONES<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|----------------------------|--------------------------------|-----|----------------------|---------------|-----|---------------------------------|-----|-----|----------------|
|                            | D                              | H   | Rodetes<br>Impellers | CAVO<br>CABLE | DNM | P                               | L   | H   |                |
| Monofásico<br>Single-phase | D                              | H   | Rodetes<br>Impellers | CAVO<br>CABLE | DNM | P                               | L   | H   | Kg             |
| SCM 4-F                    | 128                            | 496 | 4                    | 15 mt         | 1"¼ | 197                             | 588 | 270 | 17,3           |
| SCM 5-F                    | 128                            | 496 | 5                    | 20 mt         | 1"¼ | 197                             | 588 | 270 | 18,4           |
| SCM 6-F                    | 128                            | 564 | 6                    | 20 mt         | 1"¼ | 212                             | 640 | 282 | 19,9           |
| SCM 7-F                    | 128                            | 564 | 7                    | 30 mt         | 1"¼ | 212                             | 640 | 282 | 23,5           |

### APLICACIONES

Motobomba de autocebado, especialmente adecuada para el suministro y la distribución de aguas limpias y claras en agricultura y en jardinería donde la conexión eléctrica no es posible.

### APPLICATION

Selfpriming hand-carry motor pump. Particularly suitable to supply and distribute clean water for agricultural and gardening purposes, when an electrical connection is not possible.

### LÍMITES DE USO

- Temperatura de líquido de hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

### MOTOR

- Revoluciones/min 6500
- Arranque manual
- Capacidad del depósito 0,5 lt

### MATERIALES

- Cuerpo bomba Aluminio
- Soporte del motor Aluminio
- Rodete Fundición
- Juntas mecánicas Cerámica/Grafito/NBR

### OPERATING CONDITIONS

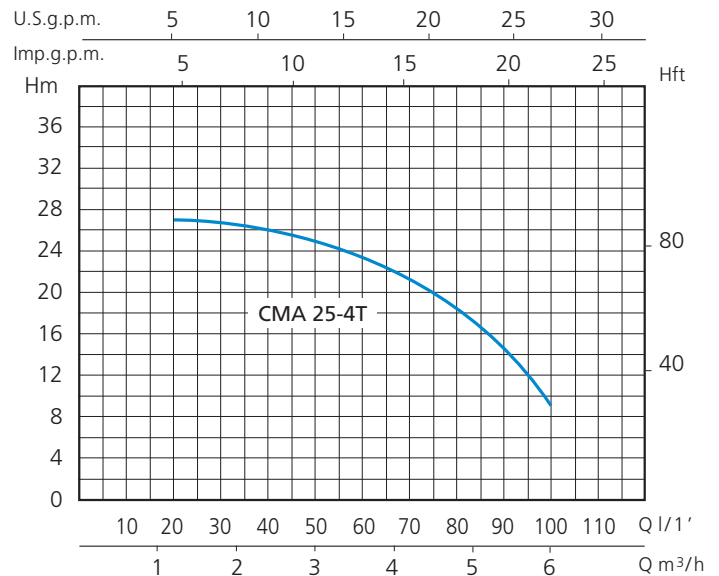
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C

### MOTOR

- r.p.m. 6500
- Start system recoil
- Tank capacity 0,5 lt

### MATERIALS

- Pump body Aluminium
- Motor Support Aluminium
- Impeller Cast Iron
- Mechanical seal Ceramic/Graphite/NBR



| TIPO<br>TYPE | Aspiración<br>impulsión<br>Suction<br>delivery | Revoluciones<br>/min<br>r.p.m. | Capacidad<br>máx.<br>Delivery max.<br>(l/1') | Carga<br>hidrostática<br>máx.<br>Head max. (m) | Altura de<br>aspiración<br>Suction depth<br>(m) | Potencia motor<br>Motor power<br>(hp) | Capacidad del<br>depósito<br>Tank Capacity<br>(lt) | Puesta en<br>marcha<br>Start<br>system | Dimensiones<br>Dimensions<br>(mm) | Peso<br>Weight<br>(Kg) |
|--------------|--|--------------------------------|--|--|---|---------------------------------------|--|--|-----------------------------------|------------------------|
| CMA 25-4T    | 25 (1")  | 6500                           | 110  | 28   | 7   | 1,5                                   | 0,5  | manual<br>recoil                       | 248x462x426                       | 9,9                    |

## APLICACIONES

Motobomba de autocebado, especialmente adecuada para el suministro y la distribución de aguas limpias y claras en agricultura y en jardinería donde la conexión eléctrica no es posible.

## APPLICATION

Selfpriming hand-carry motor pump. Particularly suitable to supply and distribute clean water for agricultural and gardening purposes, when an electrical connection is not possible.

## LÍMITES DE USO

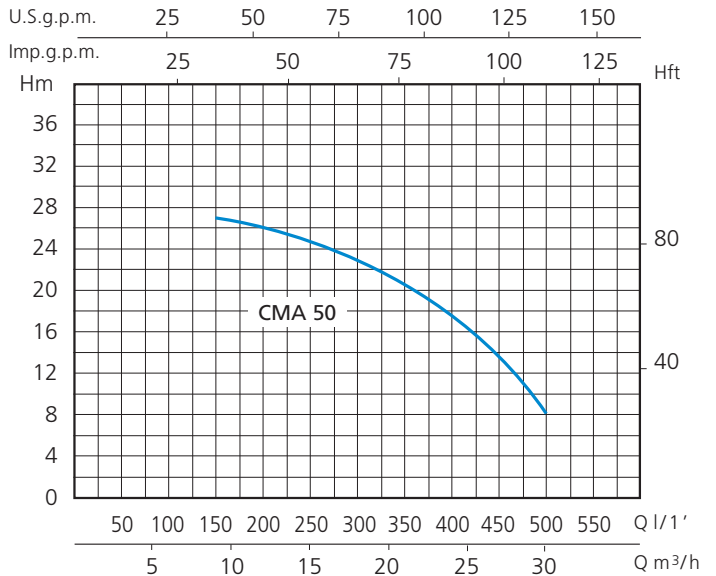
- Temperatura de líquido de hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

## MOTOR

- Revoluciones/min 3600
- Arranque manual
- Capacidad del depósito 3,6 lt

## MATERIALES

- Cuerpo bomba Aluminio
- Soporte del motor Aluminio
- Rodete Fundición
- Juntas mecánicas Cerámica/Grafito/NBR



## OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C

## MOTOR

- r.p.m. 3600
- Start system recoil
- Tank capacity 3,6 lt

## MATERIALS

- Pump body Aluminium
- Motor Support Aluminium
- Impeller Cast Iron
- Mechanical seal Ceramic  
Graphite/NBR



| TIPO<br>TYPE | Aspiración<br>impulsión<br>Suction<br>delivery | Revoluciones<br>/min<br>r.p.m. | Capacidad<br>máx.<br>Delivery max.<br>(l/1') | Carga<br>hidrostática<br>máx.<br>Head max. (m) | Altura de<br>aspiración<br>Suction depth<br>(m) | Potencia motor<br>Motor power<br>(hp) | Capacidad del<br>depósito<br>Tank Capacity<br>(lt) | Puesta en<br>marcha<br>Start<br>system | Dimensiones<br>Dimensions<br>(mm) | Peso<br>Weight<br>(Kg) |
|--------------|--|--------------------------------|--|--|---|---------------------------------------|--|--|-----------------------------------|------------------------|
| CMA 50       | 50 (2")  | 3600                           | 550  | 29   | 7   | 6,5                                   | 3,6  | manual<br>recoil                       | 440x559x420                       | 26,3                   |



### APLICACIONES

Motobomba de autocebado, especialmente adecuada para el suministro y la distribución de aguas limpias y claras en agricultura y en jardinería donde la conexión eléctrica no es posible.

### APPLICATION

Selfpriming hand-carry motor pump. Particularly suitable to supply and distribute clean water for agricultural and gardening purposes, when an electrical connection is not possible.

### LÍMITES DE USO

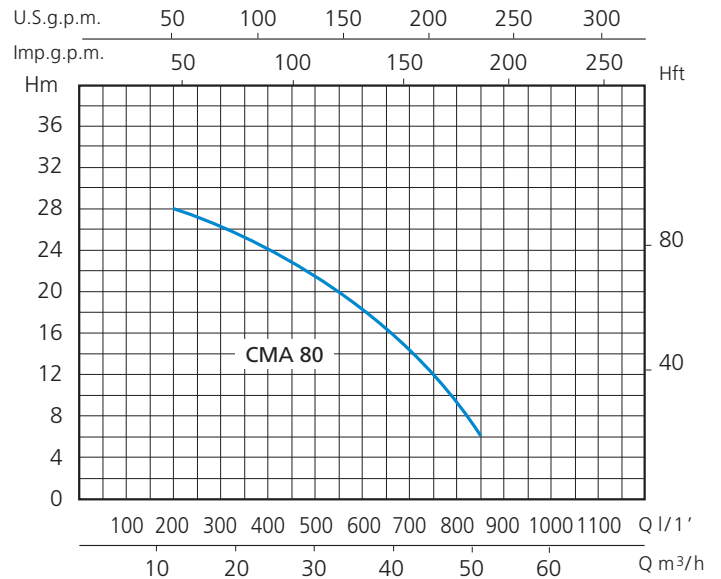
- Temperatura de líquido de hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

### MOTOR

- Revoluciones/min 3600
- Arranque manual
- Capacidad del depósito 3,6 lt

### MATERIALES

- Cuerpo bomba Aluminio
- Soporte del motor Aluminio
- Rodete Fundición
- Juntas mecánicas Cerámica/Grafito/NBR



### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C

### MOTOR

- r.p.m. 3600
- Start system recoil
- Tank capacity 3,6 lt

### MATERIALS

- Pump body Aluminium
- Motor Support Aluminium
- Impeller Cast Iron
- Mechanical seal Ceramic  
Graphite/NBR



| TIPO<br>TYPE | Aspiración<br>impulsión<br>Suction<br>delivery | Revoluciones<br>/min<br>r.p.m. | Capacidad<br>máx.<br>Delivery max.<br>(l/1') | Carga<br>hidrostática<br>máx.<br>Head max. (m) | Altura de<br>aspiración<br>Suction depth<br>(m) | Potencia motor<br>Motor power<br>(hp) | Capacidad del<br>depósito<br>Tank Capacity<br>(lt) | Puesta en<br>marcha<br>Start<br>system | Dimensiones<br>Dimensions<br>(mm) | Peso<br>Weight<br>(Kg) |
|--------------|--|--------------------------------|--|--|---|---------------------------------------|--|--|-----------------------------------|------------------------|
| CMA 80       | 80 (3")  | 3600                           | 900  | 29   | 7   | 6,5                                   | 3,6  | manuale<br>recoil                      | 444x554x480                       | 29,2                   |

### APLICACIONES

Motobomba centrífuga portátil de un solo rodete con funcionamiento por gasolina, especialmente adecuada para el suministro y la distribución de aguas limpias y claras en agricultura y en jardinería donde la conexión eléctrica no es posible.

### LÍMITES DE USO

- Temperatura de líquido de hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)  
Temperatura máx. líquido: 35 °C (para otros usos)
- Temperatura ambiente hasta 40 °C

### MOTOR

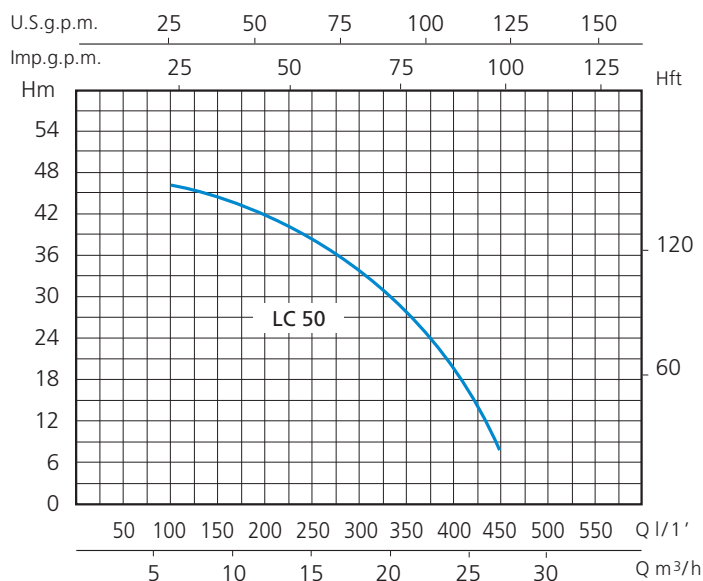
- Revoluciones/min 3600
- Arranque manual
- Capacidad del depósito 3,6 lt

### MATERIALES

- Cuerpo bomba Fundición
- Soporte del motor Fundición
- Rodete Latón
- Juntas mecánicas Cerámica/Grafito/NBR

### APPLICATION

Centrifugal single impeller gasoline hand-carry motor pump. Particularly suitable to supply and distribute clean water for agricultural and gardening purposes, when an electrical connection is not possible.



### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C

### MOTOR

- r.p.m. 3600
- Start system recoil
- Tank capacity 3,6 lt

### MATERIALS

- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Brass
- Mechanical seal Ceramic Graphite/NBR

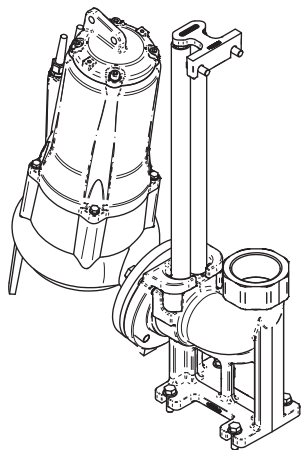


| TIPO<br>TYPE | Aspiración<br>impulsión<br>Suction<br>delivery | Revoluciones<br>/min<br>r.p.m. | Capacidad<br>máx.<br>Delivery max.<br>(l/1') | Carga<br>hidrostática<br>máx.<br>Head max. (m) | Altura de<br>aspiración<br>Suction depth<br>(m) | Potencia motor<br>Motor power<br>(hp) | Capacidad del<br>depósito<br>Tank Capacity<br>(lt) | Puesta en<br>marcha<br>Start<br>system | Dimensiones<br>Dimensions<br>(mm) | Peso<br>Weight<br>(Kg) |
|--------------|--|--------------------------------|--|--|---|---------------------------------------|--|--|-----------------------------------|------------------------|
| LC 50        | 50 (2")  | 3600                           | 460  | 50   | 7   | 6,5                                   | 3,6  | manuale<br>recoil                      | 395x450x397                       | 30,7                   |

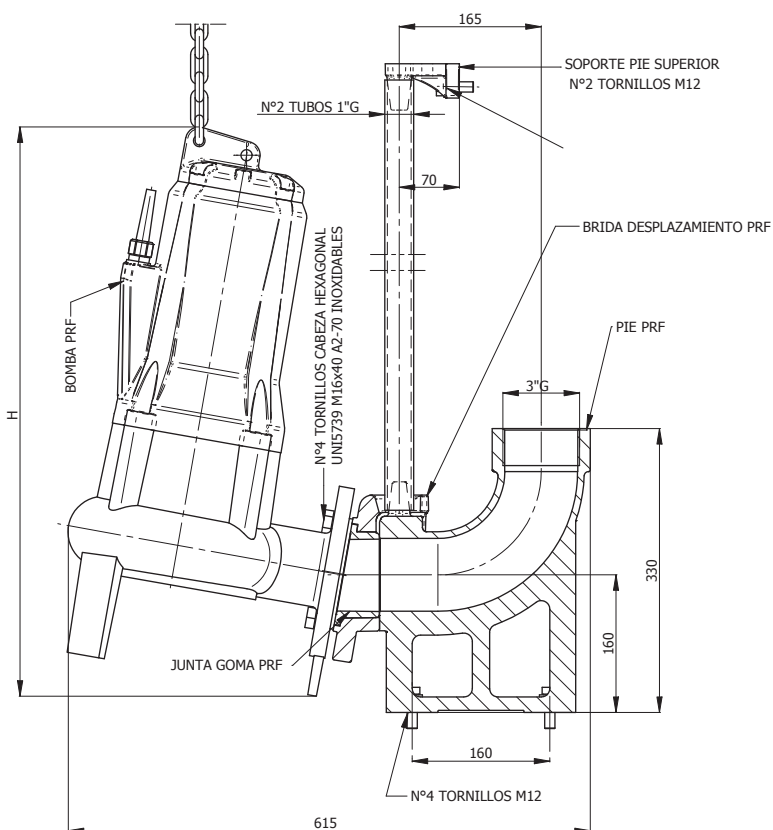
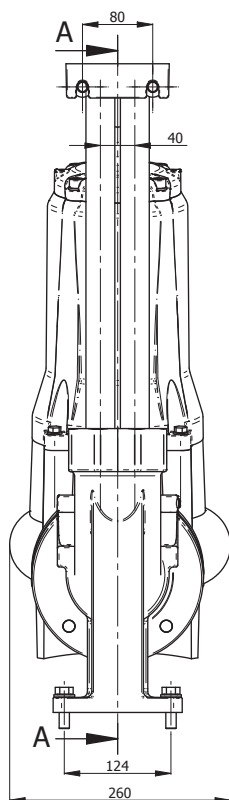
# SET RAIL SYSTEM

## INSTALACIÓN ESTÁNDAR STANDARD INSTALLATION

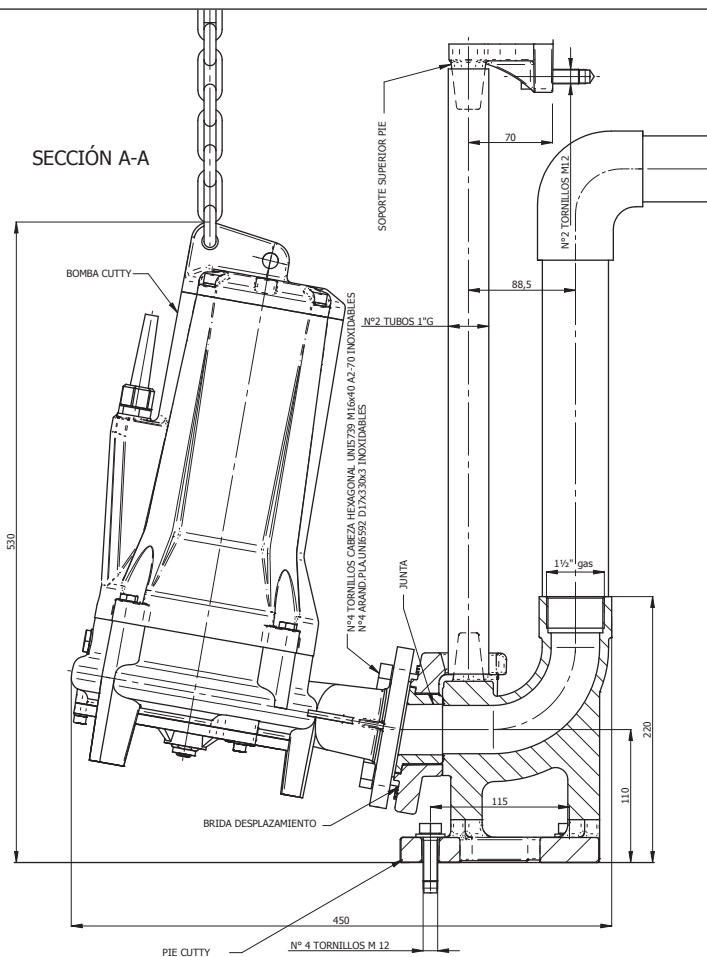
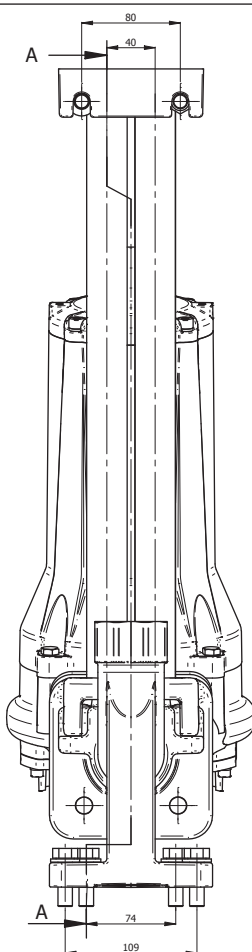
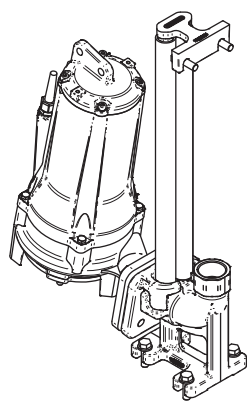
**Modelo**  
**Model PRF**  
pag. 138



| H   | BOMBA  |
|-----|--------|
| 660 | PRF550 |
| 640 | PRF400 |
| 625 | PRF350 |



**Modelo**  
**Model CUTTY**  
pag. 140



# REGULADOR DE PRESIÓN PARA ELECTROBOMBAS

## PRESSURE REGULATOR FOR ELECTRIC PUMPS



### APLICACIONES

Especialmente adecuado para el control automático de las instalaciones de presurización hídrica. Puesta en marcha y apagado automático de la bomba, respectivamente cuando se abren los grifos y cuando el caudal es nulo.

Protege la instalación contra el funcionamiento en seco o cuando la bomba supera la propia capacidad de aspiración.

### LÍMITES DE USO

|                                 |                       |
|---------------------------------|-----------------------|
| - Tensión de alimentación       | 230 V                 |
| - Frecuencia                    | 50-60 Hz              |
| - Intensidad Máx. (Europress)   | 16 (6) A              |
| - Intensidad Máx. (Flussmatic)  | 16 (8) A              |
| - Índice de Protección          | IP 65                 |
| - Presión máx. de ejercicio     | 8 bares (Europress)   |
| - Presión máx. de ejercicio     | 10 bares (Flussmatic) |
| - Temperatura máx. de ejercicio | 65 °C                 |
| - Conexiones                    | 1" macho              |

### MATERIALES

|                   |        |
|-------------------|--------|
| - Cuerpo          | Nailon |
| - Membrana        | NBR    |
| - Sensor de flujo | Latón  |

### APPLICATION

Particularly suitable for the automatic control in water pressure system.

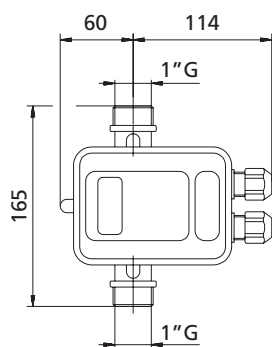
The pump starts and stops automatically when cocks are opened and the delivery is none. Device avoids dry running working and protects the pump from over-suction capacity.

### OPERATING CONDITIONS

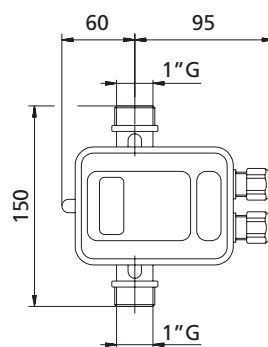
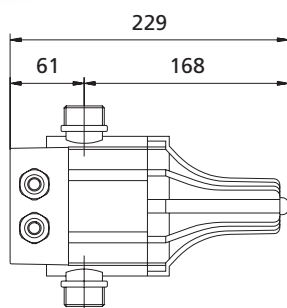
|                                |                     |
|--------------------------------|---------------------|
| - Input voltage                | 230 V               |
| - Frequency                    | 50-60 Hz            |
| - Intensity Max. (Europress)   | 16 (6) A            |
| - Intensity Max. (Flussmatic)  | 16 (8) A            |
| - Protection rating            | IP 65               |
| - Maximum working pressure     | 8 bar (Europress)   |
| - Maximum working pressure     | 10 bar (Flussmatic) |
| - Maximum temperature pressure | 65 °C               |
| - Connection                   | 1" male             |

### MATERIALS

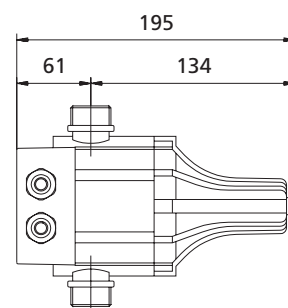
|                   |       |
|-------------------|-------|
| - Body            | Nylon |
| - Membrane        | NBR   |
| - Pressure switch | Brass |



FLUSSMATIC



EUROPRESS




**IDROSFERA 24 LITROS DE MEMBRANA  
24 LITERS MEMBRANE PRESSURE TANK**

| Tipo - Type | Presión máx.<br>Max. Pressure | Capacidad litros<br>Capacity liters | Racor<br>Connector |
|-------------|-------------------------------|-------------------------------------|--------------------|
| IDROSFERA   | 8 bar                         | 24                                  | 1"                 |


**IDROPRESS DE MEMBRANA C€  
MEMBRANE PRESSURE TANK**

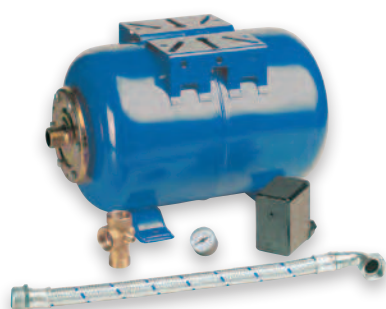
| Tipo - Type   | Presión máx.<br>Max. Pressure | Capacidad litros<br>Capacity liters | Racor<br>Connector |
|---------------|-------------------------------|-------------------------------------|--------------------|
| IDROPRESS 22  | 8 bar                         | 22                                  | 1"                 |
| IDROPRESS 25  | 8 bar                         | 25                                  | 1"                 |
| IDROPRESS 60  | 10 bar                        | 60                                  | 1"                 |
| IDROPRESS 100 | 10 bar                        | 100                                 | 1"                 |
| IDROPRESS 200 | 10 bar                        | 200                                 | 1" ½               |
| IDROPRESS 300 | 10 bar                        | 300                                 | 1" ½               |


**IDROPRESS DE MEMBRANA C€  
MEMBRANE PRESSURE TANK**

| Tipo - Type   | Presión máx.<br>Max. Pressure | Capacidad litros<br>Capacity liters | Racor<br>Connector |
|---------------|-------------------------------|-------------------------------------|--------------------|
| IDROSFERA 100 | 10 bar                        | 100                                 | 1"                 |
| IDROSFERA 200 | 10 bar                        | 200                                 | 1" ½               |
| IDROSFERA 300 | 10 bar                        | 300                                 | 1" ½               |
| IDROSFERA 500 | 10 bar                        | 500                                 | 1" ½               |


**SET IDROSFERA 24 LITROS  
24 LITERS TANK GROUP**

| Componentes - Components  |
|---|
| <ul style="list-style-type: none"> <li>• Depósito 24 l vertical - Vertical tank 24 lt.</li> <li>• Manómetro escala 0÷6 bares - Pressure gauge</li> <li>• Racor latón 5 vías - 5 ways connector</li> <li>• Presostato - Pressure switch</li> </ul> |


**SET IDROPRESS 25 LITROS  
25 LITERS TANK GROUP**

| Componentes - Components  |
|---|
| <ul style="list-style-type: none"> <li>• Depósito 25 l horizontal - horizontal tank 25 lt.</li> <li>• Manómetro escala 0÷6 bares - Pressure gauge</li> <li>• Tubo flexible 520 mm - Flexible hose</li> <li>• Racor latón 5 vías - 5 ways connector</li> <li>• Presostato - Pressure switch</li> </ul> |

**PRESOSTATO  
PRESSURE SWITCH**

| Tipo - Type | Medidas Size  | Racor Connector  |
|-------------|---------------|------------------|
| PM 5 - F    | 1,6 ÷ 3,2 bar | ¼" Hembra/Female |
| PM 5 - ML   | 1,6 ÷ 3,2 bar | ¼" Macho/Male    |



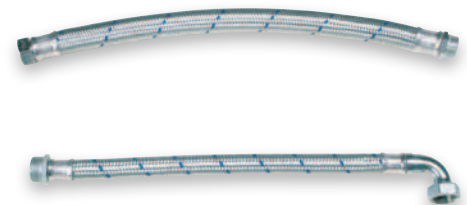
**PRESOSTATO  
PRESSURE SWITCH**

| Tipo - Type | Medidas Size  | Racor Connector  |
|-------------|---------------|------------------|
| FSG - 2     | 1,4 ÷ 2,8 bar | ¼" Hembra/Female |



**TUBO FLEXIBLE ANTIVIBRANTE  
ANTI VIBRATION FLEXIBLE HOSE**

| Tipo - Type | Medidas Size | Racor Connector     |
|-------------|--------------|---------------------|
| TFR 30      | 300 mm       | ½" Con racor/Bended |
| TFR 52      | 520 mm       | 1" Con racor/Bended |
| TFD 60      | 600 mm       | 1" Recto/Right      |



**MANÓMETRO  
PRESSURE GAUGE**

| Tipo - Type  | Medidas Size | Racor Connector |
|--|--------------|-----------------|
| Manómetro conexión posterior<br>Pressure gauge back attack | Ø 40         | ¼"              |
| Manómetro conexión radial<br>Pressure gauge radial attack  | Ø 50         | ¼"              |



**RACOR LATÓN  
BRASS CONNECTOR**

| Tipo - Type                     | Medidas - Size |
|---------------------------------|----------------|
| Racor 3 Vías- 3 ways Connector  | 1"             |
| Racor 4 Vías - 4 ways Connector | 1"             |
| Racor 5 Vías - 5 ways Connector | 1"             |



**VÁLVULA DE FONDO  
FOOT VALVE**

| Tipo - Type   | Medidas - Size |
|---|----------------|
| Válvula de Nailon Speroni<br>Nylon foot valve Speroni | 1"             |




**VÁLVULA DE FONDO - FOOT VALVE**

| Tipo - Type  | Medidas - Size |
|--|----------------|
| Válvula de bronce "JUPITER"<br>Bronze foot valve "JUPITER" | 1"             |


**VÁLVULA DE RETENCIÓN - CHECK VALVE**

| Tipo - Type  | Medidas - Size |
|--|----------------|
| Válvula de bronce "JOLLY"<br>Bronze foot valve "JOLLY" | 1"             |
|  | 1" 1/4         |
|  | 1" 1/4         |


**FILTROS DE AGUA - WATER FILTER**

| Tipo - Type | Presión máx.<br>Max. Pressure | Medidas<br>Size | Altura<br>Height |
|-------------|-------------------------------|-----------------|------------------|
| FA 125      | 3,5 bar                       | 1" x 1"         | 5"               |
| FA 250      | 3,5 bar                       | 1" x 1"         | 9"               |


**CARTUCHO DEL FILTRO - FILTER CARTRIDGE**

| Tipo - Type | Diámetro<br>Diameter | Altura<br>Height |
|-------------|----------------------|------------------|
| CF 125      | 63                   | 112              |
| CF 250      | 63                   | 243              |


**FLOTADOR - FLOATER**

| Tipo - Type | Medidas - Size |
|-------------|----------------|
| IGD 2/5     | 2 mt.          |
| IGD 5/5     | 5 mt.          |
| IGD 10/5    | 10 mt.         |


**SET IMPULSIÓN - DELIVERY SET**

| Tipo - Type                           | Medidas - Size |
|---------------------------------------|----------------|
| Set impulsión 8 m<br>Delivery set 8 m | 1" x 28        |
|                                       | 1" 1/4 x 35    |
|                                       | 1" 1/2 x 40    |
|                                       | 2" x 50        |


**SET ASPIRACIÓN - SUCTION SET**

| Tipo - Type                          | Medidas - Size |
|--------------------------------------|----------------|
| Set aspiración 4 m - Suction set 4 m | 1" x 1"        |
| Set aspiración 7 m - Suction set 7 m | 1" x 1"        |

**EYECTOR - EJECTOR**

| Tipo - Type | Diámetro<br>Diameter | Medidas<br>Size |
|-------------|----------------------|-----------------|
| Set EJECTOR | 2"                   | 1"              |



**SET PIE DE BOMBA - SET RAIL SYSTEM**

| Tipo - Type | Medidas - Size |
|-------------|----------------|
| CUTTY       | 1" 1/2         |
| PRF         | 3"             |
| SQ 15-25    | 1" 1/2         |
| SQ 42-50    | 3"             |
| SQ 65-85    | 3"             |



**CONDENSADOR - CAPACITOR**

| Tipo - Type | Diámetro<br>Diameter | Medidas<br>Size |
|-------------|----------------------|-----------------|
| µF 8        | Ø 32                 | 60 mm           |
| µF 10       | Ø 36                 | 60 mm           |
| µF 12,5     | Ø 36                 | 72 mm           |
| µF 14       | Ø 36                 | 72 mm           |
| µF 16       | Ø 40                 | 72 mm           |
| µF 20       | Ø 40                 | 72 mm           |
| µF 25       | Ø 40                 | 97 mm           |
| µF 30       | Ø 40                 | 97 mm           |
| µF 32       | Ø 40                 | 97 mm           |
| µF 35       | Ø 45                 | 97 mm           |
| µF 40       | Ø 50                 | 97 mm           |
| µF 45       | Ø 50                 | 97 mm           |
| µF 50       | Ø 50                 | 97 mm           |
| µF 60       | Ø 50                 | 122 mm          |
| µF 80       | Ø 50                 | 122 mm          |



**JUNTA MECÁNICA COMPLETA - COMPLETE MECHANICAL SEAL**

| Tipo - Type | Diámetro eje<br>Shaft diameter | Material<br>Material                        |
|-------------|--------------------------------|---|
| Kit AR 12   | 12 mm                          | Cerámica/Grafito/NBR - Ceramic/Graphite/NBR |
| Kit AR 13   | 13 mm                          | Cerámica/Grafito/NBR - Ceramic/Graphite/NBR |
| Kit AR 15   | 15 mm                          | Cerámica/Grafito/NBR - Ceramic/Graphite/NBR |
| Kit AR 19   | 19 mm                          | Cerámica/Grafito/NBR - Ceramic/Graphite/NBR |
| Kit FN 15   | 15 mm                          | Cerámica/Grafito/NBR - Ceramic/Graphite/NBR |
| Kit FN 18   | 18 mm                          | Cerámica/Grafito/NBR - Ceramic/Graphite/NBR |
| Kit FN 20   | 20 mm                          | Cerámica/Grafito/NBR - Ceramic/Graphite/NBR |
| Kit FN 24   | 24 mm                          | Cerámica/Grafito/NBR - Ceramic/Graphite/NBR |
| Kit RN 12   | 12 mm                          | Widia/Grafito/NBR - Widia/Graphite/NBR      |
| Kit RN 15   | 15 mm                          | Widia/Grafito/NBR - Widia/Graphite/NBR      |
| Kit RN 20   | 20 mm                          | Widia/Grafito/NBR - Widia/Graphite/NBR      |
| Kit RN 24   | 24 mm                          | Widia/Grafito/NBR - Widia/Graphite/NBR      |
| Kit PNT 15  | 15 mm                          | Cerámica/Grafito/NBR - Ceramic/Graphite/NBR |





PROYECTO GRÁFICO

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