



centrifugal electropumps medium flow rates



RANGE OF PERFORMANCE

Flow rate up to 600 l/min (36 m³/h)
Heads up to 39 m

LIMITS OF USE

Manometric suction height up to 7 m
Liquid temperature up to + 90°C
Environment temperature up to + 40°C

EXECUTION AND SAFETY STANDARDS

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



USES AND INSTALLATIONS

THE HF SERIES IS RECOMMENDED FOR USE IN THE CIVIL, AGRICULTURAL AND INDUSTRIAL FIELD. THE HIGH YIELDS REACHED AND THE POSSIBILITY OF CONTINUOUS DUTY MAKE ITS USE ADVANTAGEOUS FOR IRRIGATION WITH FLOWING AND SPRINKLING WATER, FOR DRAWING WATER FROM LAKES, RIVERS, WELLS, OR FOR VARIOUS INDUSTRIAL USES CHARACTERISED BY THE NEED TO ACHIEVE CONSIDERABLE FLOW RATES IN RELATION TO MEDIUM-LOW HEADS.

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.
- **IMPELLER:** brass, of the type with centrifugal radial flow.
- **MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.
- **MECHANICAL SEAL:** ceramic - graphite - NBR.
- **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.
 - HFm:** single-phase 230 V - 50 Hz with condenser and thermal overload protector built into the winding.
 - HF:** three-phase 230/400 V - 50 Hz.
- **INSULATION:** class F. ● **PROTECTION:** IP 44.

EXECUTIONS ON REQUEST

- ⇒ special mechanical seal
- ⇒ other voltages or frequency 60 Hz

