

# MC TWO-CHANNEL submersible electropumps

for sewage waters

**TWO-CHANNEL submersible pumps in cast iron, characterised by high yield; particularly sturdy and reliable, indicated in fixed installations.**



## RANGE OF PERFORMANCE

Flow rate up to 800 l/min (48 m<sup>3</sup>/h)  
Head up to 15 m

## LIMITS OF USE

Depth of use up to 10 m  
Liquid temperature up to + 40°C  
Passage of suspended solid bodies up to Ø 45 mm  
For continuous duty: minimum immersion 290 mm

## EXECUTION AND SAFETY STANDARDS

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



## USES AND INSTALLATIONS

THE PUMPS IN THE MC SERIES, MADE OF EXCEPTIONALLY STURDY HEAVY-GAUGE CAST IRON, RESISTANT TO ABRASION AND LONG-LASTING, ARE EQUIPPED WITH A **TWO-CHANNEL IMPELLER** WHICH ALLOWS THE DRAINAGE OF LIQUIDS CONTAINING SUSPENDED SOLID BODIES WITH DIMENSIONS UP TO Ø 45 mm WITH SHORT FIBRE. THEY ARE RECOMMENDED FOR CONVEYING DRAINAGE WATERS AND SEWAGE, WASTE WATERS, WATERS MIXED WITH MUD, GROUNDWATER AND SURFACE WATERS FOR USES SUCH AS: CONDOMINIUMS, INDUSTRIES, MULTI-STOREY CAR PARKS, UNDERGROUND CAR PARKS, WASHING AREAS, ETC. .

**GUARANTEE 2 YEARS** according to our general terms of sale.

## CONSTRUCTION CHARACTERISTICS

- **PUMP BODY:** cast iron, with threaded inlet ISO 228/1.
- **MOTOR CASING AND BASE:** cast iron.
- **IMPELLER:** two-channel, in **stainless steel AISI 304**.
- **MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.
- **DOUBLE MECHANICAL SEAL:** carburundum - NBR pump side and sealing ring on motor side (with interposed oil barrier chamber for lubricating and cooling the seal surfaces in case of lack of water).
- **MOTOR:** submersible asynchronous for continuous duty.  
MCm: single-phase 220÷240 V - 50 Hz with thermal overload protector built into the winding.  
MC: three-phase 380÷415 V - 50 Hz.
- **INSULATION:** class F. ● **PROTECTION:** IP 68.

## THE ELECTROPUMPS ARE COMPLETE WITH:

**MCm** (single-phase) Float switch.  
Neoprene power cable "H07 RN-F"  
length **10 metres with** Schuko plug.  
Electric panel with condenser.

**MC** (three-phase) Neoprene power cable "H07 RN-F"  
length **10 metres**.

## EXECUTIONS ON REQUEST

- ⇒ electric panel for three-phase electropumps 1.1 kW
- ⇒ single-phase electropumps without float switch
- ⇒ other voltages or frequency 60 Hz

