

CK self-priming electropumps with liquid ring



RANGE OF PERFORMANCE

Flow rate up to 50 l/min (3 m³/h)
Head up to 51 m

LIMITS OF USE

Manometric suction height up to 9 m
Liquid temperature up to + 90°C (+55°C for diesel fuel/mazut)
Environment temperature up to + 40°C

EXECUTION AND SAFETY STANDARDS

EN 60 335-1
IEC 335-1
CEI 61-150

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



USES AND INSTALLATIONS

THEY ARE RECOMMENDED FOR PUMPING DIESEL FUEL/MAZUT, CLEAN WATER WITHOUT ABRASIVE PARTICLES AND LIQUIDS THAT ARE CHEMICALLY NON AGGRESSIVE FOR THE MATERIALS OF WHICH THE PUMP IS MADE. THANKS TO THE SPECIFIC OPERATING PRINCIPLE THEY ARE A GOOD SOLUTION IN ALL CASES WHERE A COMPACT SELF-PRIMING PUMP IS NEEDED OR WHERE THE FLOW OF LIQUID IS POOR OR IRREGULAR OR MIXED WITH AIR.

The pumps must be installed in enclosed places, or at least protected against inclement weather.

GUARANTEE 2 YEARS according to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

- **PUMP BODY:** cast iron, with threaded inlets ISO 228/1.
- **LANTERN (patent n° 1289150):** aluminium with front shim disk in brass; reduces starting difficulties due to blockage of the impeller after long periods of inactivity.
- **IMPELLER:** brass of the star type with open radial vanes.
- **MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.
- **MECHANICAL SEAL:** ceramic - graphite - VITON.
- **ELECTRIC MOTOR:** the pumps are coupled to a PEDROLLO electric motor with specially calculated dimensions, silent-running, closed, with external ventilation, suitable for continuous duty.
● **CKm:** single-phase 230 V - 50 Hz with condenser and thermal overload protector built into the winding .
● **CK:** three-phase 230/400 V - 50 Hz.
- **INSULATION:** class F.
- **PROTECTION:** IP 44.
- **REGISTERED MODEL**

EXECUTIONS ON REQUEST

- ⇒ **CKm/INT** electropumps with switch and power cable with Schuko plug
- ⇒ **CKm 50-BP/NZ** electropumps with aluminium spray gun and 4 metre hose reinforced with a steel spiral .
- ⇒ special mechanical seal
- ⇒ other voltages or frequency 60 Hz
- ⇒ protection IP 55

