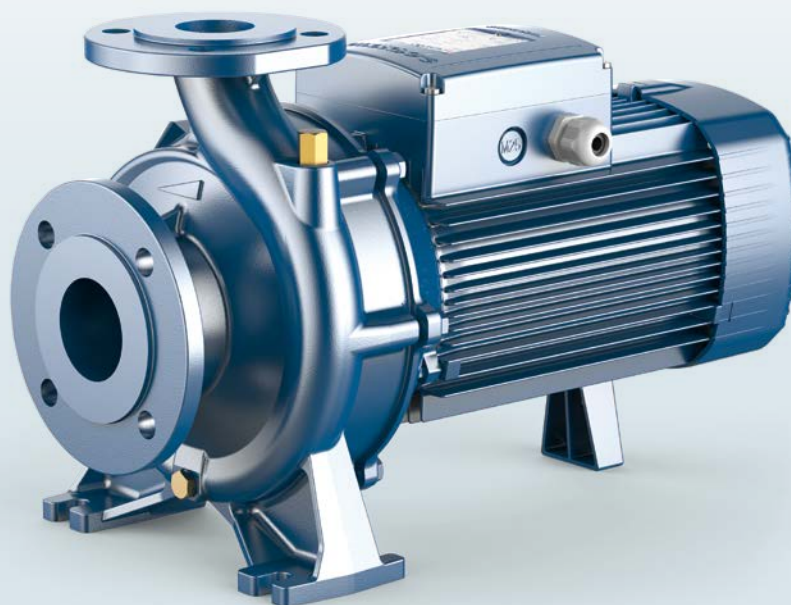


 Aguas limpias

 Uso civil

 Uso industrial


### CAMPO DE PRESTACIONES

- Caudal hasta **5750 l/min** (345 m<sup>3</sup>/h)
- Altura hasta **98 m**
- Potencia de **1.5 a 75 kW**

### USOS E INSTALACIONES

Electrobombas centrífugas monobloque con bridas fabricadas según EN733.

- Para aguas limpias sin partes abrasivas y líquidos químicamente no agresivos los materiales de la bomba.
- Suministro de agua
- Presurización
- Riego
- Circulación de agua en sistemas de aire acondicionado
- Plantas de lavado
- Sistemas contra incendios
- Industria
- Agricultura

La instalación debe realizarse en lugares cerrados bien ventilados o protegidos de la intemperie.

### MOTOR ELÉCTRICO

Las electrobombas trifásicas están equipadas con motores eléctricos de nuevo desarrollo, diseñados para funcionar con variadores, que garantizan un funcionamiento equilibrado y silencioso.

Las clase de eficiencia **IE3** para motores trifásicos, **IE2** para motores monofásicos, aislamiento de clase F y protección IP55.

### LÍMITES DE UTILIZO

- Altura de aspiración manométrica de hasta **7 m**
- Temperatura del líquido **-10 °C** hasta **+90 °C**
- Temperatura ambiente **-10 °C** hasta **+40 °C**
- Presión máxima en el cuerpo de la bomba **10 bar** (PN10)

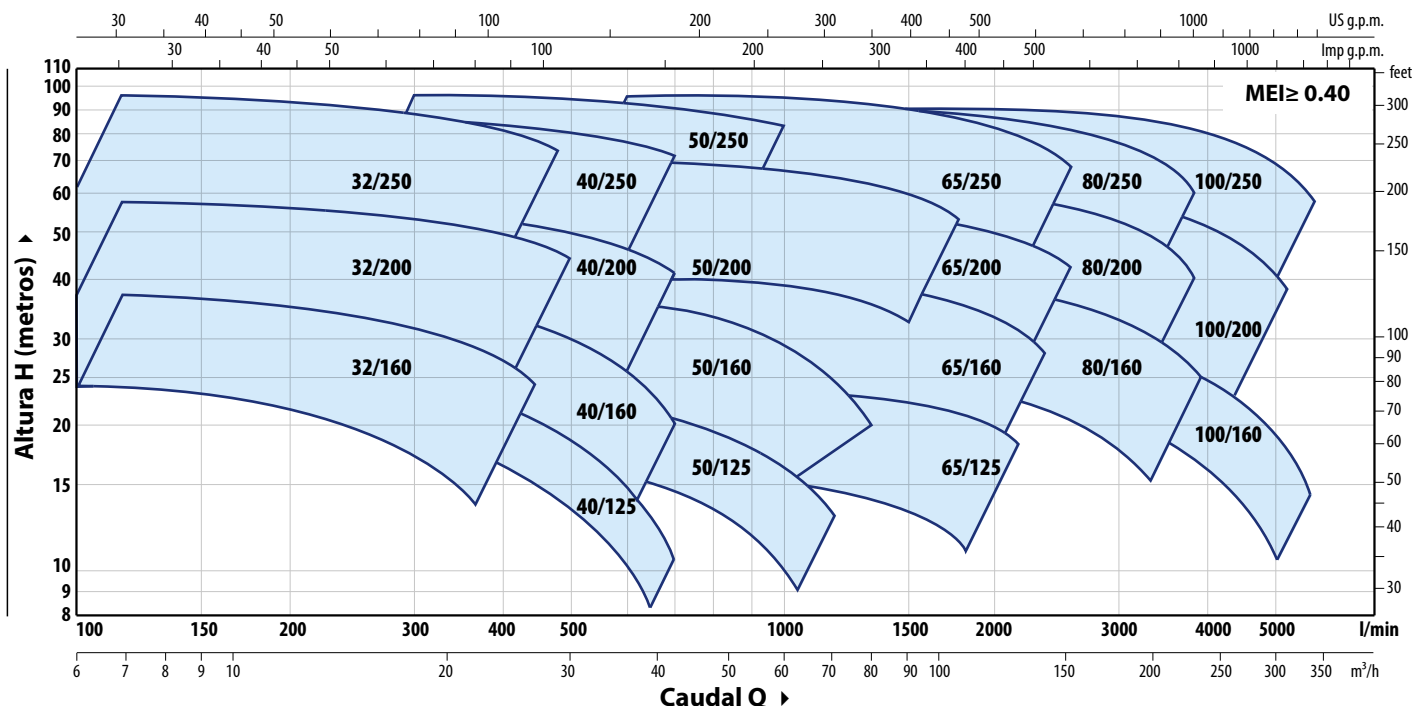
### EJECUCIONES A PEDIDO

- ✗ Sello mecánico especial
- ✗ Otras tensiones o frecuencias a 60 Hz
- ✗ Para líquidos con temperaturas más altas o más bajas
- ✗ Para ambientes con temperaturas más altas o más bajas
- ✗ KIT de contrabrida con tornillos, tuercas y juntas



## CAMPO DE PRESTACIONES – n= 2900 min<sup>-1</sup>

50 Hz



## DATOS DE PRESTACIONES – n= 2900 min<sup>-1</sup>

50 Hz

| TIPO       | POTENCIA (P <sub>2</sub> ) |      | PRESTACIONES |           |
|------------|----------------------------|------|--------------|-----------|
|            | kW                         | HP   | Q l/min      | H metros  |
| F 32/160C  | 1.5                        | 2    | 100 – 350    | 24 – 14   |
| F 32/160B  | 2.2                        | 3    | 100 – 400    | 30 – 17   |
| F 32/160A  | 3                          | 4    | 100 – 450    | 37 – 24   |
| F 32/200C  | 4                          | 5.5  | 100 – 450    | 44 – 31.5 |
| F 32/200B  | 5.5                        | 7.5  | 100 – 500    | 51 – 36   |
| F 32/200A  | 7.5                        | 10   | 100 – 500    | 57 – 44   |
| F 32/200BH | 3                          | 4    | 100 – 300    | 45 – 37   |
| F 32/200AH | 4                          | 5.5  | 100 – 320    | 55 – 44   |
| F 32/250C  | 9.2                        | 12.5 | 100 – 450    | 75 – 60   |
| F 32/250B  | 11                         | 15   | 100 – 500    | 87 – 70   |
| F 32/250A  | 15                         | 20   | 100 – 500    | 97 – 80   |
| F 40/125C  | 1.1                        | 1.5  | 100 – 550    | 16 – 6    |
| F 40/125B  | 1.5                        | 2    | 100 – 600    | 20.5 – 9  |
| F 40/125A  | 2.2                        | 3    | 100 – 700    | 26 – 10   |
| F 40/160C  | 2.2                        | 3    | 100 – 600    | 27 – 14   |
| F 40/160B  | 3                          | 4    | 100 – 600    | 32 – 20   |
| F 40/160A  | 4                          | 5.5  | 100 – 700    | 38 – 20   |
| F 40/200B  | 5.5                        | 7.5  | 100 – 700    | 47 – 28   |
| F 40/200A  | 7.5                        | 10   | 100 – 700    | 55 – 41   |
| F 40/250C  | 9.2                        | 12.5 | 100 – 700    | 64 – 47   |
| F 40/250B  | 11                         | 15   | 100 – 700    | 71 – 55   |
| F 40/250A  | 15                         | 20   | 100 – 700    | 88 – 72   |
| F 50/125C  | 2.2                        | 3    | 300 – 1200   | 17.5 – 6  |
| F 50/125B  | 3                          | 4    | 300 – 1200   | 20.7 – 9  |
| F 50/125A  | 4                          | 5.5  | 300 – 1200   | 23.5 – 13 |
| F 50/160C  | 4                          | 5.5  | 300 – 1000   | 27 – 16   |
| F 50/160B  | 5.5                        | 7.5  | 300 – 1200   | 32 – 18   |
| F 50/160A  | 7.5                        | 10   | 300 – 1350   | 37.5 – 20 |
| F 50/200C  | 11                         | 15   | 400 – 1700   | 44 – 30   |
| F 50/200B  | 15                         | 20   | 400 – 1700   | 52 – 38   |
| F 50/200A  | 18.5                       | 25   | 400 – 1800   | 61 – 45   |
| F 50/200AR | 22                         | 30   | 400 – 1800   | 69 – 53   |

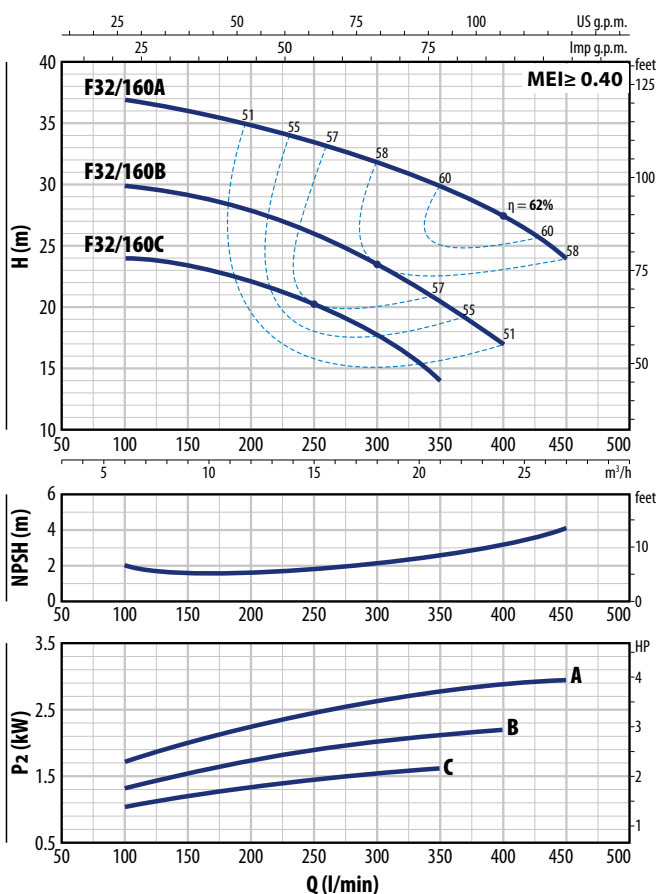
| TIPO       | POTENCIA (P <sub>2</sub> ) |      | PRESTACIONES |           |
|------------|----------------------------|------|--------------|-----------|
|            | kW                         | HP   | Q l/min      | H metros  |
| F 50/250D  | 9.2                        | 12.5 | 300 – 900    | 51 – 32   |
| F 50/250C  | 11                         | 15   | 300 – 1000   | 59 – 43   |
| F 50/250B  | 15                         | 20   | 300 – 1000   | 72 – 59   |
| F 50/250A  | 18.5                       | 25   | 300 – 1000   | 85 – 73   |
| F 50/250AR | 22                         | 30   | 300 – 1000   | 95 – 83   |
| F 65/125C  | 4                          | 5.5  | 600 – 1800   | 16 – 11   |
| F 65/125B  | 5.5                        | 7.5  | 600 – 2000   | 18 – 13   |
| F 65/125A  | 7.5                        | 10   | 600 – 2200   | 23 – 18   |
| F 65/160C  | 9.2                        | 12.5 | 600 – 2200   | 32 – 22   |
| F 65/160B  | 11                         | 15   | 600 – 2400   | 36.5 – 23 |
| F 65/160A  | 15                         | 20   | 600 – 2400   | 40.5 – 28 |
| F 65/200B  | 15                         | 20   | 200 – 2400   | 44 – 30.5 |
| F 65/200A  | 18.5                       | 25   | 200 – 2500   | 50 – 36.5 |
| F 65/200AR | 22                         | 30   | 200 – 2600   | 57 – 42   |
| F 65/250C  | 30                         | 40   | 400 – 2350   | 76 – 53   |
| F 65/250B  | 37                         | 50   | 400 – 2500   | 87 – 62   |
| F 65/250A  | 45                         | 60   | 400 – 2600   | 95 – 68   |
| F 80/160D  | 11                         | 15   | 500 – 4000   | 25 – 10   |
| F 80/160C  | 15                         | 20   | 500 – 4000   | 30 – 15   |
| F 80/160B  | 18.5                       | 25   | 500 – 4000   | 35 – 20   |
| F 80/160A  | 22                         | 30   | 500 – 4000   | 40 – 25   |
| F 80/200B  | 30                         | 40   | 500 – 3650   | 56 – 34.5 |
| F 80/200A  | 37                         | 50   | 500 – 3900   | 62 – 40   |
| F 80/250B  | 45                         | 60   | 600 – 3600   | 77 – 54   |
| F 80/250A  | 55                         | 75   | 600 – 3900   | 88.5 – 60 |
| F 100/160C | 15                         | 20   | 1000 – 5000  | 30 – 12   |
| F 100/160B | 18.5                       | 25   | 1000 – 5200  | 34 – 14.5 |
| F 100/160A | 22                         | 30   | 1000 – 5500  | 38 – 17.5 |
| F 100/200C | 30                         | 40   | 833 – 4650   | 51 – 28   |
| F 100/200B | 37                         | 50   | 833 – 4900   | 57 – 33   |
| F 100/200A | 45                         | 60   | 833 – 5250   | 63 – 38   |
| F 100/250B | 55                         | 75   | 800 – 5150   | 75 – 48   |
| F 100/250A | 75                         | 100  | 800 – 5750   | 89 – 58   |

# F 32

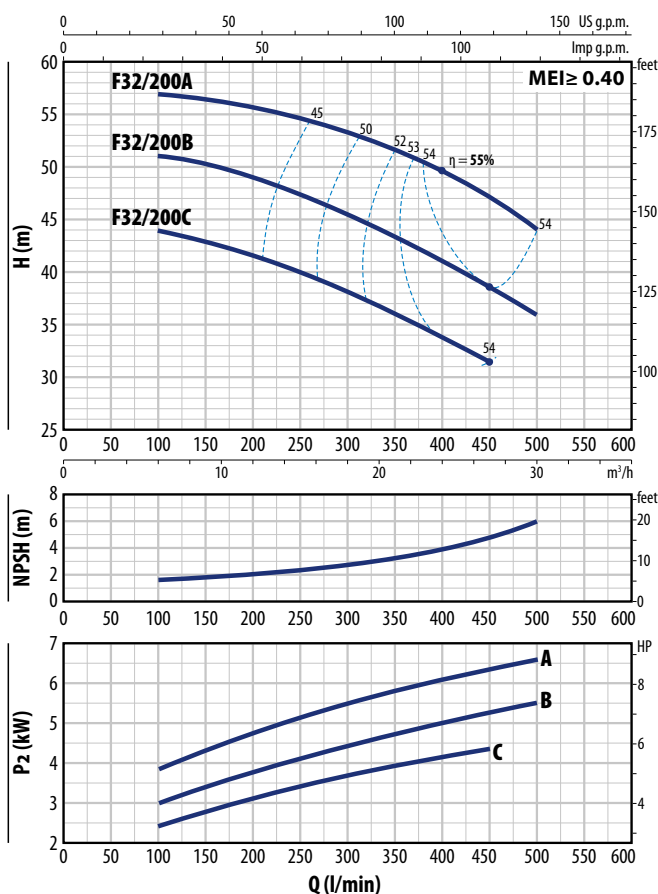
CURVAS Y DATOS DE PRESTACIONES – HS=0 m

50 Hz

## F 32/160



## F 32/200



## F 32/160

| TIPO       |           | POTENCIA (P <sub>2</sub> ) |    | 1~3~    | Q   | m³/h | 0  | 6   | 9    | 12  | 15   | 18   | 21   | 24   | 27  |
|------------|-----------|----------------------------|----|---------|-----|------|----|-----|------|-----|------|------|------|------|-----|
| Monofásico | Trifásico | kW                         | HP |         |     |      | 0  | 100 | 150  | 200 | 250  | 300  | 350  | 400  | 450 |
| Fm 32/160C | F 32/160C | 1.5                        | 2  | IE2 IE3 | H m |      | 25 | 24  | 23.5 | 22  | 20.5 | 18   | 14   |      |     |
| Fm 32/160B | F 32/160B | 2.2                        | 3  |         |     |      | 31 | 30  | 29   | 28  | 26   | 23.5 | 20.5 | 17   |     |
| –          | F 32/160A | 3                          | 4  |         |     |      | 38 | 37  | 36   | 35  | 33.5 | 31.5 | 30   | 27.5 | 24  |

## F 32/200

| TIPO      |  | POTENCIA (P <sub>2</sub> ) |     | 3~  | Q   | m³/h | 0  | 6   | 9    | 12   | 15  | 18   | 21  | 24  | 27   | 30  |
|-----------|--|----------------------------|-----|-----|-----|------|----|-----|------|------|-----|------|-----|-----|------|-----|
| Trifásico |  | kW                         | HP  |     |     |      | 0  | 100 | 150  | 200  | 250 | 300  | 350 | 400 | 450  | 500 |
| F 32/200C |  | 4                          | 5.5 | IE3 | H m |      | 46 | 44  | 43   | 41.5 | 40  | 38   | 36  | 34  | 31.5 |     |
| F 32/200B |  | 5.5                        | 7.5 |     |     |      | 52 | 51  | 50.5 | 49   | 47  | 45   | 43  | 41  | 38.5 | 36  |
| F 32/200A |  | 7.5                        | 10  |     |     |      | 60 | 57  | 56.5 | 56   | 55  | 53.5 | 52  | 50  | 47   | 44  |

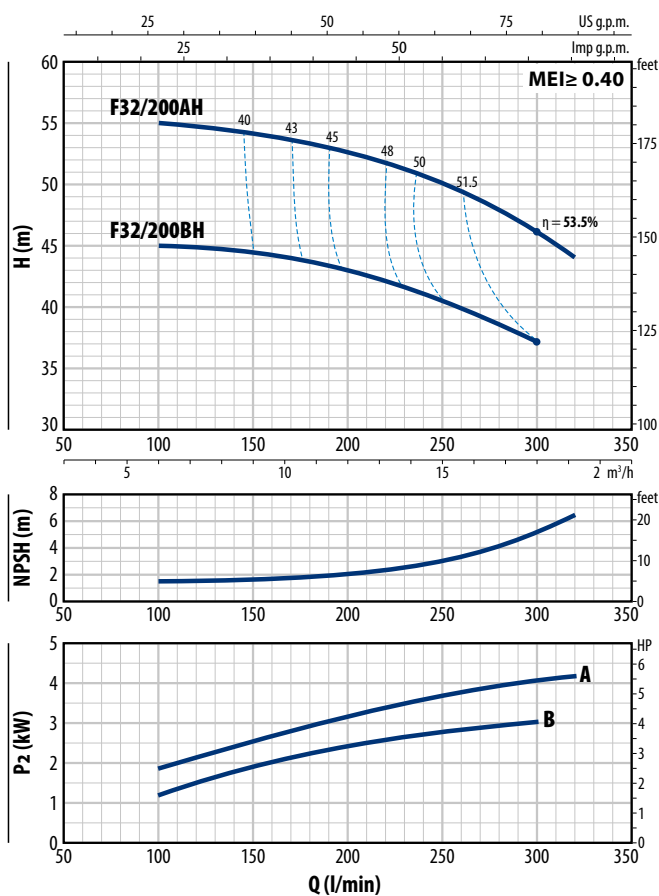
Q = Caudal H = Altura manométrica total HS = Altura de aspiración

Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

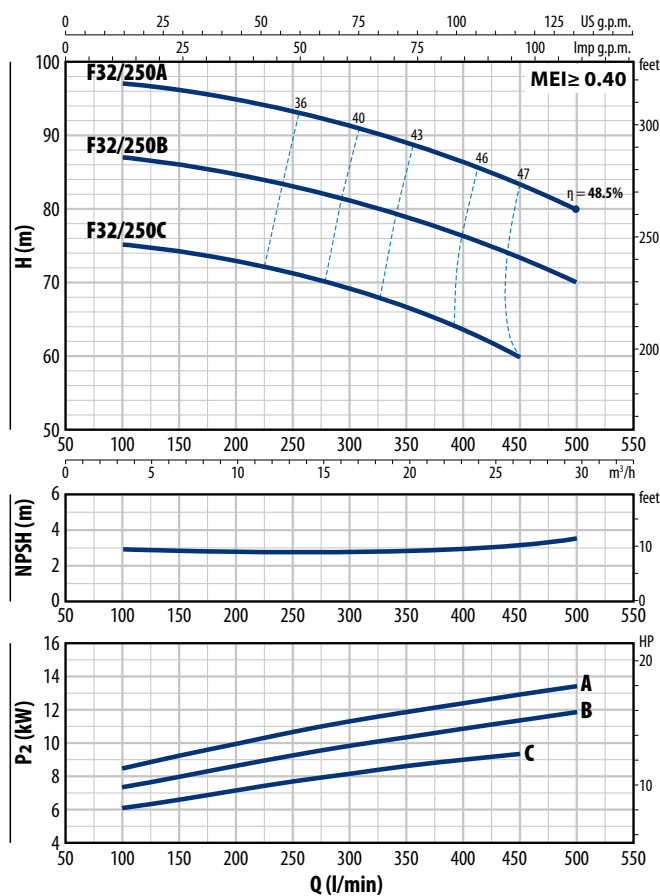
## CURVAS Y DATOS DE PRESTACIONES – HS=0 m

50 Hz

### F 32/200H



### F 32/250



### F 32/200H

| TIPO       | POTENCIA (P <sub>2</sub> ) |     | 3~  | Q   | 0  | 6   | 9    | 12   | 15   | 18  | 19.2 |
|------------|----------------------------|-----|-----|-----|----|-----|------|------|------|-----|------|
|            | kW                         | HP  |     |     | 0  | 100 | 150  | 200  | 250  | 300 | 320  |
| F 32/200BH | 3                          | 4   | IE3 | H m | 47 | 45  | 44.5 | 43   | 40.5 | 37  |      |
| F 32/200AH | 4                          | 5.5 |     |     | 57 | 55  | 54   | 52.5 | 50   | 46  | 44   |

### F 32/250

| TIPO      | POTENCIA (P <sub>2</sub> ) |      | 3~  | Q   | 0  | 6   | 9    | 12  | 15   | 18   | 21  | 24   | 27   | 30  |
|-----------|----------------------------|------|-----|-----|----|-----|------|-----|------|------|-----|------|------|-----|
|           | kW                         | HP   |     |     | 0  | 100 | 150  | 200 | 250  | 300  | 350 | 400  | 450  | 500 |
| F 32/250C | 9.2                        | 12.5 | IE3 | H m | 76 | 75  | 74.5 | 73  | 71.5 | 69.5 | 67  | 64   | 60   |     |
| F 32/250B | 11                         | 15   |     |     | 88 | 87  | 86   | 85  | 83   | 81   | 79  | 76.5 | 73.5 | 70  |
| F 32/250A | 15                         | 20   |     |     | 98 | 97  | 96   | 95  | 93   | 91   | 89  | 86.5 | 83.5 | 80  |

Q = Caudal H = Altura manométrica total HS = Altura de aspiración

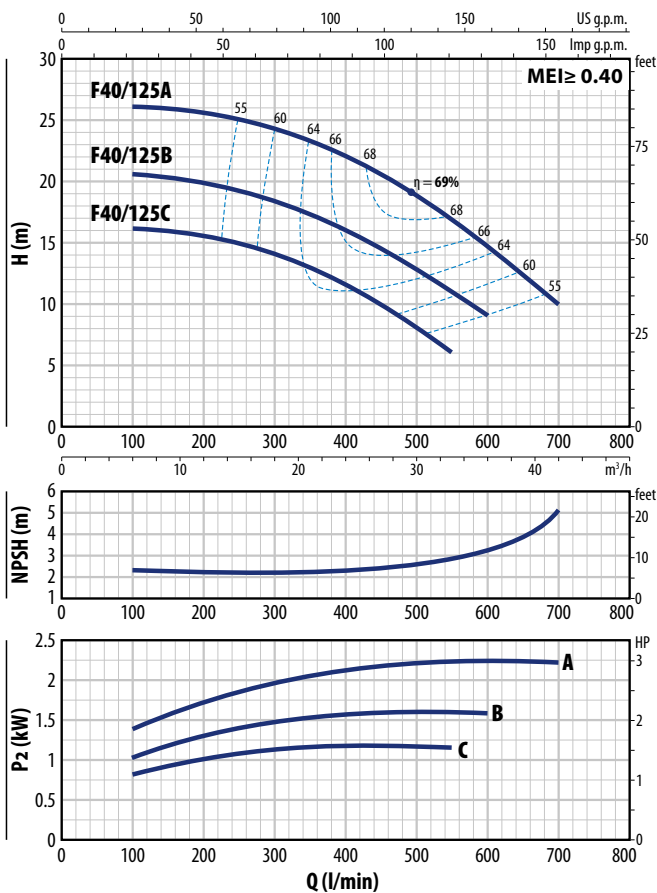
Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

# F 40

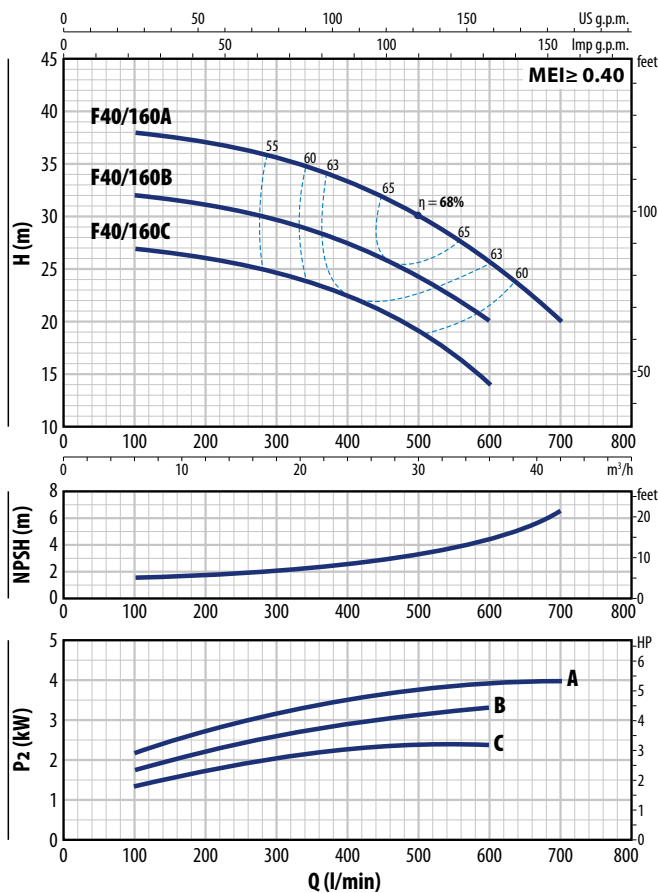
CURVAS Y DATOS DE PRESTACIONES – HS=0 m

50 Hz

## F 40/125



## F 40/160



## F 40/125

| TIPO       |           | POTENCIA (P <sub>2</sub> ) |     | 1~3~    | Q   | m³/h |      |      |      |      |      |    |      |      |    |  |  |
|------------|-----------|----------------------------|-----|---------|-----|------|------|------|------|------|------|----|------|------|----|--|--|
| Monofásico | Trifásico | kW                         | HP  |         |     | 0    | 6    | 12   | 18   | 24   | 30   | 33 | 36   | 39   | 42 |  |  |
| Fm 40/125C | F 40/125C | 1.1                        | 1.5 | IE2 IE3 | H m | 16   | 16   | 15.5 | 14   | 11.5 | 8    | 6  |      |      |    |  |  |
| Fm 40/125B | F 40/125B | 1.5                        | 2   |         |     | 20.5 | 20.5 | 19.8 | 18.5 | 16   | 12.8 | 11 | 9    |      |    |  |  |
| –          | F 40/125A | 2.2                        | 3   |         |     | 26   | 26   | 25.5 | 24   | 22   | 18.5 | 17 | 14.5 | 12.5 | 10 |  |  |

## F 40/160

| TIPO       |           | POTENCIA (P <sub>2</sub> ) |     | 1~3~    | Q   | m³/h |    |      |    |      |    |      |    |    |    |  |  |
|------------|-----------|----------------------------|-----|---------|-----|------|----|------|----|------|----|------|----|----|----|--|--|
| Monofásico | Trifásico | kW                         | HP  |         |     | 0    | 6  | 9    | 12 | 15   | 18 | 24   | 30 | 36 | 42 |  |  |
| Fm 40/160C | F 40/160C | 2.2                        | 3   | IE2 IE3 | H m | 27   | 27 | 26.5 | 26 | 25.5 | 25 | 22.5 | 19 | 14 |    |  |  |
| –          | F 40/160B | 3                          | 4   |         |     | 32   | 32 | 31.5 | 31 | 30.5 | 30 | 27.5 | 24 | 20 |    |  |  |
| –          | F 40/160A | 4                          | 5.5 |         |     | 38   | 38 | 37.8 | 37 | 36.5 | 36 | 33.5 | 30 | 26 | 20 |  |  |

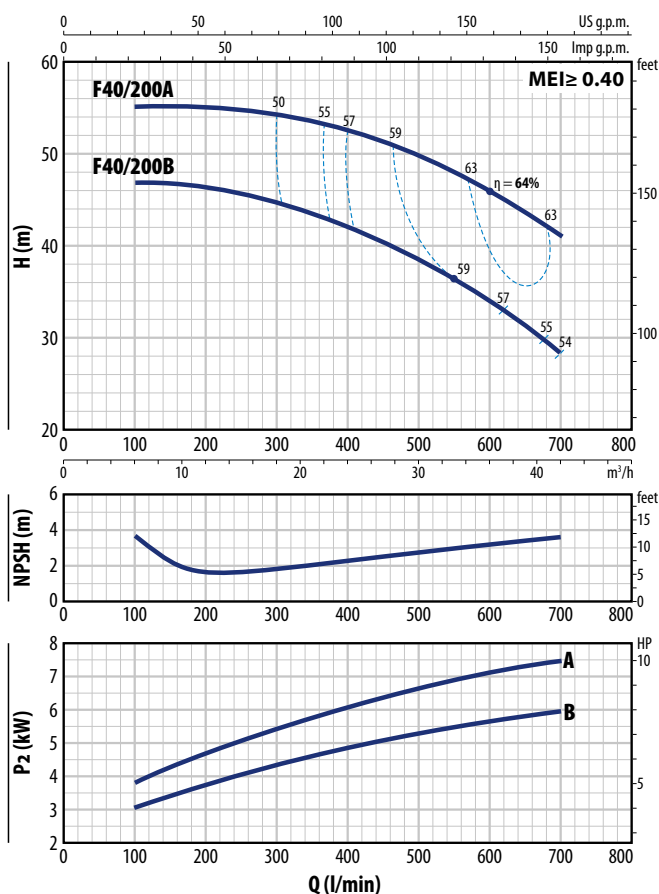
Q = Caudal H = Altura manométrica total HS = Altura de aspiración

Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

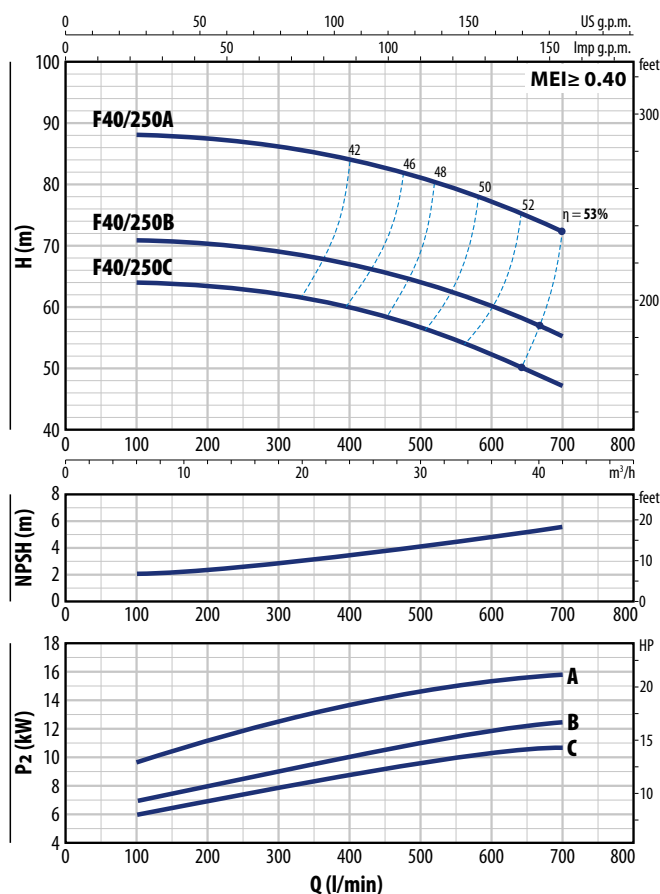
**CURVAS Y DATOS DE PRESTACIONES – HS=0 m**

**50 Hz**

**F 40/200**



**F 40/250**



**F 40/200**

| TIPO      | POTENCIA (P <sub>2</sub> ) |     | 3~  | Q | m³/h  | 0  | 6   | 9    | 12   | 15   | 18   | 24   | 30  | 36  | 42  |
|-----------|----------------------------|-----|-----|---|-------|----|-----|------|------|------|------|------|-----|-----|-----|
| Trifásico | kW                         | HP  |     |   | l/min | 0  | 100 | 150  | 200  | 250  | 300  | 400  | 500 | 600 | 700 |
| F 40/200B | 5.5                        | 7.5 | IE3 | H | m     | 48 | 47  | 46.5 | 46   | 45.5 | 44.5 | 42   | 38  | 34  | 28  |
| F 40/200A | 7.5                        | 10  |     |   | 56    | 55 | 55  | 55   | 54.5 | 54   | 52.5 | 49.5 | 46  | 41  |     |

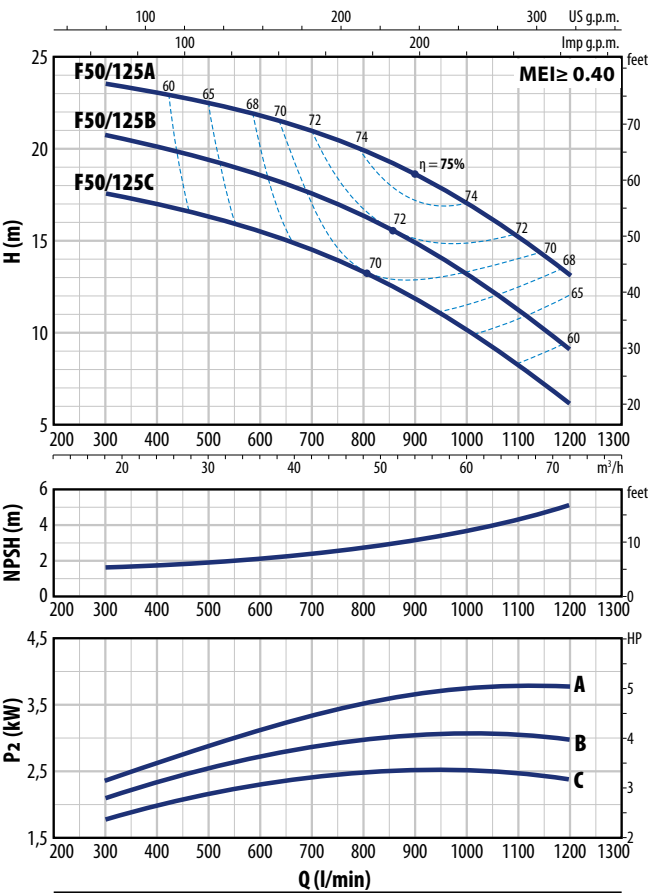
**F 40/250**

| TIPO      | POTENCIA (P <sub>2</sub> ) |      | 3~  | Q | m³/h  | 0  | 6    | 9    | 12   | 15   | 18  | 24  | 30   | 36   | 42  |
|-----------|----------------------------|------|-----|---|-------|----|------|------|------|------|-----|-----|------|------|-----|
| Trifásico | kW                         | HP   |     |   | l/min | 0  | 100  | 150  | 200  | 250  | 300 | 400 | 500  | 600  | 700 |
| F 40/250C | 9.2                        | 12.5 | IE3 | H | m     | 64 | 64   | 63.5 | 63   | 62.5 | 62  | 60  | 56.5 | 52.5 | 47  |
| F 40/250B | 11                         | 15   |     |   | 71    | 71 | 70.5 | 70   | 69.5 | 69   | 67  | 64  | 60   | 55   |     |
| F 40/250A | 15                         | 20   |     |   | 88    | 88 | 87.5 | 87   | 86.5 | 86   | 84  | 81  | 77   | 72   |     |

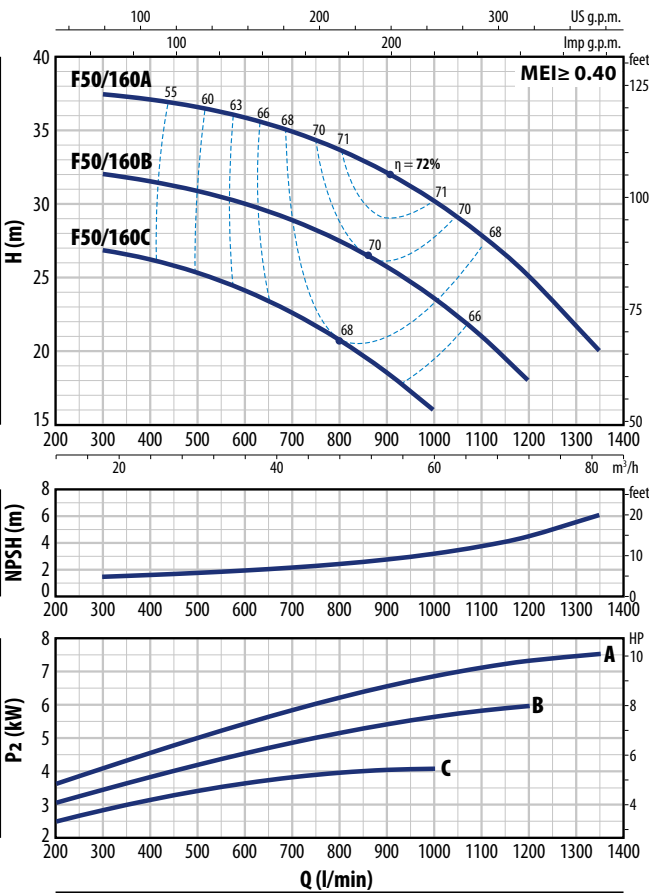
Q = Caudal H = Altura manométrica total HS = Altura de aspiración

Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

F 50/125



F 50/160



F 50/125

| TIPO       |           | POTENCIA (P2) |     | 1~  | 3~  | Q<br>m³/h<br>l/min | 0    | 18   | 24  | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   |
|------------|-----------|---------------|-----|-----|-----|--------------------|------|------|-----|------|------|------|------|------|------|------|------|
| Monofásico | Trifásico | kW            | HP  |     |     |                    | 0    | 300  | 400 | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 |
| Fm 50/125C | F 50/125C | 2.2           | 3   | IE2 | IE3 | H m                | 18.5 | 17.5 | 17  | 16.5 | 15.5 | 14.8 | 13.5 | 12   | 10.5 | 8.2  | 6    |
| –          | F 50/125B | 3             | 4   |     |     |                    | 21.5 | 20.7 | 20  | 19.5 | 18.8 | 17.8 | 16.5 | 15   | 13.5 | 11.2 | 9    |
| –          | F 50/125A | 4             | 5.5 |     |     |                    | 24.5 | 23.5 | 23  | 22.5 | 21.8 | 20.8 | 19.5 | 18.3 | 16.8 | 15   | 13   |

F 50/160

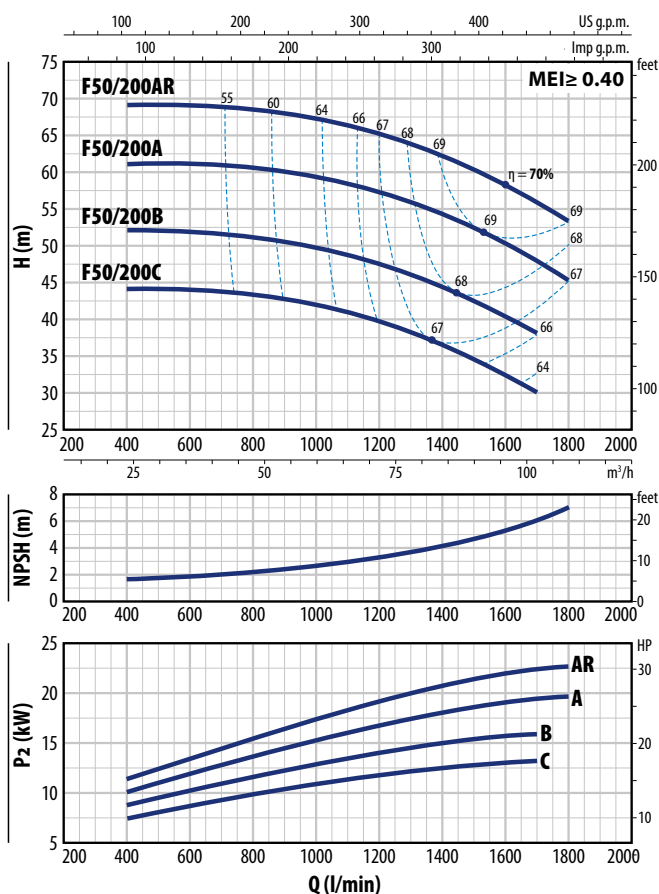
| TIPO      | POTENCIA (P2) |     | 3~  | Q   | m³/h  | 0    | 18   | 24   | 30   | 36  | 42   | 48   | 54   | 60   | 66   | 72   | 81   |  |
|-----------|---------------|-----|-----|-----|-------|------|------|------|------|-----|------|------|------|------|------|------|------|--|
| Trifásico | kW            | HP  |     |     | l/min | 0    | 300  | 400  | 500  | 600 | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1350 |  |
| F 50/160C | 4             | 5.5 | IE3 | H m | 27    | 27   | 26.5 | 25   | 24.5 | 23  | 20   | 18.5 | 16   |      |      |      |      |  |
| F 50/160B | 5.5           | 7.5 |     |     | 33    | 32   | 31.7 | 31   | 30   | 29  | 27.4 | 25.7 | 23.5 | 21   | 18   |      |      |  |
| F 50/160A | 7.5           | 10  |     |     | 38    | 37.5 | 37   | 36.5 | 36   | 35  | 33.7 | 32   | 30.2 | 28   | 25   | 20   |      |  |

Q = Caudal    H = Altura manométrica total    HS = Altura de aspiración    Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

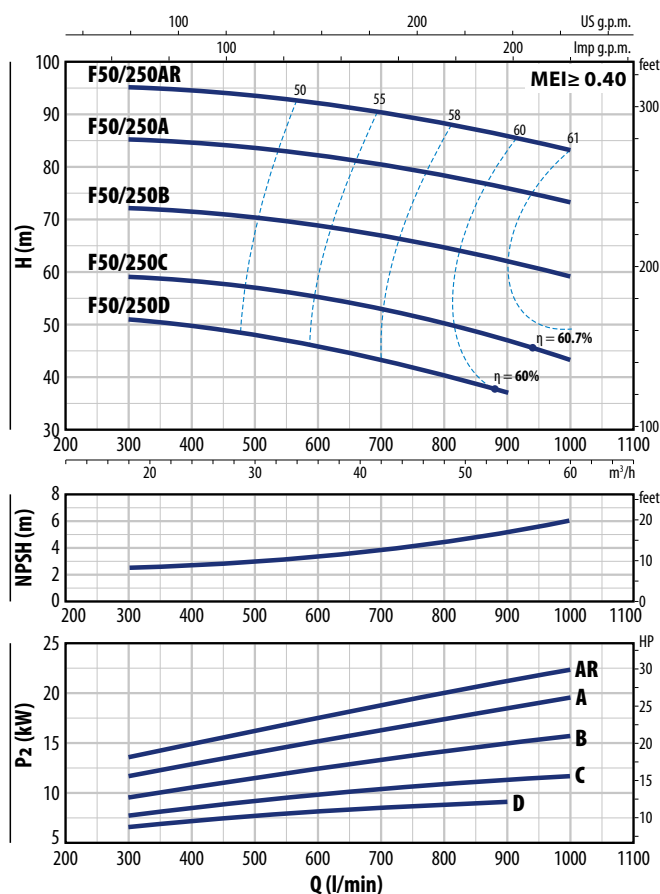
## CURVAS Y DATOS DE PRESTACIONES – HS=0 m

50 Hz

### F 50/200



### F 50/250



### F 50/200

| TIPO       | POTENCIA (P <sub>2</sub> ) |    | 3~  | Q     | m³/h |     |      |      |      |      |      |      |      |  |  |  |  |
|------------|----------------------------|----|-----|-------|------|-----|------|------|------|------|------|------|------|--|--|--|--|
|            | kW                         | HP |     |       | 24   | 36  | 48   | 60   | 72   | 84   | 96   | 102  | 108  |  |  |  |  |
| Trifásico  |                            |    |     | l/min | 400  | 600 | 800  | 1000 | 1200 | 1400 | 1600 | 1700 | 1800 |  |  |  |  |
| F 50/200C  | 11                         | 15 | IE3 | H m   | 44   | 44  | 44   | 42   | 39   | 36   | 33   | 30   |      |  |  |  |  |
| F 50/200B  | 15                         | 20 |     |       | 52   | 52  | 52   | 50   | 47   | 44   | 40   | 38   |      |  |  |  |  |
| F 50/200A  | 18.5                       | 25 |     |       | 61   | 61  | 60.5 | 60   | 57   | 54   | 50   | 48   | 45   |  |  |  |  |
| F 50/200AR | 22                         | 30 |     |       | 69   | 69  | 68.5 | 68   | 65   | 62   | 58   | 56   | 53   |  |  |  |  |

### F 50/250

| TIPO       | POTENCIA (P <sub>2</sub> ) |      | 3~  | Q     | m³/h |      |      |      |      |     |     |     |      |  |  |  |  |
|------------|----------------------------|------|-----|-------|------|------|------|------|------|-----|-----|-----|------|--|--|--|--|
|            | kW                         | HP   |     |       | 0    | 18   | 24   | 30   | 36   | 42  | 48  | 54  | 60   |  |  |  |  |
| Trifásico  |                            |      |     | l/min | 0    | 300  | 400  | 500  | 600  | 700 | 800 | 900 | 1000 |  |  |  |  |
| F 50/250D  | 9.2                        | 12.5 | IE3 | H m   | 51   | 50.5 | 49.5 | 48   | 45.5 | 43  | 40  | 37  |      |  |  |  |  |
| F 50/250C  | 11                         | 15   |     |       | 59   | 59   | 58   | 56.5 | 55   | 53  | 50  | 47  | 43   |  |  |  |  |
| F 50/250B  | 15                         | 20   |     |       | 72   | 72   | 71   | 70   | 69   | 67  | 65  | 62  | 59   |  |  |  |  |
| F 50/250A  | 18.5                       | 25   |     |       | 85   | 85   | 84   | 83   | 82   | 80  | 78  | 76  | 73   |  |  |  |  |
| F 50/250AR | 22                         | 30   |     |       | 95   | 95   | 94   | 93   | 92   | 90  | 88  | 86  | 83   |  |  |  |  |

Q = Caudal H = Altura manométrica total HS = Altura de aspiración

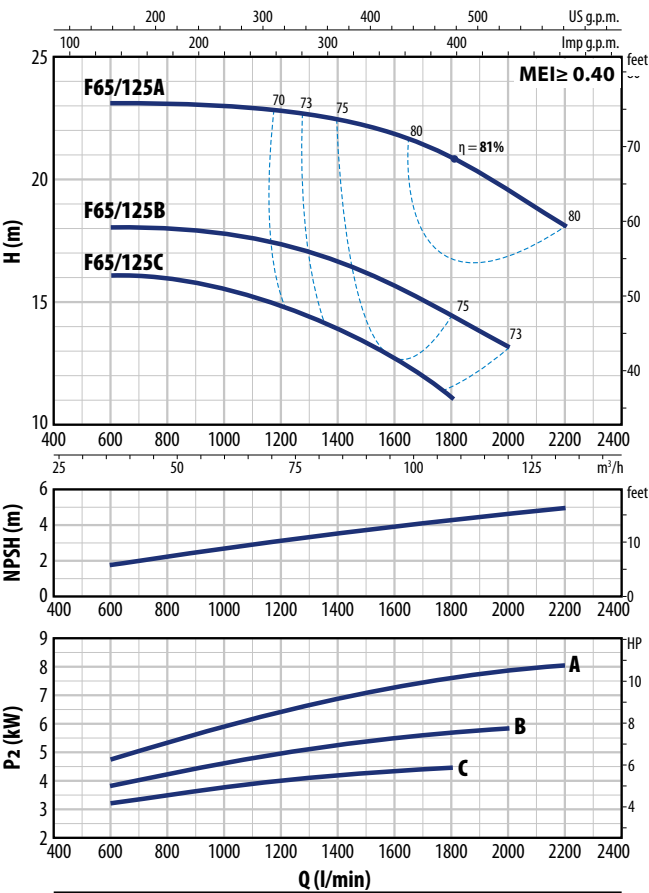
Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

# F 65

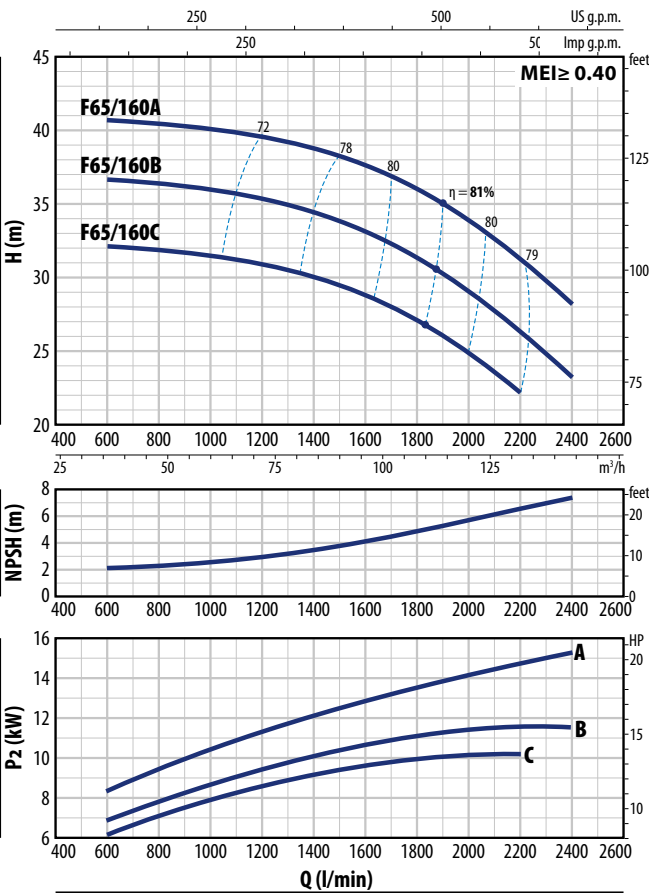
CURVAS Y DATOS DE PRESTACIONES – HS=0 m

50 Hz

## F 65/125



## F 65/160



## F 65/125

| TIPO      | POTENCIA (P <sub>2</sub> ) |     | 3~  | Q   | m³/h |     |     |      |      |      |      |      |      |      |
|-----------|----------------------------|-----|-----|-----|------|-----|-----|------|------|------|------|------|------|------|
|           | kW                         | HP  |     |     | 0    | 36  | 48  | 60   | 72   | 84   | 96   | 108  | 120  | 132  |
| Trifásico |                            |     |     |     | 0    | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 |
| F 65/125C | 4                          | 5.5 | IE3 | H m | 16   | 16  | 16  | 15.5 | 14.5 | 13.5 | 12.5 | 11   |      |      |
| F 65/125B | 5.5                        | 7.5 |     |     | 18   | 18  | 18  | 18   | 17   | 16.5 | 15.5 | 14.5 | 13   |      |
| F 65/125A | 7.5                        | 10  |     |     | 23   | 23  | 23  | 23   | 22.5 | 22.5 | 22   | 21   | 19.5 | 18   |

## F 65/160

| TIPO      | POTENCIA (P <sub>2</sub> ) |      | 3~  | Q   | m³/h  | 0    | 36   | 48  | 60   | 72   | 84   | 96   | 108  | 120  | 132  | 144  |
|-----------|----------------------------|------|-----|-----|-------|------|------|-----|------|------|------|------|------|------|------|------|
| Trifásico | kW                         | HP   |     |     | l/min | 0    | 600  | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 |
| F 65/160C | 9.2                        | 12.5 | IE3 | H m | 32    | 32   | 32   | 32  | 32   | 30   | 29   | 27   | 25   | 22   |      |      |
| F 65/160B | 11                         | 15   |     |     | 37    | 36.5 | 36.5 | 36  | 35.5 | 34   | 33   | 31   | 29   | 26   | 23   |      |
| F 65/160A | 15                         | 20   |     |     | 41    | 40.5 | 40.5 | 40  | 39.5 | 39   | 37.5 | 36   | 34   | 31   | 28   |      |

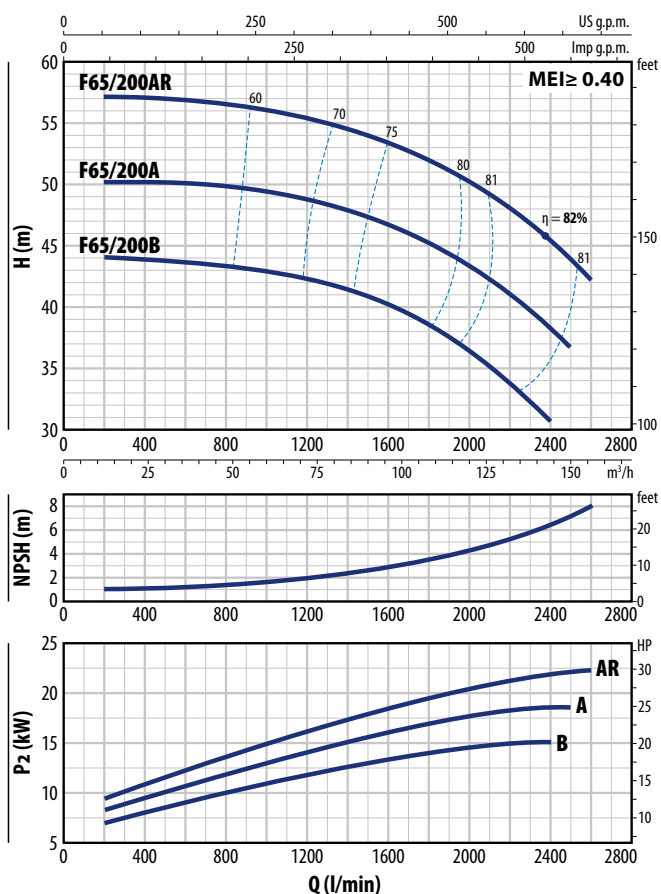
Q = Caudal H = Altura manométrica total HS = Altura de aspiración

Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

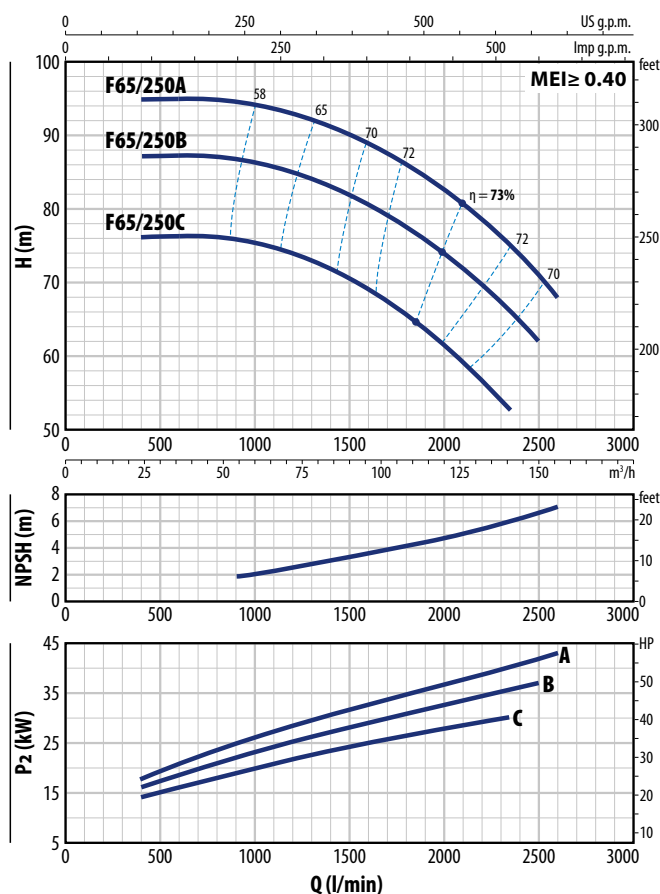
**CURVAS Y DATOS DE PRESTACIONES – HS=0 m**

**50 Hz**

**F 65/200**



**F 65/250**



**F 65/200**

| TIPO              | POTENCIA (P <sub>2</sub> ) |    | 3~  | Q   | m³/h |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|-------------------|----------------------------|----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|                   | kW                         | HP |     |     | 12   | 36   | 48   | 60   | 72   | 84   | 96   | 108  | 120  | 132  | 144  | 150  | 156  |  |  |
| Trifásico         |                            |    |     |     | 200  | 600  | 800  | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2500 | 2600 |  |  |
| <b>F 65/200B</b>  | 15                         | 20 | IE3 | H m | 44   | 43.5 | 43.3 | 43   | 42.5 | 41.5 | 40   | 38.5 | 36.5 | 34   | 30.5 |      |      |  |  |
| <b>F 65/200A</b>  | 18.5                       | 25 |     |     | 50   | 50   | 50   | 49.5 | 49   | 48   | 46.5 | 45   | 43   | 41   | 38   | 36.5 |      |  |  |
| <b>F 65/200AR</b> | 22                         | 30 |     |     | 57   | 57   | 57   | 56   | 55.5 | 54.5 | 53.5 | 52   | 50   | 48   | 45.5 | 43.5 | 42   |  |  |

**F 65/250**

| TIPO             | POTENCIA (P <sub>2</sub> ) |    | 3~  | Q   | m³/h |     |      |      |      |      |      |      |      |  |  |  |
|------------------|----------------------------|----|-----|-----|------|-----|------|------|------|------|------|------|------|--|--|--|
|                  | kW                         | HP |     |     | 24   | 40  | 60   | 80   | 100  | 120  | 141  | 150  | 156  |  |  |  |
| Trifásico        |                            |    |     |     | 400  | 667 | 1000 | 1333 | 1667 | 2000 | 2350 | 2500 | 2600 |  |  |  |
| <b>F 65/250C</b> | 30                         | 40 | IE3 | H m | 76   | 76  | 75.5 | 72.5 | 68   | 61.5 | 53   |      |      |  |  |  |
| <b>F 65/250B</b> | 37                         | 50 |     |     | 87   | 87  | 86   | 84   | 80   | 74   | 66.5 | 62   |      |  |  |  |
| <b>F 65/250A</b> | 45                         | 60 |     |     | 95   | 95  | 94   | 92   | 88   | 82.5 | 75   | 71   | 68   |  |  |  |

Q = Caudal H = Altura manométrica total HS = Altura de aspiración

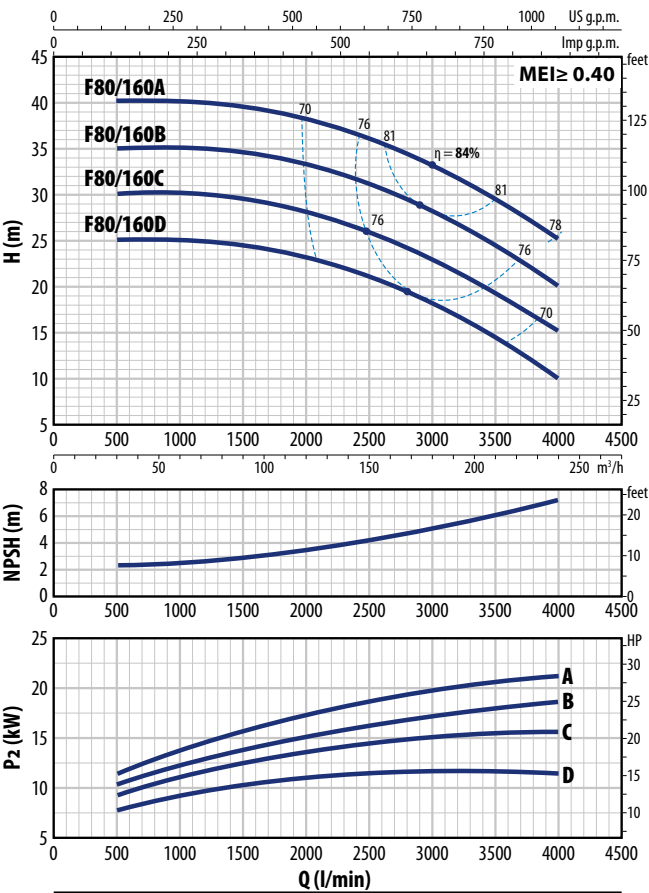
Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

# F 80

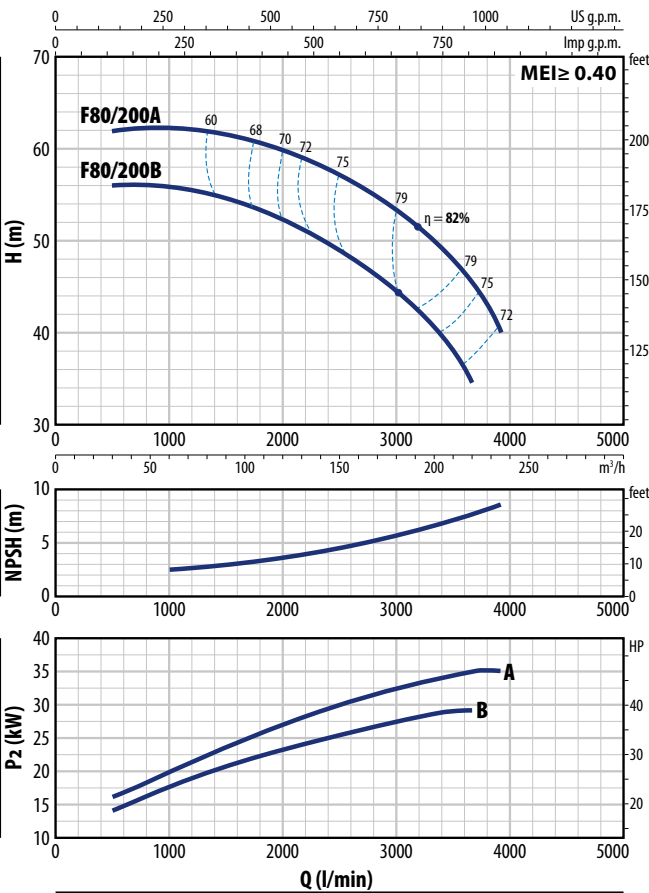
CURVAS Y DATOS DE PRESTACIONES – HS=0 m

50 Hz

## F 80/160



## F 80/200



## F 80/160

| TIPO      | POTENCIA (P <sub>2</sub> ) |    | 3~  | Q   | m <sup>3</sup> /h |     |      |      |      |      |      |      |      |
|-----------|----------------------------|----|-----|-----|-------------------|-----|------|------|------|------|------|------|------|
|           | kW                         | HP |     |     | 0                 | 30  | 60   | 90   | 120  | 150  | 180  | 210  | 240  |
| Trifásico |                            |    |     |     | 0                 | 500 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 |
| F 80/160D | 11                         | 15 | IE3 | H m | 25                | 25  | 25   | 24.5 | 23.5 | 21   | 18   | 14.5 | 10   |
| F 80/160C | 15                         | 20 |     |     | 30                | 30  | 30   | 29.5 | 28.5 | 26   | 23   | 19.5 | 15   |
| F 80/160B | 18.5                       | 25 |     |     | 35                | 35  | 35   | 34.5 | 33.5 | 31   | 28.5 | 24.5 | 20   |
| F 80/160A | 22                         | 30 |     |     | 40                | 40  | 40   | 39.5 | 38.5 | 36   | 33   | 29.5 | 25   |

## F 80/200

| TIPO      | POTENCIA (P <sub>2</sub> ) |    | 3~  | Q   | m <sup>3</sup> /h |     |      |      |      |      |
|-----------|----------------------------|----|-----|-----|-------------------|-----|------|------|------|------|
|           | kW                         | HP |     |     | 30                | 50  | 100  | 150  | 200  | 219  |
| Trifásico |                            |    |     |     | 500               | 833 | 1667 | 2500 | 3333 | 3650 |
| F 80/200B | 30                         | 40 | IE3 | H m | 56                | 56  | 54   | 49   | 41   | 34.5 |
| F 80/200A | 37                         | 50 |     |     | 62                | 62  | 61   | 57   | 50   | 45.5 |

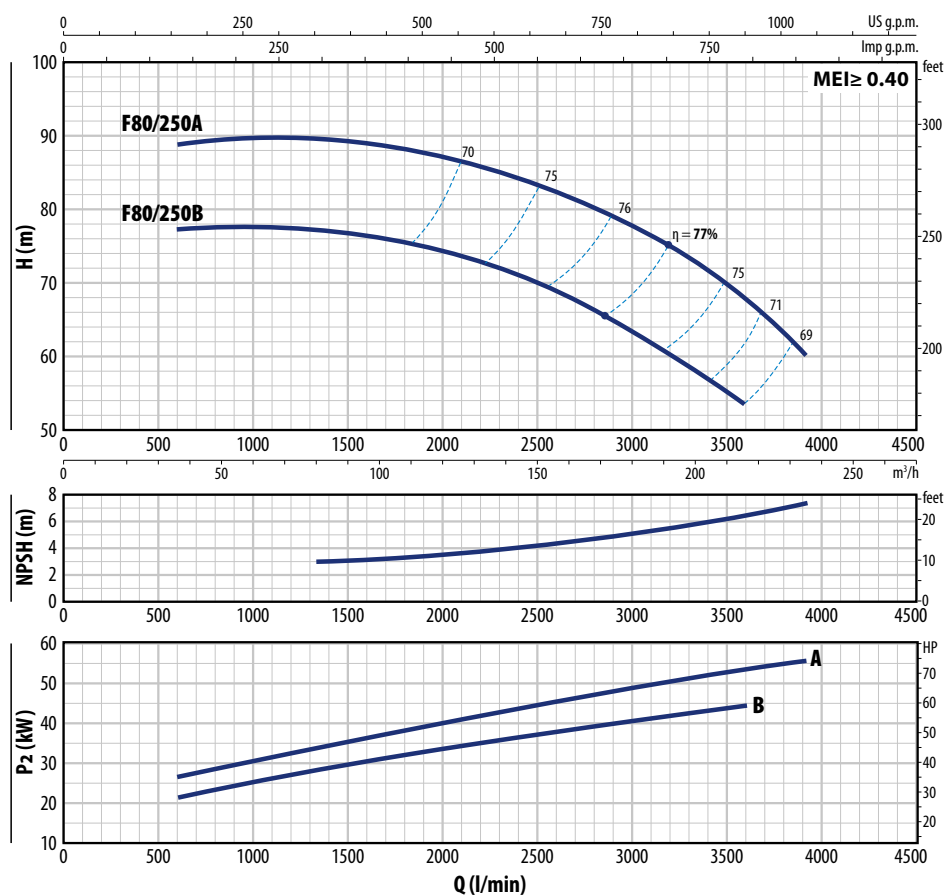
Q = Caudal H = Altura manométrica total HS = Altura de aspiración

Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

## CURVAS Y DATOS DE PRESTACIONES – HS=0 m

50 Hz

### F 80/250



### F 80/250

| TIPO      | POTENCIA (P2) |    | 3~  | Q | m³/h  | 36   | 50   | 100  | 150  | 200  | 216  | 234  |
|-----------|---------------|----|-----|---|-------|------|------|------|------|------|------|------|
| Trifásico | kW            | HP |     |   | l/min | 600  | 833  | 1667 | 2500 | 3333 | 3600 | 3900 |
| F 80/250B | 45            | 60 | IE3 | H | m     | 77   | 77.5 | 76   | 70.5 | 58.5 | 54   |      |
| F 80/250A | 55            | 75 |     |   |       | 88.5 | 89.5 | 89   | 83   | 72   | 68   | 60   |

Q = Caudal H = Altura manométrica total HS = Altura de aspiración

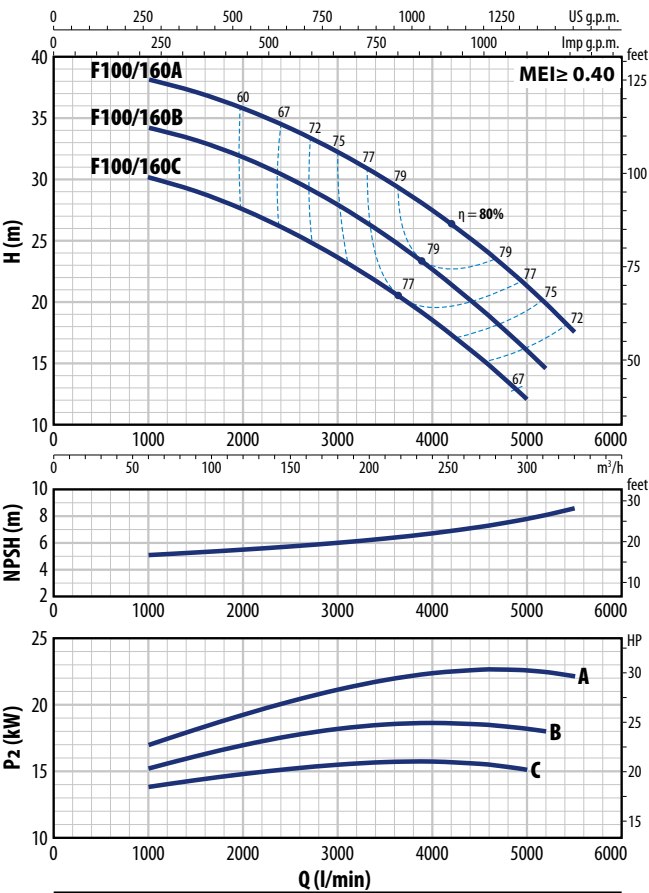
Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

# F 100

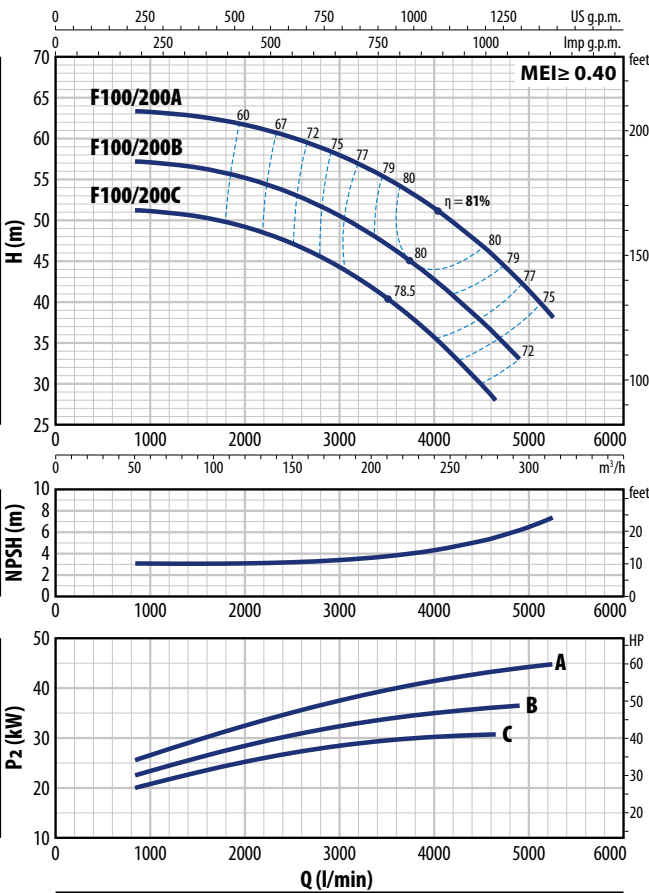
CURVAS Y DATOS DE PRESTACIONES – HS=0 m

50 Hz

## F 100/160



## F 100/200



## F 100/160

| TIPO       | POTENCIA (P <sub>2</sub> ) |    | 3~  | Q   | m <sup>3</sup> /h |      |      |      |      |      |      |      |      |      |      |
|------------|----------------------------|----|-----|-----|-------------------|------|------|------|------|------|------|------|------|------|------|
|            | kW                         | HP |     |     | 60                | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 312  | 330  |
| Trifásico  |                            |    |     |     | 1000              | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 5200 | 5500 |
| F 100/160C | 15                         | 20 | IE3 | H m | 30                | 29   | 27.5 | 25.5 | 23.5 | 21   | 18.5 | 15.5 | 12   |      |      |
| F 100/160B | 18.5                       | 25 |     |     | 34                | 33   | 31.5 | 30   | 28   | 25.5 | 22.5 | 19.5 | 16   | 14.5 |      |
| F 100/160A | 22                         | 30 |     |     | 38                | 37   | 36   | 34   | 32   | 30   | 27.5 | 24.5 | 21   | 20   | 17.5 |

## F 100/200

| TIPO       | POTENCIA (P <sub>2</sub> ) |    | 3~  | Q   | m <sup>3</sup> /h |     |      |      |      |      |      |      |      |      |      |
|------------|----------------------------|----|-----|-----|-------------------|-----|------|------|------|------|------|------|------|------|------|
|            | kW                         | HP |     |     | 0                 | 50  | 96   | 150  | 180  | 210  | 240  | 279  | 294  | 300  | 315  |
| Trifásico  |                            |    |     |     | 0                 | 833 | 1600 | 2500 | 3000 | 3500 | 4000 | 4650 | 4900 | 5000 | 5250 |
| F 100/200C | 30                         | 40 | IE3 | H m | 51                | 51  | 50   | 47   | 44   | 40.5 | 35.5 | 28   |      |      |      |
| F 100/200B | 37                         | 50 |     |     | 57                | 57  | 56   | 53   | 50.5 | 47   | 42.5 | 36   | 33   |      |      |
| F 100/200A | 45                         | 60 |     |     | 63                | 63  | 62.5 | 60   | 58   | 55   | 51.5 | 45   | 42.5 | 41.5 | 38   |

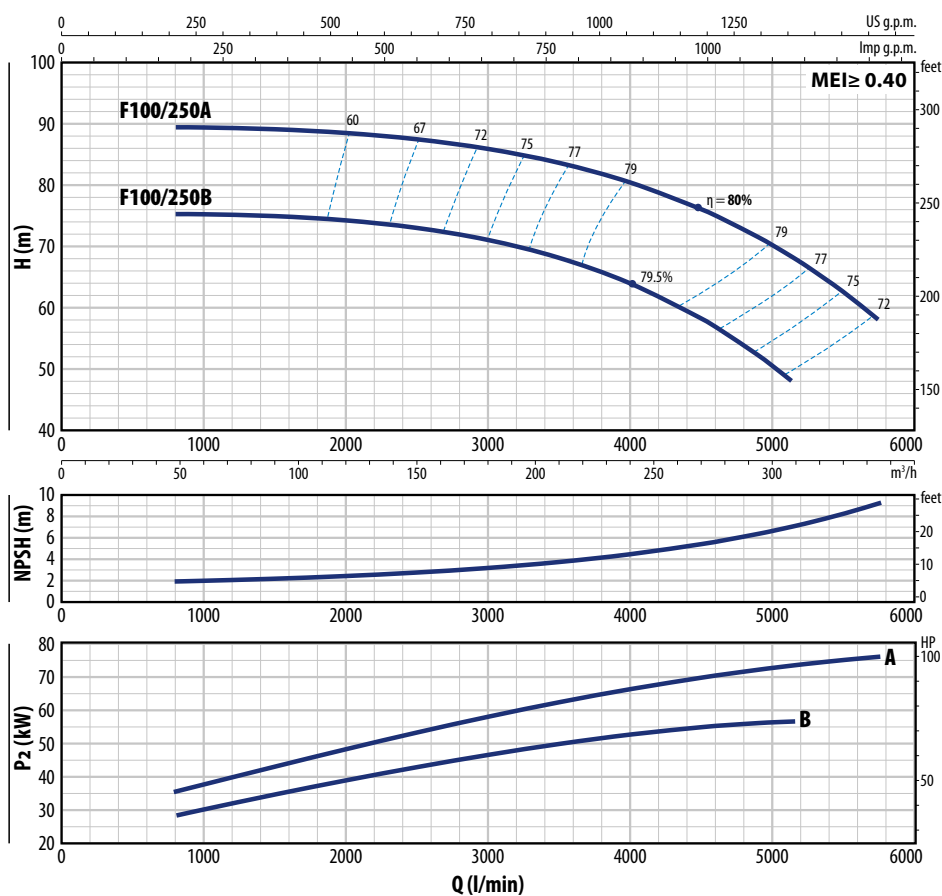
Q = Caudal    H = Altura manométrica total    HS = Altura de aspiración

Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

## CURVAS Y DATOS DE PRESTACIONES – HS=0 m

50 Hz

### F 100/250



### F 100/250

| TIPO       | POTENCIA (P <sub>2</sub> ) |     | 3~  | Q | m <sup>3</sup> /h | 48  | 96   | 150  | 180  | 210  | 240  | 300  | 309  | 345  |
|------------|----------------------------|-----|-----|---|-------------------|-----|------|------|------|------|------|------|------|------|
| Trifásico  | kW                         | HP  |     |   | l/min             | 800 | 1600 | 2500 | 3000 | 3500 | 4000 | 5000 | 5150 | 5750 |
| F 100/250B | 55                         | 75  | IE3 | H | m                 | 75  | 75   | 73   | 71   | 68   | 64   | 50.5 | 48   |      |
| F 100/250A | 75                         | 100 |     |   | 89                | 89  | 87.5 | 86   | 83.5 | 80.5 | 70   | 68   | 58   |      |

Q = Caudal H = Altura manométrica total HS = Altura de aspiración

Tolerancia de las curvas de prestaciones según EN ISO 9906 Grado 3B.

## CONSUMOS

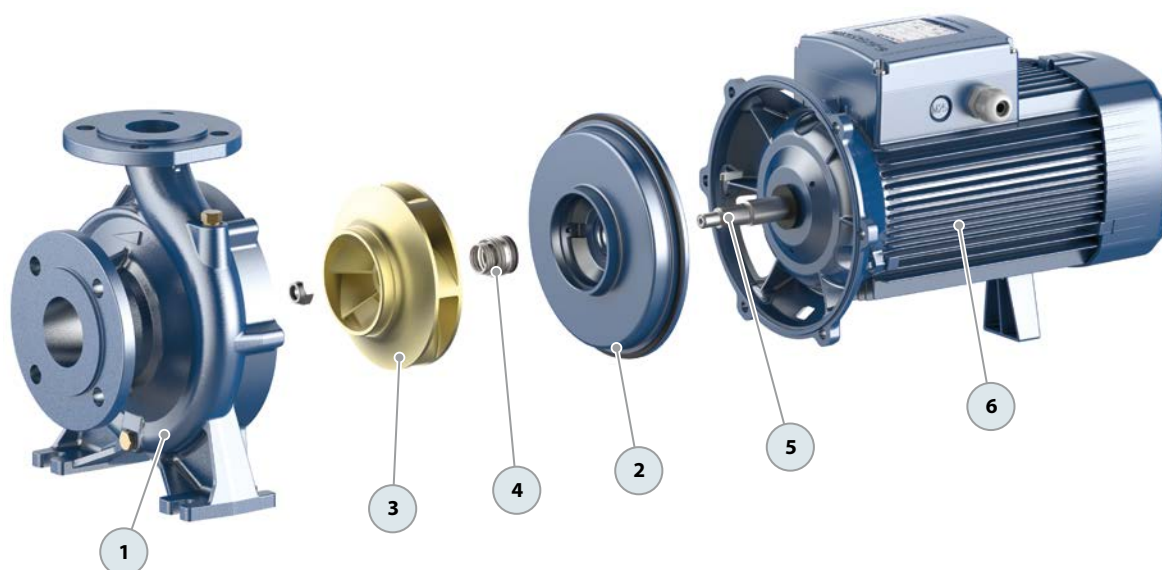
| TIPO              | TENSIÓN      |
|-------------------|--------------|
| <b>Monofásico</b> | <b>230 V</b> |
| <b>Fm 32/160C</b> | 11.0 A       |
| <b>Fm 32/160B</b> | 12.0 A       |
| <b>Fm 40/125C</b> | 8.0 A        |
| <b>Fm 40/125B</b> | 10.0 A       |
| <b>Fm 40/160C</b> | 15.0 A       |
| <b>Fm 50/125C</b> | 13.5 A       |

| TIPO              | TENSIÓN          |                  |                  |                  |
|-------------------|------------------|------------------|------------------|------------------|
| <b>Trifásico</b>  | <b>230 V - Δ</b> | <b>400 V - 人</b> | <b>400 V - Δ</b> | <b>690 V - 人</b> |
| <b>F 32/160C</b>  | 7.4 A            | 4.3 A            | –                | –                |
| <b>F 32/160B</b>  | 8.6 A            | 5.0 A            | –                | –                |
| <b>F 32/160A</b>  | 12.1 A           | 7.3 A            | –                | –                |
| <b>F 32/200C</b>  | 17.8 A           | 10.3 A           | –                | –                |
| <b>F 32/200B</b>  | –                | –                | 11.7 A           | 6.8 A            |
| <b>F 32/200A</b>  | –                | –                | 14.9 A           | 8.6 A            |
| <b>F 32/200BH</b> | 12.6 A           | 7.3 A            | –                | –                |
| <b>F 32/200AH</b> | 15.4 A           | 8.9 A            | –                | –                |
| <b>F 32/250C</b>  | –                | –                | 18.5 A           | 10.7 A           |
| <b>F 32/250B</b>  | –                | –                | 22.0 A           | 12.7 A           |
| <b>F 32/250A</b>  | –                | –                | 25.0 A           | 14.5 A           |
| <b>F 40/125C</b>  | 5.2 A            | 3.0 A            | –                | –                |
| <b>F 40/125B</b>  | 7.7 A            | 4.5 A            | –                | –                |
| <b>F 40/125A</b>  | 9.0 A            | 5.2 A            | –                | –                |
| <b>F 40/160C</b>  | 9.9 A            | 5.7 A            | –                | –                |
| <b>F 40/160B</b>  | 12.6 A           | 7.3 A            | –                | –                |
| <b>F 40/160A</b>  | 17.1 A           | 9.9 A            | –                | –                |
| <b>F 40/200B</b>  | –                | –                | 12.6 A           | 7.3 A            |
| <b>F 40/200A</b>  | –                | –                | 15.6 A           | 9.0 A            |
| <b>F 40/250C</b>  | –                | –                | 21.0 A           | 12.1 A           |
| <b>F 40/250B</b>  | –                | –                | 23.5 A           | 13.6 A           |
| <b>F 40/250A</b>  | –                | –                | 30.5 A           | 17.6 A           |
| <b>F 50/125C</b>  | 9.3 A            | 5.4 A            | –                | –                |
| <b>F 50/125B</b>  | 13.1 A           | 7.6 A            | –                | –                |
| <b>F 50/125A</b>  | 16.3 A           | 9.4 A            | –                | –                |
| <b>F 50/160C</b>  | 15.7 A           | 9.1 A            | –                | –                |
| <b>F 50/160B</b>  | –                | –                | 12.3 A           | 7.1 A            |
| <b>F 50/160A</b>  | –                | –                | 15.5 A           | 9.0 A            |
| <b>F 50/200C</b>  | –                | –                | 23.0 A           | 13.3 A           |
| <b>F 50/200B</b>  | –                | –                | 29.5 A           | 17.1 A           |
| <b>F 50/200A</b>  | –                | –                | 34.5 A           | 19.9 A           |
| <b>F 50/200AR</b> | –                | –                | 41.5 A           | 24.0 A           |

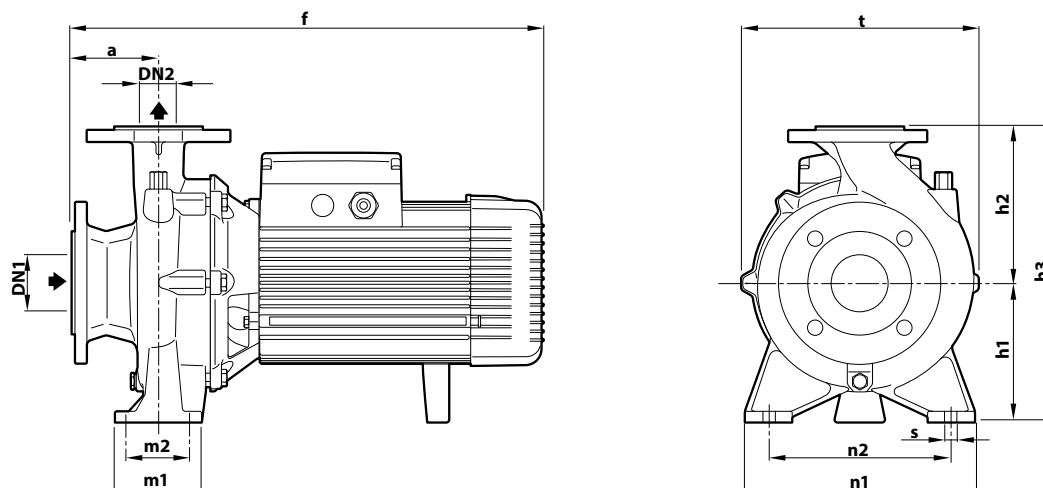
| TIPO              | TENSIÓN          |                  |                  |                  |
|-------------------|------------------|------------------|------------------|------------------|
| <b>Trifásico</b>  | <b>230 V - Δ</b> | <b>400 V - 人</b> | <b>400 V - Δ</b> | <b>690 V - 人</b> |
| <b>F 50/250D</b>  | –                | 19.0 A           | 19.0 A           | 11.0 A           |
| <b>F 50/250C</b>  | –                | 21.0 A           | 21.0 A           | 12.1 A           |
| <b>F 50/250B</b>  | –                | 27.0 A           | 27.0 A           | 15.6 A           |
| <b>F 50/250A</b>  | –                | 34.0 A           | 34.0 A           | 19.7 A           |
| <b>F 50/250AR</b> | –                | 41.0 A           | 41.0 A           | 23.7 A           |
| <b>F 65/125C</b>  | 17.3 A           | 10.0 A           | –                | –                |
| <b>F 65/125B</b>  | –                | 12.0 A           | 12.0 A           | 6.9 A            |
| <b>F 65/125A</b>  | –                | 16.5 A           | 16.5 A           | 9.5 A            |
| <b>F 65/160C</b>  | –                | 19.0 A           | 19.0 A           | 11.0 A           |
| <b>F 65/160B</b>  | –                | 23.0 A           | 23.0 A           | 13.3 A           |
| <b>F 65/160A</b>  | –                | 27.5 A           | 27.5 A           | 15.9 A           |
| <b>F 65/200B</b>  | –                | 30.0 A           | 30.0 A           | 17.3 A           |
| <b>F 65/200A</b>  | –                | 34.0 A           | 34.0 A           | 19.7 A           |
| <b>F 65/200AR</b> | –                | 41.0 A           | 41.0 A           | 23.7 A           |
| <b>F 65/250C</b>  | –                | 53.0 A           | 53.0 A           | 30.6 A           |
| <b>F 65/250B</b>  | –                | 65.0 A           | 65.0 A           | 37.6 A           |
| <b>F 65/250A</b>  | –                | 79.0 A           | 79.0 A           | 45.7 A           |
| <b>F 80/160D</b>  | –                | 22.0 A           | 22.0 A           | 12.7 A           |
| <b>F 80/160C</b>  | –                | 29.0 A           | 29.0 A           | 16.8 A           |
| <b>F 80/160B</b>  | –                | 34.5 A           | 34.5 A           | 19.9 A           |
| <b>F 80/160A</b>  | –                | 39.0 A           | 39.0 A           | 22.5 A           |
| <b>F 80/200B</b>  | –                | 53.0 A           | 53.0 A           | 30.6 A           |
| <b>F 80/200A</b>  | –                | 65.0 A           | 65.0 A           | 37.6 A           |
| <b>F 80/250B</b>  | –                | 79.0 A           | 79.0 A           | 45.7 A           |
| <b>F 80/250A</b>  | –                | 98.0 A           | 98.0 A           | 56.6 A           |
| <b>F 100/160C</b> | –                | 27.5 A           | 27.5 A           | 15.9 A           |
| <b>F 100/160B</b> | –                | 32.5 A           | 32.5 A           | 18.8 A           |
| <b>F 100/160A</b> | –                | 39.8 A           | 39.8 A           | 23.0 A           |
| <b>F 100/200C</b> | –                | 53.0 A           | 53.0 A           | 30.6 A           |
| <b>F 100/200B</b> | –                | 65.0 A           | 65.0 A           | 37.6 A           |
| <b>F 100/200A</b> | –                | 79.0 A           | 79.0 A           | 45.7 A           |
| <b>F 100/250B</b> | –                | 98.0 A           | 98.0 A           | 56.6 A           |
| <b>F 100/250A</b> | –                | 126.0 A          | 126.0 A          | 72.8 A           |

## CARACTERÍSTICAS CONSTRUCTIVAS

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |         |                            |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|
| <b>1 Cuerpo bomba</b>    | Hierro fundido, equipado con bocas de aspiración y de impulsión roscadas                                                                                                                                                                                                                                                                                                                                                  |                 |         |                            |
| <b>2 Tapa/soporte</b>    | Hierro fundido                                                                                                                                                                                                                                                                                                                                                                                                            |                 |         |                            |
| <b>3 Rodete</b>          | Latón para F32/160 - F32/200 - F40/125 - F40/160 - F40/200 - F50/125 - F50/160<br>Hierro fundido para F32/250 - F40/250 - F50/200 - F50/250 - F65/125 - F65/160 - F65/200 - F65/250 - F80/160 - F80/200 - F80/250 - F100/160 - F100/200 - F100/250                                                                                                                                                                        |                 |         |                            |
| <b>4 Sello mecánico</b>  | Electrobomba                                                                                                                                                                                                                                                                                                                                                                                                              | Sello           | Eje     | Materiales                 |
|                          | F32/160 - F40/125 - F40/160 - F50/125                                                                                                                                                                                                                                                                                                                                                                                     | <b>FN-20</b>    | Ø 20 mm | Grafito<br>Cerámica<br>NBR |
|                          | F32/200 - F40/200 - F50/160 - F65/125                                                                                                                                                                                                                                                                                                                                                                                     | <b>FN-24</b>    | Ø 24 mm |                            |
|                          | F50/200 - F65/160 - F65/200 - F80/160 - F100/160                                                                                                                                                                                                                                                                                                                                                                          | <b>FN-32 NU</b> | Ø 32 mm |                            |
|                          | F32/250 - F40/250 - F50/250                                                                                                                                                                                                                                                                                                                                                                                               | <b>FN-38</b>    | Ø 38 mm |                            |
|                          | F65/250 - F80/200 - F80/250B - F100/200                                                                                                                                                                                                                                                                                                                                                                                   | <b>FN-40 NU</b> | Ø 40 mm |                            |
|                          | F80/250A - F100/250                                                                                                                                                                                                                                                                                                                                                                                                       | <b>FH-45 NU</b> | Ø 45 mm |                            |
| <b>5 Eje motor</b>       | Acero inoxidable <b>AISI 431</b>                                                                                                                                                                                                                                                                                                                                                                                          |                 |         |                            |
| <b>6 Motor eléctrico</b> | <b>Fm:</b> monofásico 230 V - 50 Hz<br>con protección térmica del motor integrada en el bobinado (hasta 1.5 kW)<br><b>F:</b> trifásico 230/400 V 50 Hz hasta 4 kW – 400/690 V 50 Hz de 5.5 a 75 kW<br>※ Las electrobombas están equipadas con motores de alta eficiencia (IEC 60034-30-1)<br>clase <b>IE2</b> para los modelos monofásicos<br>clase <b>IE3</b> para los modelos trifásicos<br>Servicio continuo <b>S1</b> |                 |         |                            |

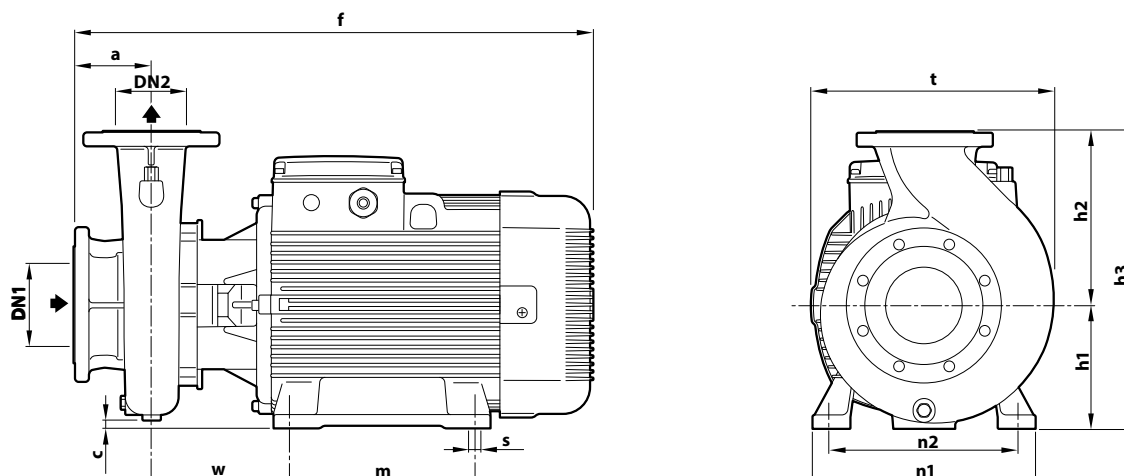


## DIMENSIONES Y PESOS



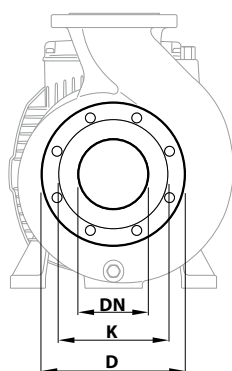
| TIPO       |            | BOCAS |       | DIMENSIONES mm |     |       |     |       |     |       |      |     |       |       | kg    |       |     |     |     |      |      |      |     |    |      |      |
|------------|------------|-------|-------|----------------|-----|-------|-----|-------|-----|-------|------|-----|-------|-------|-------|-------|-----|-----|-----|------|------|------|-----|----|------|------|
| Monofásico | Trifásico  | DN1   | DN2   | a              | f   | h1    | h2  | h3    | t   | n1    | n2   | m1  | m2    | s     | 1~    | 3~    |     |     |     |      |      |      |     |    |      |      |
| Fm 32/160C | F 32/160C  | 50    | 32    | 80             | 416 | 132   | 160 | 292   | 240 | 245   | 190  | 100 | 70    | 14    | 32.6  | 32.5  |     |     |     |      |      |      |     |    |      |      |
| Fm 32/160B | F 32/160B  |       |       |                | 436 |       |     |       |     |       |      |     |       |       | 35.3  | 36.0  |     |     |     |      |      |      |     |    |      |      |
| -          | F 32/160A  |       |       |                | 473 |       |     |       |     |       |      |     |       |       | -     | 39.0  |     |     |     |      |      |      |     |    |      |      |
| -          | F 32/200C  |       |       |                | 478 |       |     |       |     |       |      |     |       |       | -     | 46.0  |     |     |     |      |      |      |     |    |      |      |
| -          | F 32/200B  |       |       |                | 528 |       |     |       |     |       |      | 160 |       |       | 180   | 340   | 273 | 95  | -   | 50.0 |      |      |     |    |      |      |
| -          | F 32/200A  |       |       |                | 478 |       |     |       |     |       |      |     |       |       |       |       |     |     | -   | 57.0 |      |      |     |    |      |      |
| -          | F 32/200BH |       |       | 100            | 659 | 180   | 225 | 405   | 325 | 320   | 250  | 125 | 95    |       | -     | 41.7  |     |     |     |      |      |      |     |    |      |      |
| -          | F 32/200AH |       |       |                |     |       |     |       |     |       |      |     |       |       | -     | 45.0  |     |     |     |      |      |      |     |    |      |      |
| -          | F 32/250C  |       |       |                |     |       |     |       |     |       |      |     |       |       | -     | 105.0 |     |     |     |      |      |      |     |    |      |      |
| -          | F 32/250B  |       |       |                |     |       |     |       |     |       |      |     |       |       | -     | 103.3 |     |     |     |      |      |      |     |    |      |      |
| -          | F 32/250A  | -     | 121.0 |                |     |       |     |       |     |       |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| Fm 40/125C | F 40/125C  | 65    | 40    | 80             | 421 | 112   | 140 | 252   | 244 | 210   | 160  | 100 | 70    |       | 31.5  | 31.0  |     |     |     |      |      |      |     |    |      |      |
| Fm 40/125B | F 40/125B  |       |       |                | 441 |       |     |       |     |       |      |     |       |       | 33.0  | 32.4  |     |     |     |      |      |      |     |    |      |      |
| -          | F 40/125A  |       |       |                | 435 |       |     |       |     |       |      |     |       |       | -     | 35.3  |     |     |     |      |      |      |     |    |      |      |
| Fm 40/160C | F 40/160C  |       |       |                | 473 |       |     |       |     |       |      |     |       |       | 132   | 160   | 292 | 241 | 240 | 190  | 35.3 | 36.0 |     |    |      |      |
| -          | F 40/160B  |       |       |                | 498 |       |     |       |     |       |      | -   |       |       |       |       |     |     |     |      | 36.1 |      |     |    |      |      |
| -          | F 40/160A  |       |       |                | 548 |       |     |       |     |       |      | 160 |       |       | 180   | 340   | 277 | 265 | 212 | -    | 43.0 |      |     |    |      |      |
| -          | F 40/200B  |       |       | 659            | -   | 52.4  |     |       |     |       |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 40/200A  |       |       | 548            | -   | 59.0  |     |       |     |       |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 40/250C  |       |       | 659            | -   | 105.0 |     |       |     |       |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 40/250B  |       |       | 100            | 659 | 180   | 225 | 405   | 329 | 320   | 250  | 125 | 95    | -     | 105.0 |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 40/250A  | -     | 128.5 |                |     |       |     |       |     |       |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| Fm 50/125C | F 50/125C  | 455   | 65    |                |     |       |     |       |     |       |      |     |       | 50    | 100   | 455   | 132 | 160 | 292 | 242  | 240  | 190  | 100 | 70 | 34.4 | 35.1 |
| -          | F 50/125B  | 493   |       |                |     |       |     |       |     |       |      |     |       |       |       | -     |     |     |     |      |      |      |     |    | 35.2 |      |
| -          | F 50/125A  | 498   |       | 160            | 180 | 340   | 273 | 265   | 212 | -     | 42.0 |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/160C  | 548   |       |                |     |       |     |       |     | -     | 45.5 |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/160B  | 669   |       |                |     |       |     |       |     | -     | 51.0 |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/160A  | 769   |       |                |     |       |     |       |     | -     | 57.0 |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/200C  | 768.5 |       | 200            | 360 | 316.5 | 265 | 212   | -   | 100.0 |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/200B  | 769   |       |                |     |       |     |       | -   | 114.0 |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/200A  | 768.5 |       |                |     |       |     |       | -   | 127.0 |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/200AR | 768.5 |       |                |     |       |     |       | -   | 143.0 |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/250D  | 125   | 659   | 180            | 225 | 405   | 333 | 320   | 250 | 125   | 95   | -   | 105.0 |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/250C  |       |       |                |     |       |     |       |     |       |      | -   | 108.0 |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/250B  |       |       |                |     |       |     |       |     |       |      | -   | 121.0 |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/250A  |       |       |                |     |       |     |       |     |       |      | 759 | -     | 134.0 |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 50/250AR |       |       |                |     |       |     |       |     |       |      | 759 | -     | 149.0 |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 65/125C  |       |       |                |     |       |     |       |     |       |      | 80  | 65    | 100   | 520   | 160   | 180 | 340 | 292 | 280  | 212  | 125  | 95  | -  | 53.4 |      |
| -          | F 65/125B  | 570   | -     | 58.0           |     |       |     |       |     |       |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 65/125A  | 674   | 200   | 360            | 295 |       | -   | 64.0  |     |       |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 65/160C  | 674   |       |                |     |       | -   | 100.0 |     |       |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 65/160B  | 676   | 180   | 225            | 405 | 336   | 320 | 250   | -   | 112.0 |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 65/160A  | 776   |       |                |     |       |     |       | -   | 119.3 |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 65/200B  | 776   |       |                |     |       |     |       | -   | 132.0 |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 65/200A  | 776   |       |                |     |       |     |       | -   | 147.0 |      |     |       |       |       |       |     |     |     |      |      |      |     |    |      |      |
| -          | F 65/200AR | 125   | 80    | 125            | 705 | 200   | 280 | 480   | 382 | 360   | 280  | 160 | 120   | 18    | -     | 104.0 |     |     |     |      |      |      |     |    |      |      |
| -          | F 80/160C  |       |       |                | 805 |       |     |       |     |       |      |     |       |       | -     | 121.0 |     |     |     |      |      |      |     |    |      |      |
| -          | F 80/160B  |       |       |                | 718 |       |     |       |     |       |      |     |       |       | -     | 133.0 |     |     |     |      |      |      |     |    |      |      |
| -          | F 80/160A  |       |       |                | 818 |       |     |       |     |       |      |     |       |       | -     | 145.0 |     |     |     |      |      |      |     |    |      |      |
| -          | F 100/160C | 125   | 100   | 125            | 718 | 200   | 280 | 480   | 382 | 360   | 280  | 160 | 120   | 18    | -     | 141.2 |     |     |     |      |      |      |     |    |      |      |
| -          | F 100/160B |       |       |                | 818 |       |     |       |     |       |      |     |       |       | -     | 155.0 |     |     |     |      |      |      |     |    |      |      |
| -          | F 100/160A |       |       |                | 818 |       |     |       |     |       |      |     |       |       | -     | 165.0 |     |     |     |      |      |      |     |    |      |      |

## DIMENSIONES Y PESOS



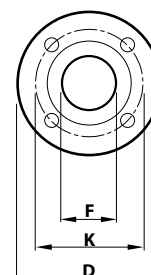
| TIPO       | BOCAS |     | DIMENSIONES mm |      |     |     |     |    |     |     |     |       |     |    | kg    |
|------------|-------|-----|----------------|------|-----|-----|-----|----|-----|-----|-----|-------|-----|----|-------|
| Trifásico  | DN1   | DN2 | a              | f    | h1  | h2  | h3  | c  | t   | n1  | n2  | w     | m   | s  | 3~    |
| F 65/250C  | 80    | 65  | 100            | 809  | 200 | 250 | 450 | 15 | 377 | 360 | 318 | 214.5 | 305 | 19 | 211.0 |
| F 65/250B  |       |     |                |      |     |     |     |    |     |     |     |       |     |    | 225.0 |
| F 65/250A  |       |     |                |      |     |     |     |    |     |     |     |       |     |    | 239.0 |
| F 80/200B  | 100   | 80  | 125            | 837  | 200 | 250 | 450 | 25 | 372 | 360 | 318 | 217.5 | 305 | 19 | 203.0 |
| F 80/200A  |       |     |                |      |     |     |     |    |     |     |     |       |     |    | 218.0 |
| F 80/250B  |       |     |                |      |     |     |     |    |     |     |     |       |     |    | 249.0 |
| F 80/250A  |       |     |                | 1015 | 250 | 280 | 620 | 55 | 490 | 490 | 400 | 294   | 350 | 24 | 547.0 |
| F 100/200C | 125   | 100 | 125            | 839  | 200 | 280 | 480 | -  | 395 | 360 | 318 | 219.5 | 305 | 19 | 217.0 |
| F 100/200B |       |     |                |      |     |     |     |    |     |     |     |       |     |    | 231.0 |
| F 100/200A |       |     |                |      |     |     |     |    |     |     |     |       |     |    | 245.0 |
| F 100/250B |       |     | 140            | 1060 | 250 | 280 | 620 | 40 | 485 | 485 | 406 | 313   | 350 | 24 | 551.2 |
| F 100/250A |       |     |                |      |     |     |     |    |     |     |     |       |     |    | 544.3 |

## BRIDAS DE LAS BOCAS



## CONTRABRIDAS

(PUEDE PEDIRSE POR SEPARADO)



| DN BRIDAS | D   | K   | ORIFICIOS |        |
|-----------|-----|-----|-----------|--------|
| mm        | mm  | mm  | N°        | Ø (mm) |
| 32        | 140 | 100 | 4         | 18     |
| 40        | 150 | 110 |           |        |
| 50        | 165 | 125 |           |        |
| 65        | 185 | 145 |           |        |
| 80        | 200 | 160 |           |        |
| 100       | 220 | 180 | 8         | 18     |
| 125       | 250 | 210 |           |        |

| DN BRIDAS | F            | D   | K   | ORIFICIOS |        |
|-----------|--------------|-----|-----|-----------|--------|
| mm        | CONTRABRIDAS | mm  | mm  | N°        | Ø (mm) |
| 32        | 1¼"          | 140 | 100 | 4         | 18     |
| 40        | 1½"          | 150 | 110 |           |        |
| 50        | 2"           | 165 | 125 |           |        |
| 65        | 2½"          | 185 | 145 |           |        |
| 80        | 3"           | 200 | 160 |           |        |
| 100       | 4"           | 220 | 180 | 8         | 18     |
| 125       | 5"           | 250 | 210 |           |        |