

## Sanitary Circulators

### MARKET SECTORS

RESIDENTIAL.

### APPLICATIONS

- Circulation of sanitary hot water.

## TLCN Series



### SPECIFICATIONS

#### PUMP

- **Flow rate:** up to 4 m<sup>3</sup>/h.
- **Head:** up to 6 m.
- **Temperature of pumped liquid:** +2°C ÷ +110°C (recommended up to 65°C). Avoid condensation and ice formation.
- **Maximum operating pressure:** 10 bar (PN 10).
- **Impeller:** made of composite material.
- **Wear ring:** ceramic.

#### MOTOR

- Wet rotor type, with bearings lubricated by the pumped liquid. Axial and radial bearings made of ceramic.
- Single-phase 230 V 50 Hz power supply. Terminal box axially integrated in the motor.
- Three speed hand selector motor.
- **Insulation class** 180 (H).
- **Protection class** IP 44.

### CONSTRUCTION CHARACTERISTICS

- Electric circulator pumps for sanitary hot water circulation, at a recommended maximum temperature of 65°C, maximum hardness of 25° f (14°dH) and maximum viscosity of 10 mm<sup>2</sup>/s.
- Stainless steel pump body with 1", 1" ¼ and 1" ½ threaded connections.
- According to EN standards 60335-1, 60335-2-51, 55014-1, 55014-2.

### ACCESSORIES

- Pipe unions.
- Insulation shell.

### INSTALLATION

- Suitable for installation in horizontal or vertical piping, in any position provided that motor axis is horizontal.