

Standardised "EN 733" centrifugal pumps

 Clean water

 Industrial use


PERFORMANCE RANGE

- Flow rate up to **6000 l/min** (360 m³/h)
- Head up to **98 m**

APPLICATION LIMITS

- Manometric suction lift up to **7 m**
- Liquid temperature between **-10 °C** and **+90 °C**
- Ambient temperature between **-10 °C** and **+40 °C**
- Max. pressure in pump body **10 bar** (PN10)
- Continuous service **S1**

CONSTRUCTION AND SAFETY STANDARDS

EN 60335-1
IEC 60335-1
CEI 61-150

EN 60034-1
IEC 60034-1
CEI 2-3



Pump body dimensions in compliance with **EN 733**

EU REGULATION N. 547/2012

INSTALLATION AND USE

- Water supply
- Pressure boosting
- Irrigation
- Water circulation in air-conditioning units
- Cleaning sets
- Firefighting sets
- Industrial applications
- Agricultural applications

Installation needs to be undertaken in well ventilated closed areas or anyway protected from bad weather.

OPTIONS AVAILABLE ON REQUEST

- Counter flange KIT complete with bolts, nuts and washers
- Special mechanical seal
- Other voltages or 60 Hz frequency
- Compatibility with hotter or colder liquids
- Compatibility with hotter or colder environments

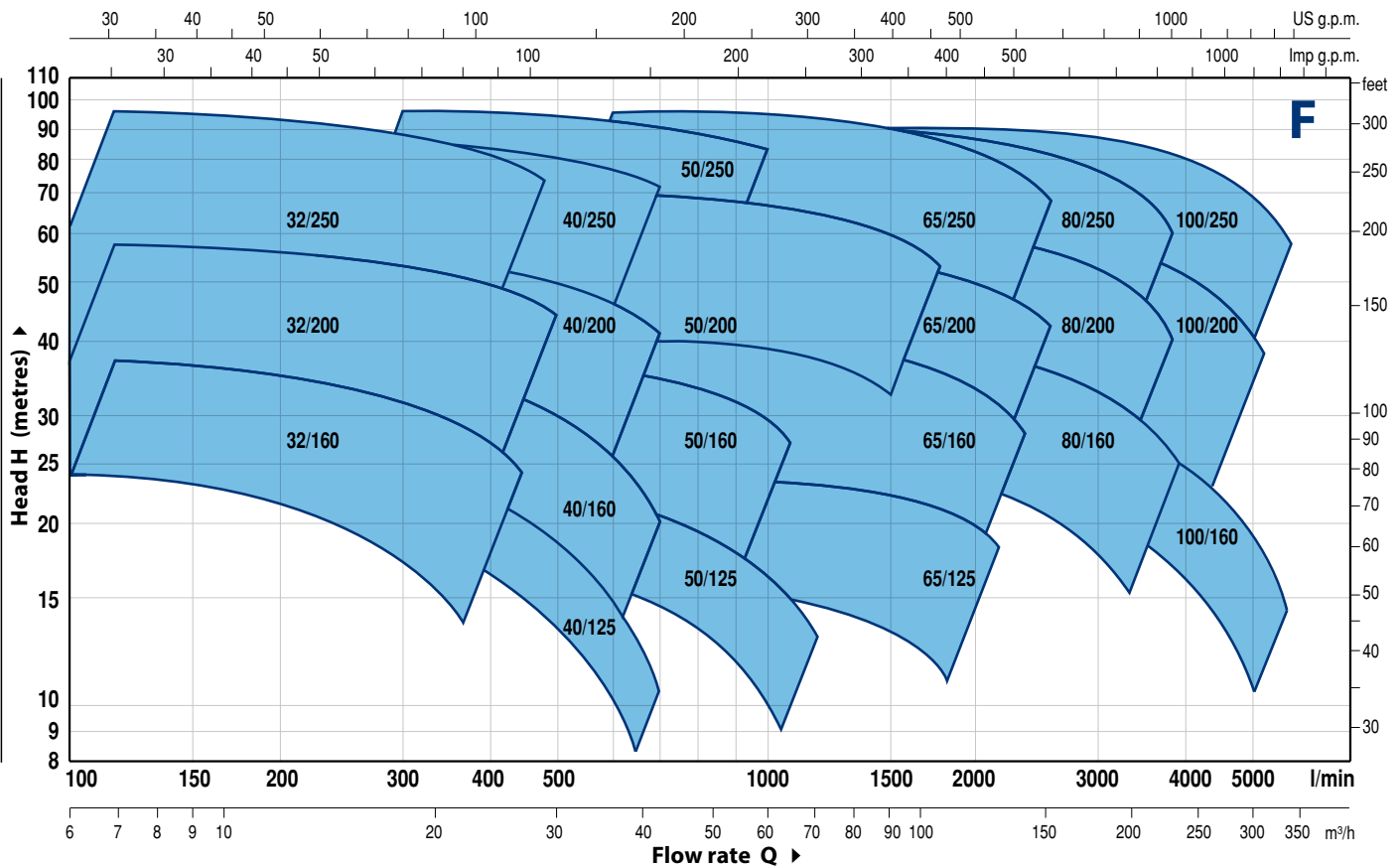
CERTIFICATIONS

Company with management system certified DNV
ISO 9001: QUALITY



PERFORMANCE RANGE

50 Hz n= 2900 min⁻¹



PERFORMANCE DATA

50 Hz n= 2900 min⁻¹

| MODEL | POWER (P ₂) | | ▲ | PERFORMANCE | |
|------------|-------------------------|------|------------|-------------|-----------|
| | kW | HP | | Q l/min | H metres |
| F 32/160C | 1.5 | 2 | IE3 | 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 | IE3 | 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 | IE3 | 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 – 1100 | 32 – 21 |
| F 50/160A | 7.5 | 10 | | 300 – 1100 | 37 – 27 |
| 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 |
| F 50/250D | 9.2 | 12.5 | 300 – 900 | 51 – 32 | |
| F 50/250C | 11 | 15 | 300 – 900 | 59 – 42 | |
| 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 | |

| MODEL | POWER (P ₂) | | ▲ | PERFORMANCE | |
|------------|-------------------------|------|-------------|-------------|-----------|
| | kW | HP | | Q l/min | H metres |
| F 65/125C | 4 | 5.5 | IE3 | 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 | IE3 | 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 | IE3 | 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 |

Q = Flow rate

H = Total manometric head

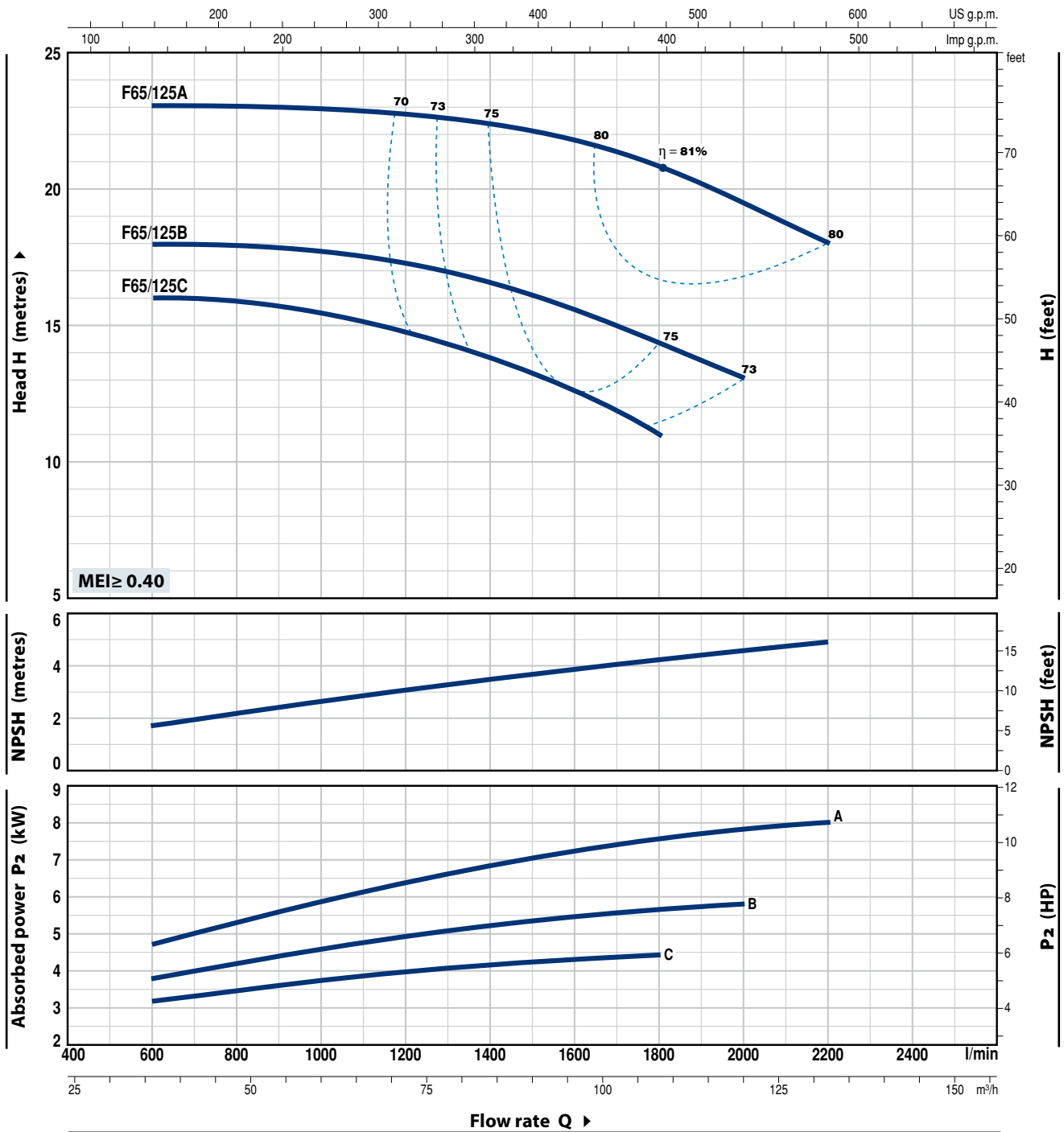
Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

▲ Three-phase motor efficiency class (IEC 60034-30-1)

F65/125

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 min⁻¹ HS= 0 m



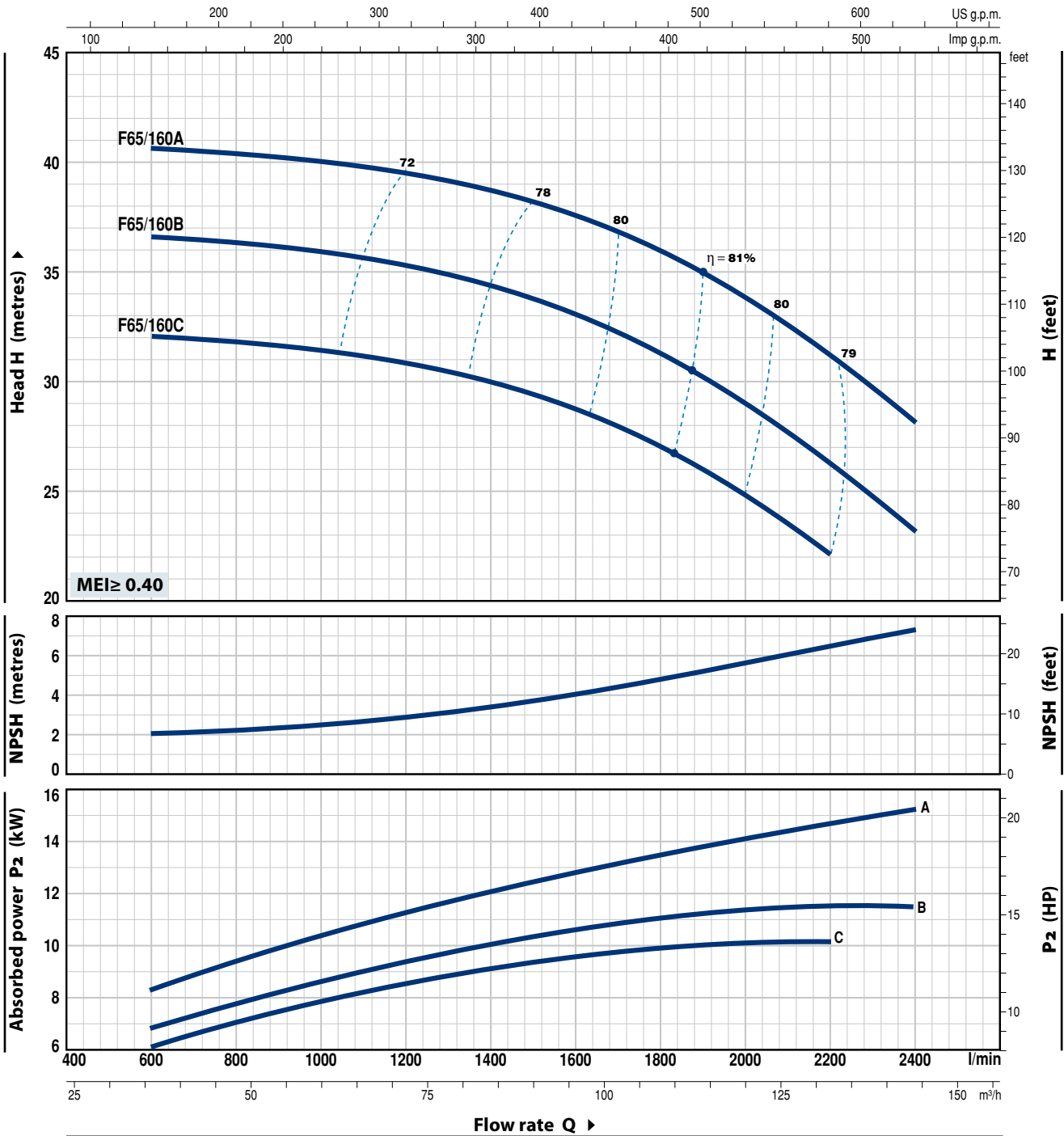
| MODEL | POWER (P ₂) | | Q | Flow rate | | | | | | | | | | | | |
|-------------|-------------------------|-----|----------|-------------------|-----|-----|------|------|------|------|------|------|------|-----|--|--|
| | kW | HP | | m ³ /h | 0 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | | |
| Three-phase | | | l/min | 0 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| F 65/125C | 4 | 5.5 | H metres | 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 | | | |

Q = Flow rate H = Total manometric head HS = Suction height

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n = 2900 min⁻¹ HS = 0 m



| MODEL | POWER (P ₂) | | Q | Flow rate | | | | | | | | | | | | | |
|-------------|-------------------------|------|----------|-----------|------|------|------|------|------|------|------|------|------|------|--|--|--|
| | kW | HP | | 0 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 | | | |
| Three-phase | | | l/min | 0 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | | | |
| F 65/160C | 9.2 | 12.5 | H metres | 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 | | | |

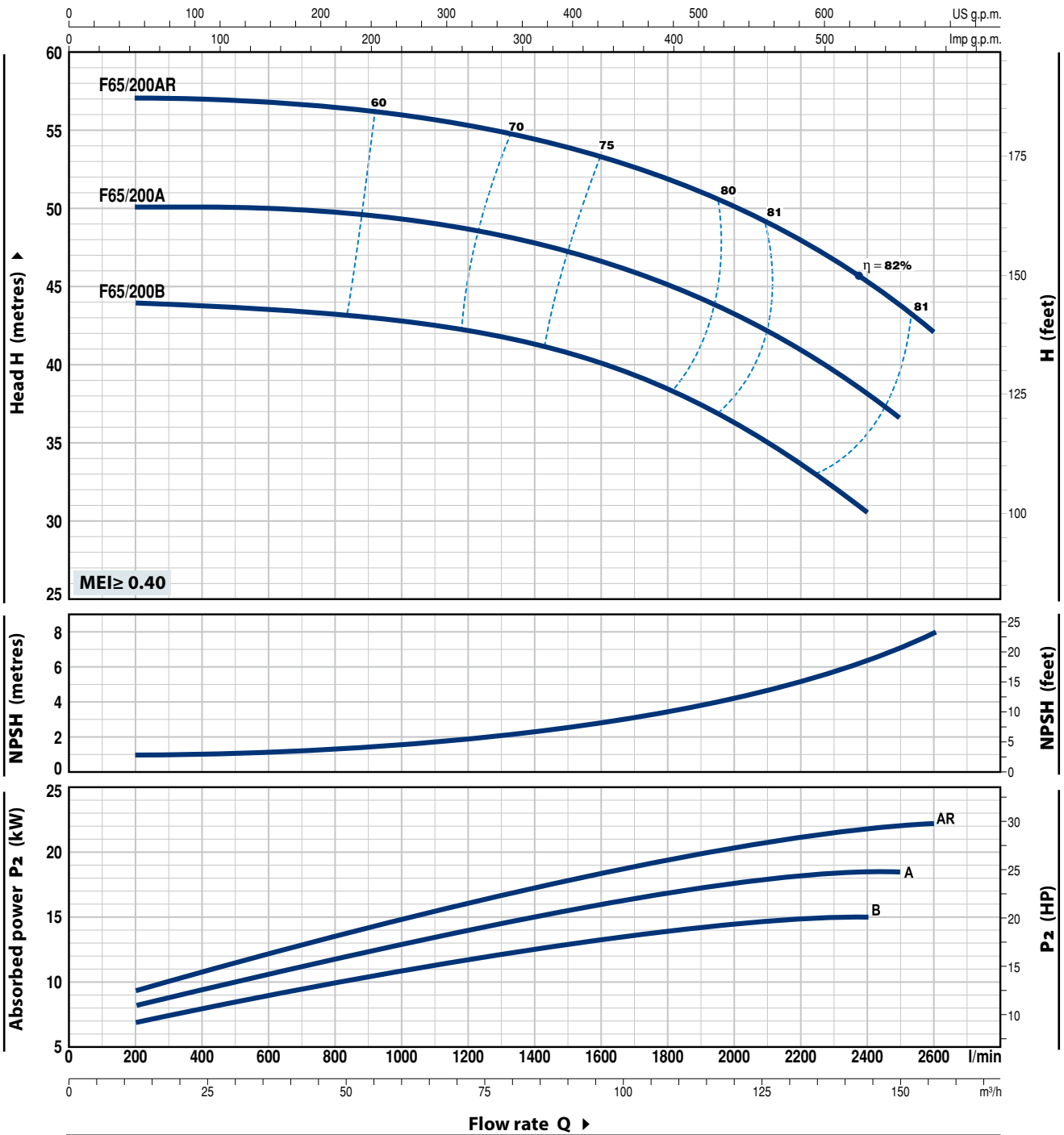
Q = Flow rate H = Total manometric head HS = Suction height

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

F65/200

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n = 2900 min⁻¹ HS = 0 m



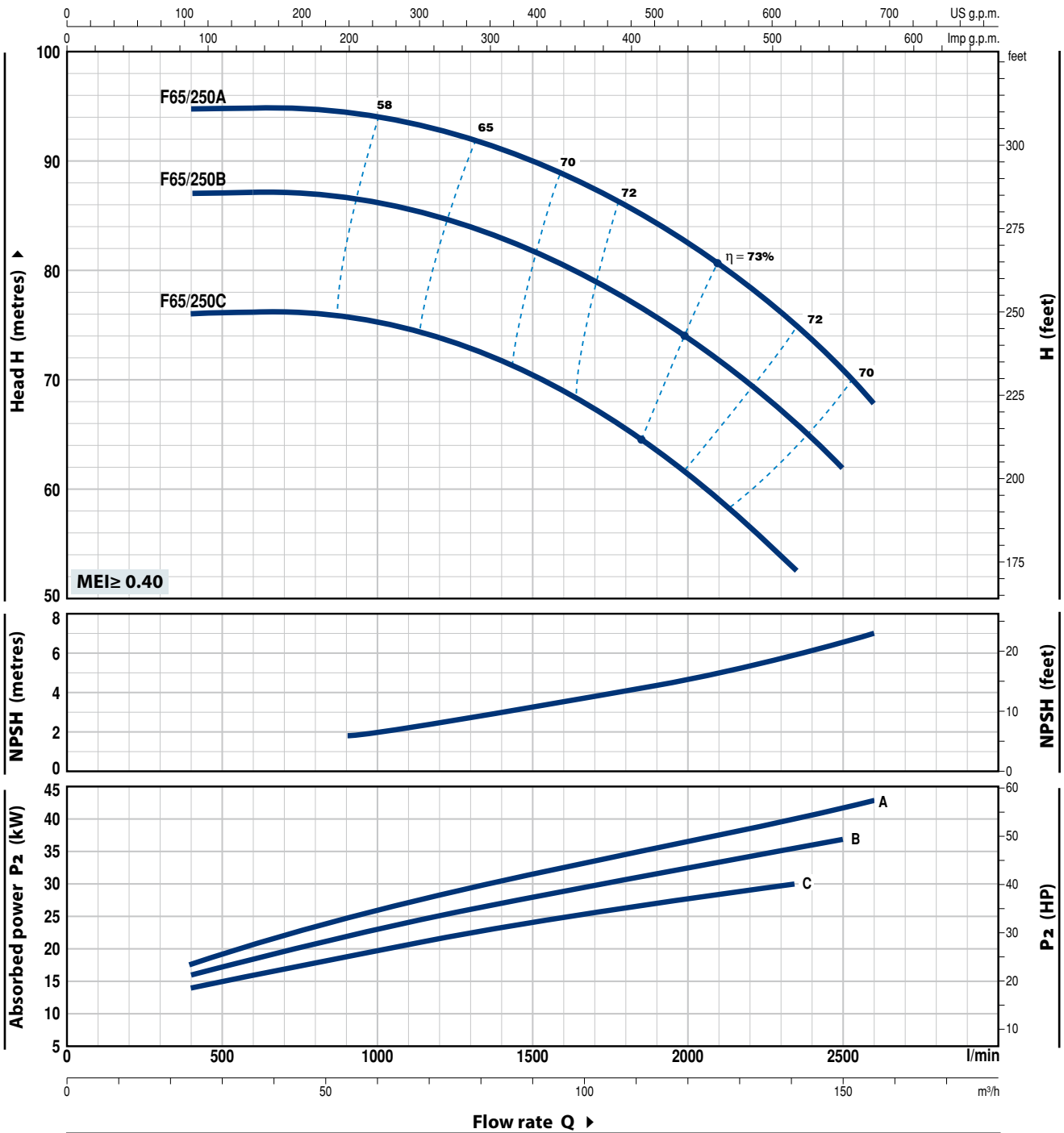
| MODEL | POWER (P ₂) | | Q m ³ /h l/min | 12 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 | 150 | 156 |
|-------------|-------------------------|----|---------------------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| | kW | HP | |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

Q = Flow rate H = Total manometric head HS = Suction height

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n = 2900 min⁻¹ HS = 0 m



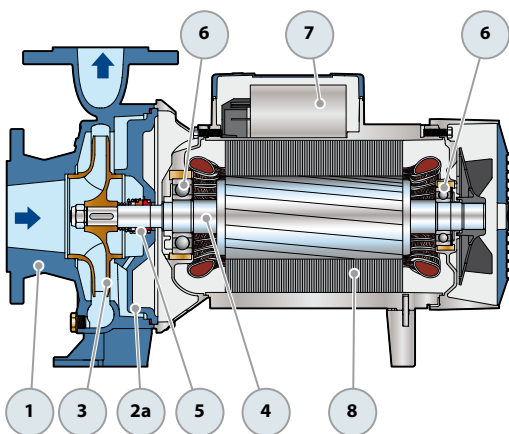
| MODEL | POWER (P ₂) | | Q | Flow rate | | | | | | | | | | | |
|-------------|-------------------------|----|----------|-------------------|-----|------|------|------|------|------|------|------|-----|--|--|
| | kW | HP | | m ³ /h | 24 | 40 | 60 | 80 | 100 | 120 | 141 | 150 | 156 | | |
| Three-phase | | | l/min | 400 | 667 | 1000 | 1333 | 1667 | 2000 | 2350 | 2500 | 2600 | | | |
| F 65/250C | 30 | 40 | H metres | 76 | 76 | 75.5 | 72.5 | 68 | 61.5 | 53 | | | | | |
| F 65/250B | 37 | 50 | | 87 | 87 | 86 | 84 | 80 | 74 | 66.5 | 62 | | | | |
| F 65/250A | 45 | 60 | | 95 | 95 | 94 | 92 | 88 | 82.5 | 75 | 71 | 68 | | | |

Q = Flow rate H = Total manometric head HS = Suction height

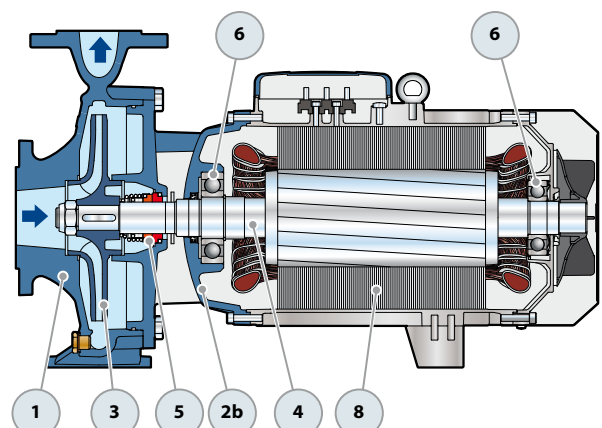
Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

POS. COMPONENT CONSTRUCTION CHARACTERISTICS

| | | | | | |
|--------------------------|--|--------------------------------|-----------------------|---|----------------|
| 1 PUMP BODY | Cast iron complete with flanged suction and delivery ports | | | | |
| 2a BODY BACKPLATE | Cast iron for F32/160, F32/200, F40/125, F40/160, F40/200, F50/125, F50/160, F65/125 | | | | |
| 2b MOTOR BRACKET | Cast iron for F32/250, F40/250, F50/200, F50/250, F65/160, F65/200, F65/250, F80/160, F80/200, F80/250, F100/160, F100/200, F100/250 | | | | |
| 3 IMPELLER | Brass for F32/160, F32/200, F40/125, F40/160, F40/200, F50/125, F50/160 Cast iron for 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 | | | | |
| 4 MOTOR SHAFT | Stainless steel AISI 431 | | | | |
| 5 MECHANICAL SEAL | Pump Model | Seal Model | Shaft Diameter | Materials Stationary ring Rotational ring Elastomer | |
| | F32/160, F40/125, F40/160, F50/125 | FN-20 | Ø 20 mm | Graphite | Ceramic NBR |
| | F32/200, F40/200, F50/160, F65/125 | FN-24 | Ø 24 mm | Graphite | Ceramic NBR |
| | F50/200, F65/160, F65/200, F80/160, F100/160 | FN-32 NU | Ø 32 mm | Graphite | Ceramic NBR |
| | F32/250, F40/250, F50/250 | FN-38 | Ø 38 mm | Graphite | Ceramic NBR |
| | F65/250, F80/200, F80/250B, F100/200 | FN-40 NU | Ø 40 mm | Graphite | Ceramic NBR |
| | F80/250A, F100/250 | FH-45 NU | Ø 45 mm | Graphite | Ceramic NBR |
| 6 BEARINGS | Pump Model | Model | Pump Model | Model | |
| | F32/160C F40/160C | 6206 ZZ-C3 / 6204 ZZ | F32/250 F50/200 | 6310 ZZ-C3 / 6308 ZZ-C3 | |
| | F32/160B F50/125C | | F40/250 F65/160 | | |
| | F40/125 | | F50/250 F80/160 | | |
| | Fm32/160B F32/160A | 6206 ZZ-C3 / 6205 ZZ | F65/200 F100/160 | 6312 ZZ-C3 / 6212 ZZ-C3 | |
| | Fm40/160C F40/160B | | F65/250 F80/200 | | |
| | Fm50/125C F50/125B | | F80/250B F100/200 | | |
| | F40/160A | 6306 ZZ-C3 / 6206 ZZ-C3 | F80/250A | 6314 ZZ-C3 / 6313 ZZ-C3 | |
| | F50/125A | | F100/250 | | |
| | F32/200 F40/200 | 6307 ZZ-C3 / 6206 ZZ-C3 | | | |
| | F50/160 F65/125 | | | | |
| 7 CAPACITOR | Pump | Capacitance | | | |
| | Single-phase | (230 V or 240 V) | | | |
| | Fm32/160C | 45 µF - 450 VL | | | |
| | Fm32/160B | 70 µF - 450 VL | | | |
| | Fm40/125C | 31.5 µF - 450 VL | | | |
| | Fm40/125B | 45 µF - 450 VL | | | |
| | Fm40/160C | 70 µF - 450 VL | | | |
| | Fm50/125C | 70 µF - 450 VL | | | |
| 8 ELECTRIC MOTOR | Fm: single-phase 230 V - 50 Hz with thermal overload protector incorporated into the winding (up to 1.5 kW) F: three-phase 230/400 V - 50 Hz up to 4 kW 400/690 V - 50 Hz from 5.5 to 75 kW ➡ The three-phase pumps are fitted with high performance motors in class IE3 (IEC 60034-30-1) – Insulation: class F – Protection: IP 55 | | | | |



Single-phase version



Three-phase version

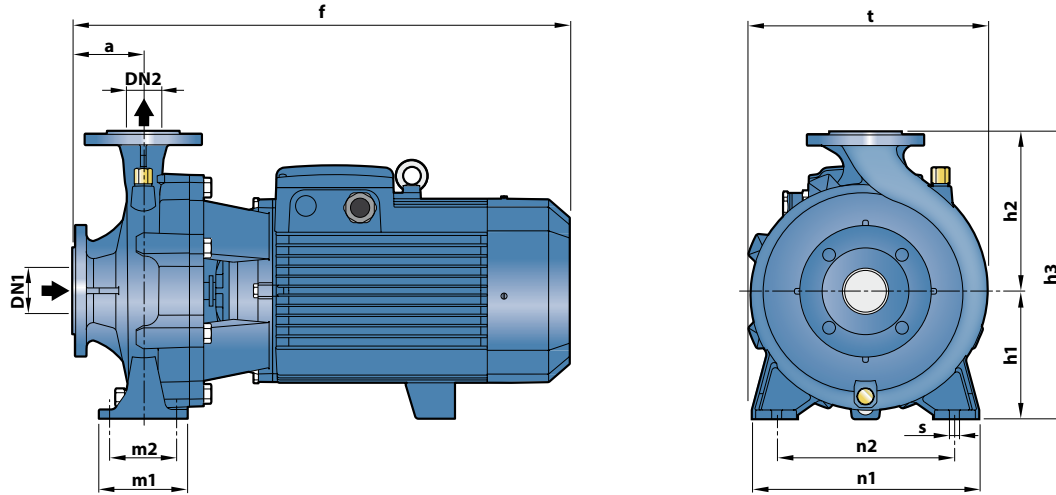
ABSORPTION

| MODEL | VOLTAGE | |
|--------------|---------|--------|
| | 230 V | 240 V |
| Single-phase | | |
| Fm 32/160C | 11.0 A | 10.0 A |
| Fm 32/160B | 15.0 A | 13.8 A |
| Fm 40/160C | 15.0 A | 14.4 A |
| Fm 50/125C | 15.0 A | 14.4 A |

| MODEL | VOLTAGE | | |
|-------------|-----------|-----------|-----------|
| | 230–240 V | 400–415 V | 690–720 V |
| Three-phase | | | |
| F 32/160C | 7.5 A | 4.3 A | 2.5 A |
| F 32/160B | 8.65 A | 5.0 A | 2.9 A |
| F 32/160A | 12.6 A | 7.3 A | 4.1 A |
| F 32/200C | 17.9 A | 10.3 A | 6.0 A |
| F 32/200B | – | 11.7 A | 6.8 A |
| F 32/200A | – | 14.9 A | 8.6 A |
| F 32/200BH | 12.6 A | 7.3 A | 4.2 A |
| F 32/200AH | 15.4 A | 8.9 A | 5.1 A |
| F 32/250C | – | 18.5 A | 10.7 A |
| F 32/250B | – | 22.0 A | 12.7 A |
| F 32/250A | – | 25.0 A | 14.5 A |
| F 40/125C | 5.2 A | 3.0 A | 1.7 A |
| F 40/125B | 7.7 A | 4.5 A | 2.6 A |
| F 40/125A | 9.0 A | 5.2 A | 3.0 A |
| F 40/160C | 9.9 A | 5.7 A | 3.3 A |
| F 40/160B | 12.0 A | 6.9 A | 4.0 A |
| F 40/160A | 17.2 A | 9.9 A | 5.6 A |
| F 40/200B | – | 12.6 A | 7.3 A |
| F 40/200A | – | 15.6 A | 9.0 A |
| F 40/250C | – | 21.0 A | 12.1 A |
| F 40/250B | – | 23.5 A | 13.6 A |
| F 40/250A | – | 30.5 A | 17.6 A |
| F 50/125C | 9.4 A | 5.4 A | 3.2 A |
| F 50/125B | 12.0 A | 6.9 A | 4.0 A |
| F 50/125A | 16.3 A | 9.4 A | 5.4 A |
| F 50/160C | 15.8 A | 9.1 A | 5.3 A |
| F 50/160B | – | 12.3 A | 7.1 A |
| F 50/160A | – | 15.5 A | 8.9 A |
| F 50/200C | – | 23.0 A | 13.3 A |
| F 50/200B | – | 29.5 A | 17.0 A |
| F 50/200A | – | 34.5 A | 20.0 A |
| F 50/200AR | – | 41.5 A | 24.0 A |

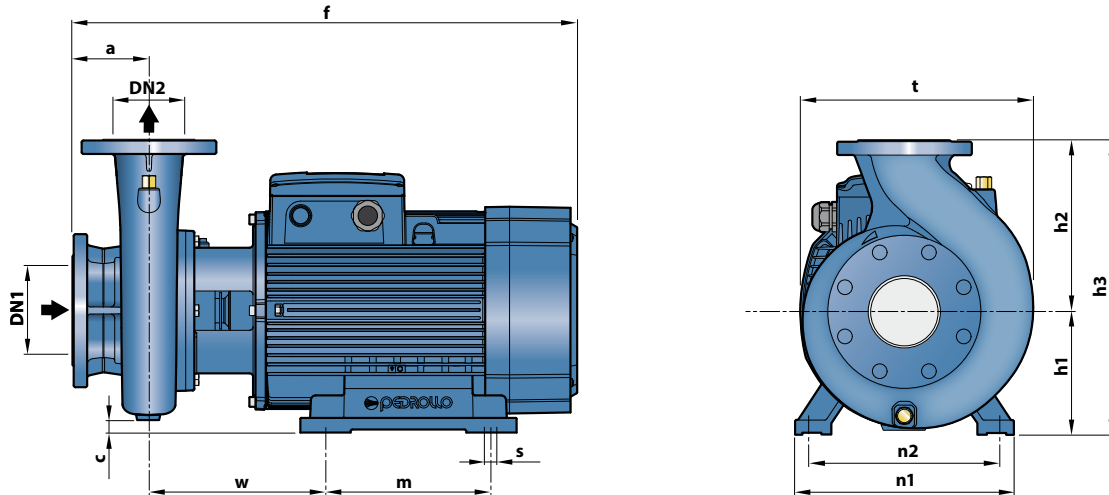
| MODEL | VOLTAGE | | |
|-------------|-----------|-----------|-----------|
| | 230–240 V | 400–415 V | 690–720 V |
| Three-phase | | | |
| F 50/250D | – | 19.0 A | 11.0 A |
| F 50/250C | – | 21.0 A | 12.0 A |
| F 50/250B | – | 27.0 A | 15.6 A |
| F 50/250A | – | 34.0 A | 19.6 A |
| F 50/250AR | – | 41.0 A | 24.0 A |
| F 65/125C | 17.5 A | 10.0 A | 5.8 A |
| F 65/125B | – | 12.0 A | 7.0 A |
| F 65/125A | – | 16.5 A | 9.5 A |
| F 65/160C | – | 19.0 A | 11.0 A |
| F 65/160B | – | 23.0 A | 13.5 A |
| F 65/160A | – | 27.5 A | 16.0 A |
| F 65/200B | – | 30.0 A | 17.3 A |
| F 65/200A | – | 34.0 A | 19.5 A |
| F 65/200AR | – | 41.0 A | 24.0 A |
| F 65/250C | – | 53.0 A | 31.0 A |
| F 65/250B | – | 65.0 A | 38.0 A |
| F 65/250A | – | 79.0 A | 46.0 A |
| F 80/160D | – | 22.0 A | 13.0 A |
| F 80/160C | – | 29.0 A | 17.0 A |
| F 80/160B | – | 34.5 A | 20.0 A |
| F 80/160A | – | 39.0 A | 22.5 A |
| F 80/200B | – | 53.0 A | 31.0 A |
| F 80/200A | – | 65.0 A | 38.0 A |
| F 80/250B | – | 79.0 A | 46.0 A |
| F 80/250A | – | 98.0 A | 57.0 A |
| F 100/160C | – | 27.5 A | 16.0 A |
| F 100/160B | – | 32.5 A | 18.8 A |
| F 100/160A | – | 39.8 A | 23.0 A |
| F 100/200C | – | 53.0 A | 31.0 A |
| F 100/200B | – | 65.0 A | 38.0 A |
| F 100/200A | – | 79.0 A | 46.0 A |
| F 100/250B | – | 98.0 A | 57.0 A |
| F 100/250A | – | 126.0 A | 73.0 A |

DIMENSIONS AND WEIGHT



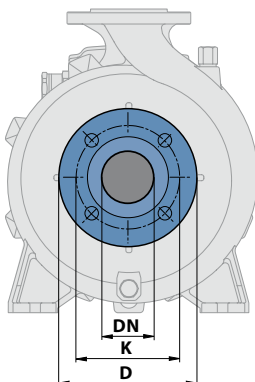
| MODEL | | DIMENSIONS mm | | | | | | | | | | | | | kg | | |
|--------------|-------------|---------------|-----|-----|---------|------|-------|-----|-----|------|-----|-----|----|-------|------|-------|-------|
| Single-phase | Three-phase | DN1 | DN2 | a | f | h1 | h2 | h3 | t | n1 | n2 | m1 | m2 | s | 1~ | 3~ | |
| Fm 32/160C | F 32/160C | 50 | 32 | 80 | 419 | 160 | 160 | 292 | 240 | 245 | 190 | 100 | 70 | 14 | 32.6 | 32.3 | |
| Fm 32/160B | F 32/160B | | | | 448/432 | | | | | | | | | | 42.3 | 35.2 | |
| - | F 32/160A | | | | 448 | | | | | | | | | | - | 38.7 | |
| - | F 32/200C | | | | 469 | | | | | | | | | | - | 46.3 | |
| - | F 32/200B | | | | 515 | | | | | | | | | | - | 51.8 | |
| - | F 32/200A | | | 160 | 180 | 340 | 273 | 95 | - | 56.9 | | | | | | | |
| - | F 32/200BH | | | 469 | - | 42.0 | | | | | | | | | | | |
| - | F 32/200AH | | | - | - | 45.8 | | | | | | | | | | | |
| - | F 32/250C | | | 100 | 606 | 180 | 225 | 405 | 325 | 320 | 250 | 125 | 95 | | - | 105.5 | |
| - | F 32/250B | | | 701 | - | - | - | - | - | - | - | - | - | | - | - | 103.2 |
| - | F 32/250A | - | - | - | - | - | - | - | - | - | - | - | - | 121.0 | | | |
| Fm 40/125C | F 40/125C | 65 | 40 | 80 | 421 | 132 | 160 | 292 | 244 | 210 | 160 | 100 | 70 | 14 | 31.5 | 29.9 | |
| Fm 40/125B | F 40/125B | | | | 441 | | | | | | | | | | 33.0 | 32.4 | |
| - | F 40/125A | | | | 439 | | | | | | | | | | - | 32.6 | |
| Fm 40/160C | F 40/160C | | | | 448 | | | | | | | | | | - | 38.3 | 33.4 |
| - | F 40/160B | | | | 465 | | | | | | | | | | - | 38.9 | |
| - | F 40/160A | | | 535 | 160 | 180 | 340 | 277 | 265 | 212 | - | - | - | | - | 53.0 | |
| - | F 40/200B | | | 606 | 180 | 225 | 405 | 329 | 320 | 250 | 125 | 95 | - | | - | 104.0 | |
| - | F 40/200A | | | 701 | - | - | - | - | - | - | - | - | - | | - | - | 104.0 |
| - | F 40/250C | | | 100 | 606 | 180 | 225 | 405 | 329 | 320 | 250 | 125 | 95 | | - | 120.0 | |
| - | F 40/250B | | | 701 | - | - | - | - | - | - | - | - | - | | - | - | 104.0 |
| - | F 40/250A | - | - | - | - | - | - | - | - | - | - | - | - | 120.0 | | | |
| Fm 50/125C | F 50/125C | 65 | 50 | 100 | 465/451 | 160 | 160 | 292 | 242 | 240 | 190 | 100 | 70 | 14 | 36.8 | 35.1 | |
| - | F 50/125B | | | | 465 | | | | | | | | | | - | 38.5 | |
| - | F 50/125A | | | | 484 | | | | | | | | | | - | 42.8 | |
| - | F 50/160C | | | | 489 | | | | | | | | | | - | 47.3 | |
| - | F 50/160B | | | | 535 | | | | | | | | | | 180 | 340 | 273 |
| - | F 50/160A | | | 616 | 160 | - | - | - | - | - | - | - | - | | - | - | 57.6 |
| - | F 50/200C | | | 711 | 200 | 360 | 316.5 | - | - | - | - | - | - | | - | - | 100.0 |
| - | F 50/200B | | | 711 | 200 | 360 | 316.5 | - | - | - | - | - | - | | - | - | 115.0 |
| - | F 50/200A | | | 743 | - | - | - | - | - | - | - | - | - | | - | - | 127.2 |
| - | F 50/200AR | | | 743 | - | - | - | - | - | - | - | - | - | | - | - | 141.0 |
| - | F 50/250D | 605 | - | - | - | - | - | - | - | - | - | - | - | 104.2 | | | |
| - | F 50/250C | 605 | - | - | - | - | - | - | - | - | - | - | - | 104.2 | | | |
| - | F 50/250B | 701 | 180 | 225 | 405 | 333 | 320 | 250 | - | - | - | - | - | 105.0 | | | |
| - | F 50/250A | 701 | 180 | 225 | 405 | 333 | 320 | 250 | - | - | - | - | - | 121.0 | | | |
| - | F 50/250AR | 733 | - | - | - | - | - | - | - | - | - | - | - | 134.2 | | | |
| - | F 65/125C | 511 | - | - | - | - | - | - | - | - | - | - | - | 147.0 | | | |
| - | F 65/125B | 511 | - | - | - | - | - | - | - | - | - | - | - | 53.2 | | | |
| - | F 65/125A | 557 | 160 | 180 | 340 | 292 | 280 | 212 | - | - | - | - | - | 58.3 | | | |
| - | F 65/160C | 620 | 200 | 360 | 295 | 280 | 212 | 125 | 95 | - | - | - | - | 63.0 | | | |
| - | F 65/160B | 620 | 200 | 360 | 295 | 280 | 212 | 125 | 95 | - | - | - | - | 98.5 | | | |
| - | F 65/160A | 716 | - | - | - | - | - | - | - | - | - | - | - | 100.2 | | | |
| - | F 65/200B | 716 | - | - | - | - | - | - | - | - | - | - | - | 114.0 | | | |
| - | F 65/200A | 718 | - | - | - | - | - | - | 336 | - | - | - | - | 119.3 | | | |
| - | F 65/200AR | 718 | - | - | - | - | - | - | 336 | - | - | - | - | 132.1 | | | |
| - | F 80/160D | 751 | - | - | - | - | - | - | 320 | 250 | - | - | - | 145.3 | | | |
| - | F 80/160C | 652 | 180 | 225 | 405 | 320 | 250 | - | - | - | - | - | - | 103.1 | | | |
| - | F 80/160B | 747 | - | - | - | - | - | - | 330 | - | - | - | - | 120.0 | | | |
| - | F 80/160A | 747 | - | - | - | - | - | - | 330 | - | - | - | - | 133.8 | | | |
| - | F 100/160C | 779 | 125 | 779 | - | - | - | - | - | - | - | - | - | 144.0 | | | |
| - | F 100/160B | 779 | 125 | 779 | - | - | - | - | - | - | - | - | - | 141.2 | | | |
| - | F 100/160A | 760 | 200 | 280 | 480 | 382 | 360 | 280 | 160 | 120 | 18 | - | - | 150.3 | | | |
| - | F 100/160A | 790 | 200 | 280 | 480 | 382 | 360 | 280 | 160 | 120 | 18 | - | - | 164.0 | | | |

DIMENSIONS AND WEIGHT



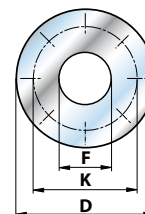
| MODEL | DIMENSIONS mm | | | | | | | | | | | | | | kg |
|------------|---------------|-----|-----|------|-----|-----|-----|----|-----|-----|-----|-------|-----|------|-------|
| | Three-phase | DN1 | DN2 | a | f | h1 | h2 | h3 | c | t | n1 | n2 | w | m | |
| F 65/250C | 80 | 65 | 100 | 796 | 201 | 250 | 451 | 16 | 363 | 360 | 318 | 269.5 | 305 | 18.5 | 208.0 |
| F 65/250B | | | | 847 | | | | | | | | | | | 226.0 |
| F 65/250A | | | | 847 | | | | | | | | | | | 246.2 |
| F 80/200B | 100 | 80 | 125 | 824 | 280 | 280 | 450 | 26 | 360 | 490 | 400 | 294 | 350 | 24 | 197.4 |
| F 80/200A | | | | 875 | | | | | | | | | | | 223.0 |
| F 80/250B | | | | 872 | | | | | | | | | | | 240.0 |
| F 80/250A | 125 | 100 | 140 | 1015 | 250 | 280 | 620 | 55 | 490 | 485 | 406 | 313 | 350 | 24 | 547.0 |
| F 100/200C | | | | 826 | | | | | | | | | | | 214.4 |
| F 100/200B | | | | 875 | | | | | | | | | | | 234.2 |
| F 100/200A | 125 | 100 | 140 | 877 | 201 | 280 | 481 | 0 | 391 | 360 | 318 | 271 | 305 | 18.5 | 232.8 |
| F 100/250B | | | | 877 | | | | | | | | | | | 551.2 |
| F 100/250A | | | | | | | | | | | | | | | 544.3 |

FLANGED PORTS



COUNTER FLANGES

(CAN BE ORDERED SEPARATELY)



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

| DN FLANGES | F | D | K | HOLES | |
|------------|--------|-----|-----|-------|--------|
| | | | | N° | Ø (mm) |
| 32 | 1 1/4" | 140 | 100 | 4 | 18 |
| 40 | 1 1/2" | 150 | 110 | | |
| 50 | 2" | 165 | 125 | | |
| 65 | 2 1/2" | 185 | 145 | | |
| 80 | 3" | 200 | 160 | | |
| 100 | 4" | 220 | 180 | 8 | |
| 125 | 5" | 250 | 210 | | |