

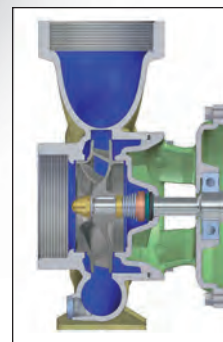
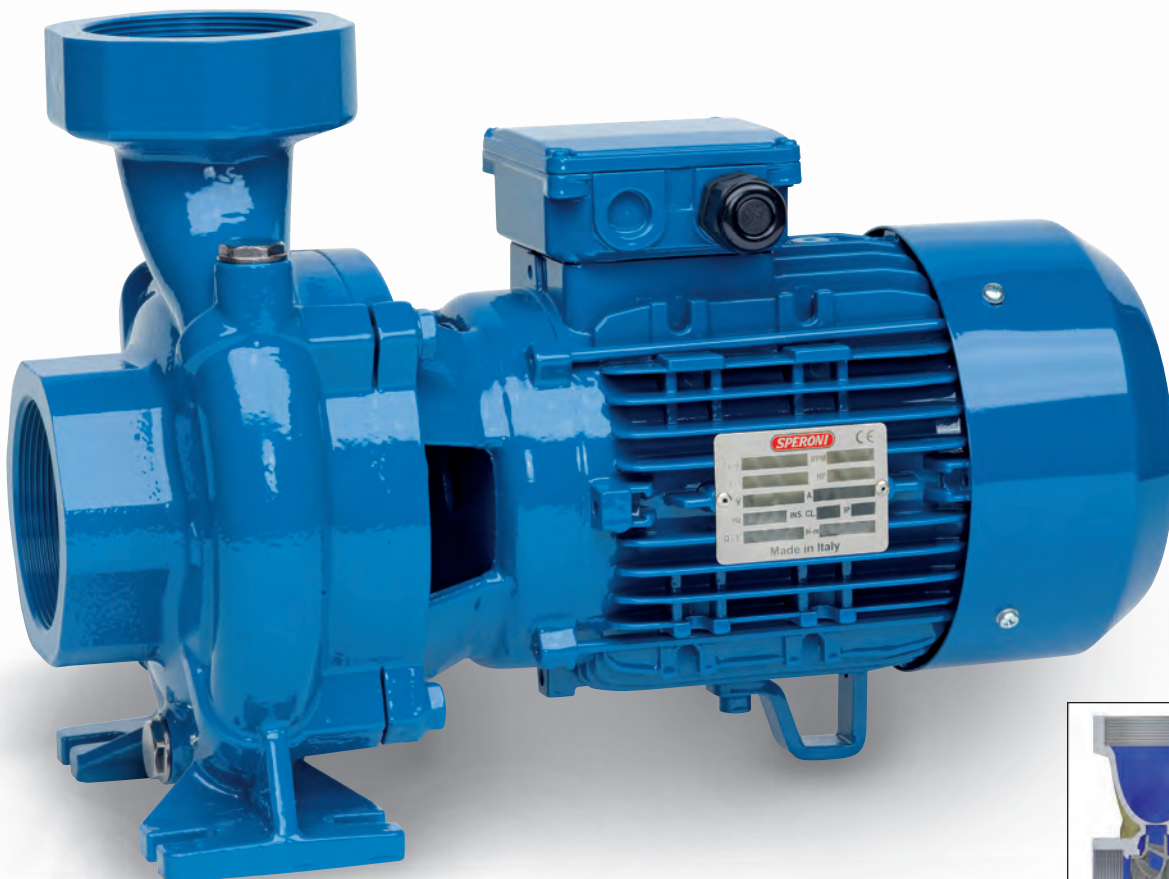
### APLICACIONES

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

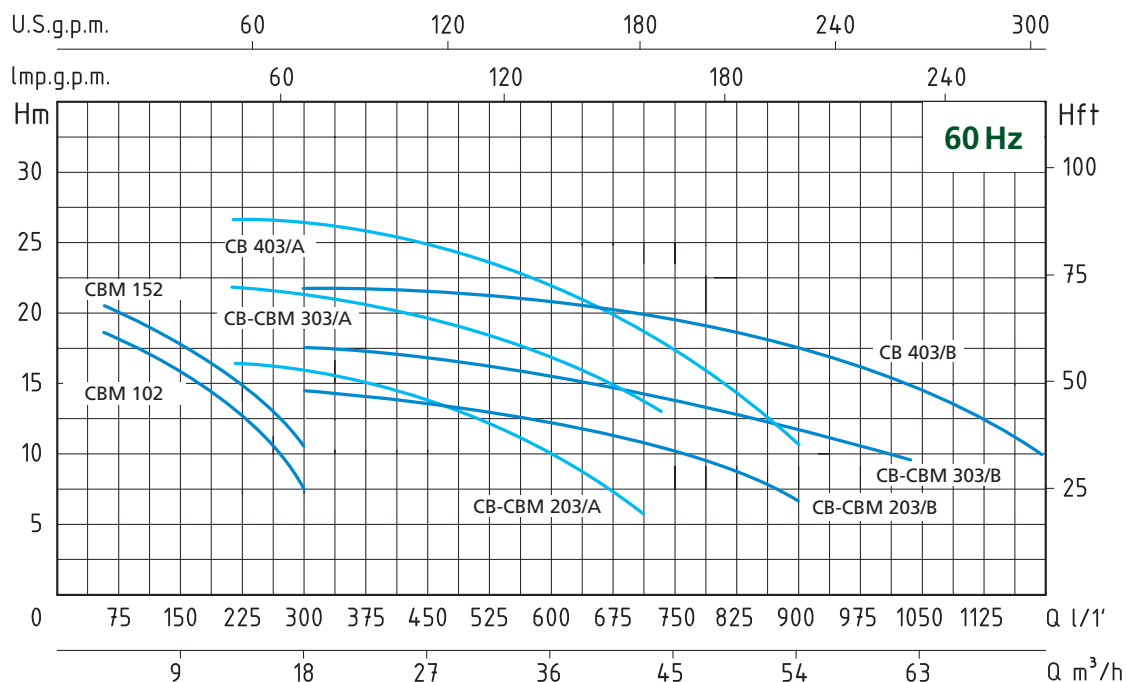
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

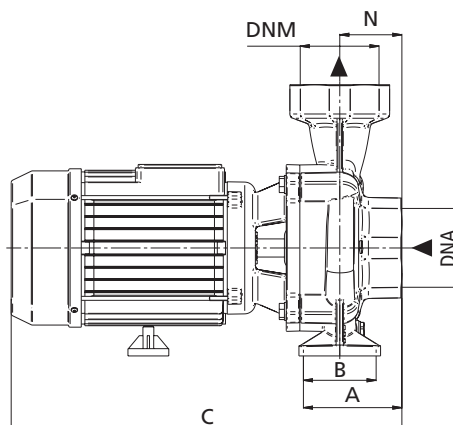
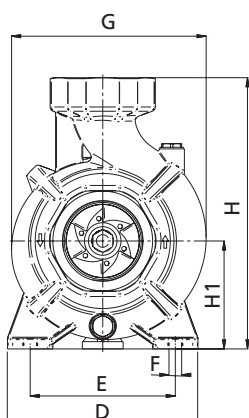
- Two-Pole induction motor ( $n = 3450 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### 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                        |                          | H<br>(m)                                                                   | 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 | 294 | 17,8           |
| 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           |