
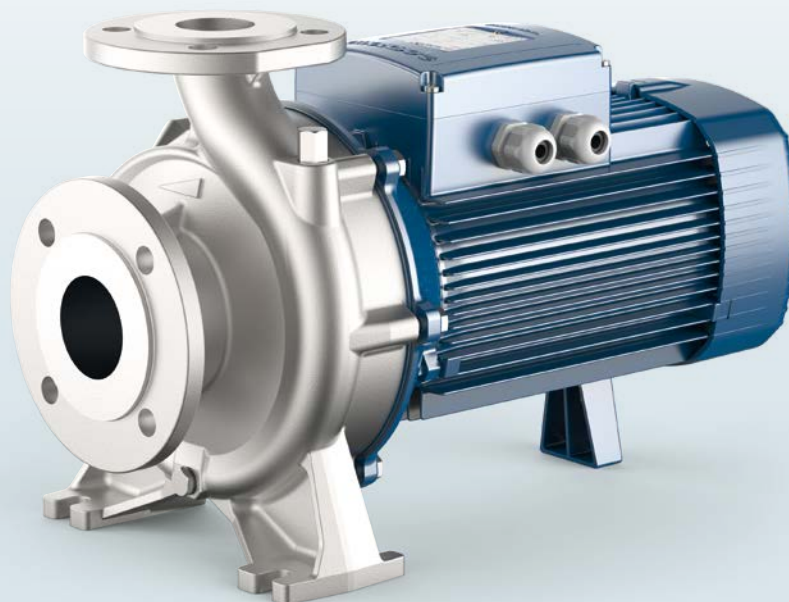


## "EN 733" stainless steel standardised pumps

 Clean water

 Industrial use

※ Pump entirely made of  
AISI 316 stainless steel



### PERFORMANCE RANGE

- Flow rate up to **1200 l/min** (72 m<sup>3</sup>/h)
- Head up to **9.3 m**
- Power from **0.75 to 1.5 kW**

### INSTALLATION AND USE

Designed to transfer clean water free from abrasive particles and liquids that will not damage the pump's components.

- Water supply
- Pressurization
- Irrigation
- Water circulation in air conditioning systems
- Power washing systems
- Firefighting systems
- Industrial applications
- Agriculture applications

### ELECTRIC MOTOR

The three-phase pumps are equipped with newly developed electric motors designed to work with inverters, which guarantee stable and quiet operation.

Efficiency class **IE3** for three-phase motors, **IE2** for single-phase motors, class F insulation and IP55 protection.

### APPLICATION LIMITS

- Manometric suction head up to **7 m**
- Liquid temperature between **-10 °C** and **+90 °C**
- Ambient temperature between **-10 °C** and **+40 °C**
- Maximum pressure in the pump body **10 bar** (PN10)

### AVAILABLE UPON REQUEST

- ※ Mechanical seal options available
- ※ Different voltage requirements 60 Hz frequency
- ※ Handling of liquids with higher or lower temperatures
- ※ Adaptability to operate in high or low temperature environments

### PERFORMANCE DATA

**MEI ≥ 0.40 50 Hz**

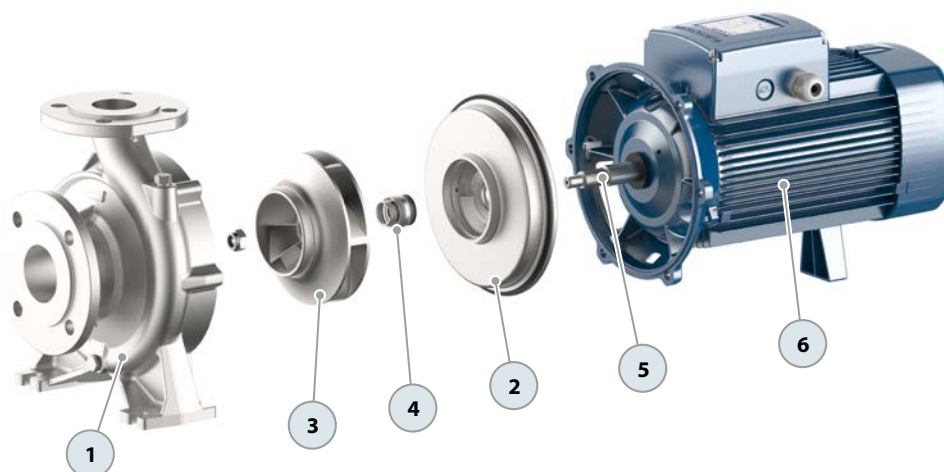
TYPE	POWER (P <sub>2</sub> )			PERFORMANCE					
	kW	HP	3~	Q l/min	H m	Q l/min	H m	Q l/min	H m
Three-phase									
<b>F4 50/160B-I</b>	0.75	1	<b>IE3</b>	<b>150</b>	8	<b>440</b>	6.5	<b>650</b>	3.8
<b>F4 50/160A-I</b>	1.1	1.5		<b>150</b>	9.3	<b>460</b>	7.8	<b>700</b>	4.5
<b>F4 65/125B-I</b>	0.75	1	<b>IE3</b>	<b>300</b>	4.7	<b>900</b>	3.8	<b>1100</b>	3
<b>F4 65/125A-I</b>	1.1	1.5		<b>300</b>	5.7	<b>1000</b>	4.7	<b>1200</b>	4

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

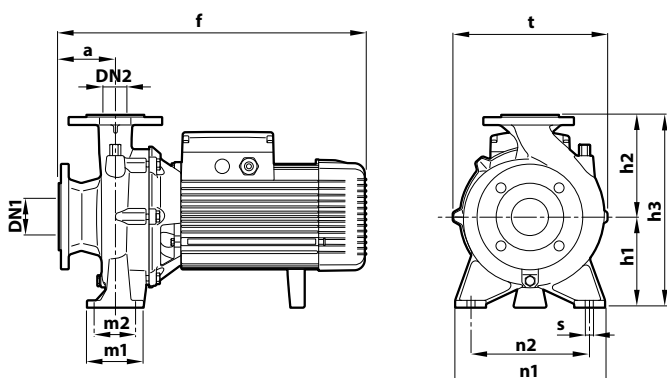
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

## MATERIALS AND COMPONENTS

1	<b>Pump body</b>	Stainless steel <b>AISI 316</b>		
2	<b>Cover</b>	Stainless steel <b>AISI 316</b>		
3	<b>Impeller</b>	Stainless steel <b>AISI 316</b>		
4	<b>Mechanical seal</b>	Type <b>FN-24SV</b>	Shaft Ø 24 mm	Materials Silicon carbide / Silicon carbide / Viton
5	<b>Motor shaft</b>	Stainless steel <b>AISI 316L</b>		
6	<b>Electric motor</b>	Three-phase 230/400 V - 50 Hz The pumps are equipped with high-efficiency motors (IEC 60034-30-1) in class <b>IE3</b> Continuous running duty <b>S1</b>		



## DIMENSIONS AND WEIGHT



## ABSORPTION

TYPE	VOLTAGE	
	230 V - Δ	400 V - Y
<b>F4 50/160B-I</b>	3.3 A	1.9 A
<b>F4 50/160A-I</b>	4.2 A	2.4 A
<b>F4 65/125B-I</b>	3.6 A	2.1 A
<b>F4 65/125A-I</b>	4.5 A	2.6 A

TYPE	PORTS		DIMENSIONS mm											kg
Trifase	DN1	DN2	a	f	h1	h2	h3	t	n1	n2	m1	m2	s	3~
F4 50/160B-I	65	50	100	498	160	180	340	269	265	212	100	70	14	55.0
F4 50/160A-I				548								62.0		
F4 65/125B-I	80	65		520				291	280		125	95		62.1
F4 65/125A-I				570										68.0