



### **I Application**

The Estampinox EFI pump is a stainless steel centrifugal pump ideal for the transfer of water and other low viscosity liquids. It is designed to cater for the needs of auxiliary services in the food-processing, chemical, pharmaceutical and wine-making industries.

### **I Design and features**

Estampinox EFI is a range of close-coupled centrifugal pumps.

It is made of a cold-formed stainless steel casing, open impeller manufactured with stainless steel cold-formed plate or investment casting (according to model), mechanical seal, pump cover, lantern and shaft. Estampinox EFI centrifugal pump is provided with an internal single mechanical seal.

### **I Technical specifications**

#### **Materials:**

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Parts in contact with the product   | Stainless steel AISI 316L (1.4404) |
| Other steel parts                   | Stainless steel AISI 304 (1.4301)  |
| Gaskets in contact with the product | EPDM                               |

#### **Mechanical seal:**

|                 |               |
|-----------------|---------------|
| Rotary part     | Ceramic (Cer) |
| Stationary part | Carbon (C)    |
| Gaskets         | EPDM          |

|                 |      |
|-----------------|------|
| Surface finish: | Matt |
|-----------------|------|

|              |                             |
|--------------|-----------------------------|
| Connections: | Threaded connection (ISO 7) |
|--------------|-----------------------------|

#### **Operating limits:**

|                           |                      |                 |
|---------------------------|----------------------|-----------------|
| Maximum working pressure  | 6 bar                | 87 PSI          |
| Temperature range         | -10°C to +120 °C     | 14 °F to 248 °F |
| Maximum flow              | 65 m <sup>3</sup> /h | 286 US GPM      |
| Maximum differential head | 66 m                 | 217 ft          |
| Maximum speed             | 3500 rpm             |                 |

### **I Motor**

Triphasic induction motor with B34 flange (B35 for motor frame 132), in compliance with the IEC standards, 2 poles = 3000/3600 rpm, efficiency class according to EC regulation, IP 55 protection and F-class insulation.

3 phases, 50 Hz, 230 V Δ / 400 V Y, ≤ 4 kW  
3 phases, 50 Hz, 400 V Δ / 690 V Y, ≥ 5,5 kW

*Estampinox EFI centrifugal pump with shroud*

