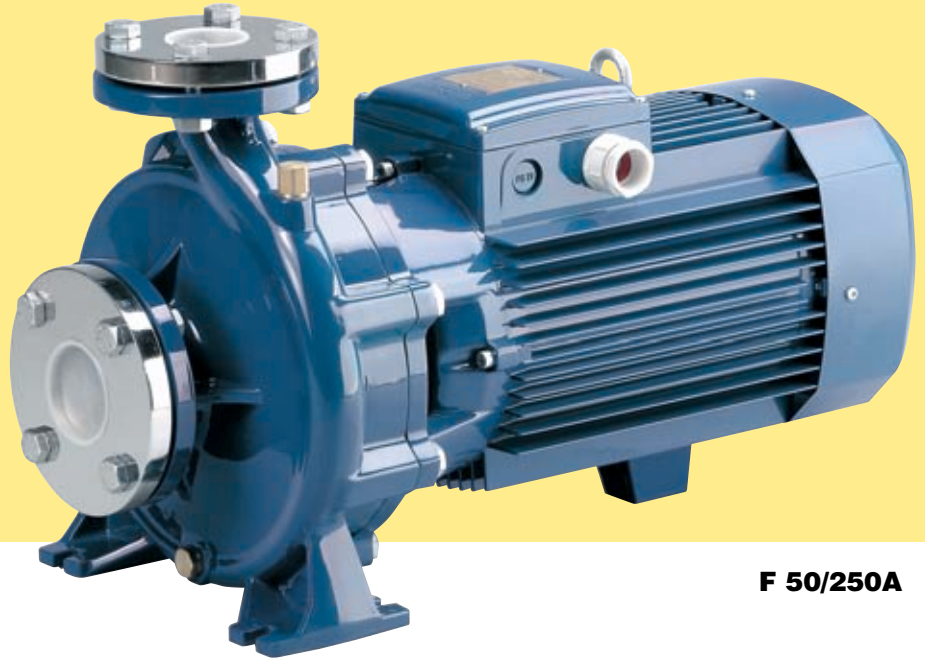


# F

## standardized centrifugal pumps (EN 733 - DIN 24255)



F 50/250A

### PERFORMANCE RANGE

Flow rate up to 2400 l/min (144 m<sup>3</sup>/h)  
Dynamic head up to 85 m

### OPERATING LIMITS

Suction lift up to 7 m  
Fluid temperature up to + 60°C  
Maximum ambient temperature + 40°C  
Max operating pressure 10 bar

### CONSTRUCTION AND SAFETY STANDARDS:

EN 60034-1  
IEC 34-1  
CEI 2-3

### PUMP INSTALLATION AND APPLICATIONS

These pumps are recommended for clean water and fluids which are not chemically aggressive to the pump components. **THEY ARE MAINLY USED FOR CIVIL, INDUSTRIAL AND AGRICULTURAL APPLICATIONS, WHERE THEY MAKE THE MOST OF THEIR STURDINESS AND DEPENDABILITY.** They are manufactured to **EN 733 - DIN 24255 standards.** Overall dimensions, sizes and positions of suction and delivery openings, support feet and performance comply with these standards. Their structural shape allows dismantling without disconnecting the pump body from the pipeline (back pull out), making them easy to use in widely varying conditions.  
They should be installed in a covered area, protected against weather.

### WARRANTY: 2 YEARS

(according to our general sales conditions).

### STRUCTURAL CHARACTERISTICS:

- **PUMP BODY:** cast iron, manufactured to EN 733 - DIN 24255 and UNI 7467-NF E-44-111 standards, built with flanged suction and delivery openings (UNI 2236 PN10).
- **PUMP BODY COVER:** cast iron, which closes the rear pump body and houses the mechanical seal.
- **IMPELLER:** brass (cast iron for F 50/200-250, F 65/125-160-200).
- **MOTOR SHAFT:** AISI 430F stainless steel.
- **MECHANICAL SEAL:** ceramic and graphite.
- **MOTOR:**  
the pumps are coupled to an asynchronous, high efficiency PEDROLLO induction motor of suitable size, which is quiet, closed and externally ventilated, suitable for continuous duty.  
INSULATION class F.  
Motors require an adequate external motor protector, and connections are to be according to current standards.
- **PROTECTION:**  
IP 44.

### SPECIAL FEATURES ON REQUEST:

- ⇒ AISI 316 stainless steel motor shaft
- ⇒ mechanical seal with different materials
- ⇒ IP 55 protection
- ⇒ other voltages
- ⇒ 60 Hz frequency
- ⇒ for higher temperature pumped liquids
- ⇒ for use in areas with a higher temperature



**PERFORMANCE CHART AT n= 2900 1/min**

