

MC 2"

for sewage water

DOUBLE-CHANNEL submersible pumps for professional use. Particularly efficient and reliable, with generous motor specification and hardfaced mechanical seal.



King Pumps™
HOME

RANGE OF PERFORMANCE

Capacity up to 211 gpm
Head up to 49 ft

LIMITS OF USE

Depth up to 15 ft
Liquid temperature up to 104°F
Solid Handling up to 2"
For continuous duty: minimum immersion 11" from pump base

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1 EN 60034-1
IEC 335-1 IEC 34-1
CEI 61-150 CEI 2-3



INSTALLATION AND USE

MC SUBMERSIBLE PUMPS ARE RECOMMENDED FOR DRAINING DIRTY WATER AND SEWAGE IN THE DOMESTIC AND CIVIL SECTORS. THEY ARE EQUIPPED WITH A "DOUBLE-CHANNEL" STAINLESS STEEL IMPELLER WHICH ALLOWS THE PUMPING OF LIQUIDS CONTAINING SUSPENDED SOLID BODIES WITH DIMENSIONS UP TO Ø 2 plg AND SHORT FIBRES. THEY ARE IDEAL FOR PUMPING DRAINAGE WATER, SEWAGE OR WASTE WATER FOR A SINGLE DWELLING, AND FOR CLEARING SUFACE OR NUISANCE WATER, EVEN IF MUDDY. THESE PUMPS ARE OUTSTANDING IN THEIR RELIABILITY IN FIXED INSTALLATIONS WITH AUTOMATIC OPERATION.

GUARANTEE 2 YEAR subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

DELIVERY BODY: cast iron, with threaded port
MOTOR CASING: stainless steel AISI 304.
Base: stainless steel AISI 304.
IMPELLER: double-channel in stainless steel AISI 304.
MOTOR SHAFT: stainless steel EN 10088-3 - 1.4104.
DOUBLE SEAL: mechanical seal silicon carbide - NBR, with oil barrier chamber and inner lip seal to protect the seal in the event of dry running.
MOTOR: submersible asynchronous for continuous duty.
MC: single-phase 115V or 230V - 60 Hz with capacitor and thermal overload protector.
MC: three-phase 230V - 60 Hz.
INSULATION: class F. • **PROTECTION:** IP 68.

STANDARD FEATURES:

- MC** (single-phase) Float switch.
Neoprene power cord "H07 RN-F"
length 30 ft
- MC** (three-phase) Neoprene power cord "H07 RN-F"
length 30 ft

OPTIONS ON REQUEST

15 ft power cord.
other voltages or frequency 50 Hz



tech.support (954) 474 9090

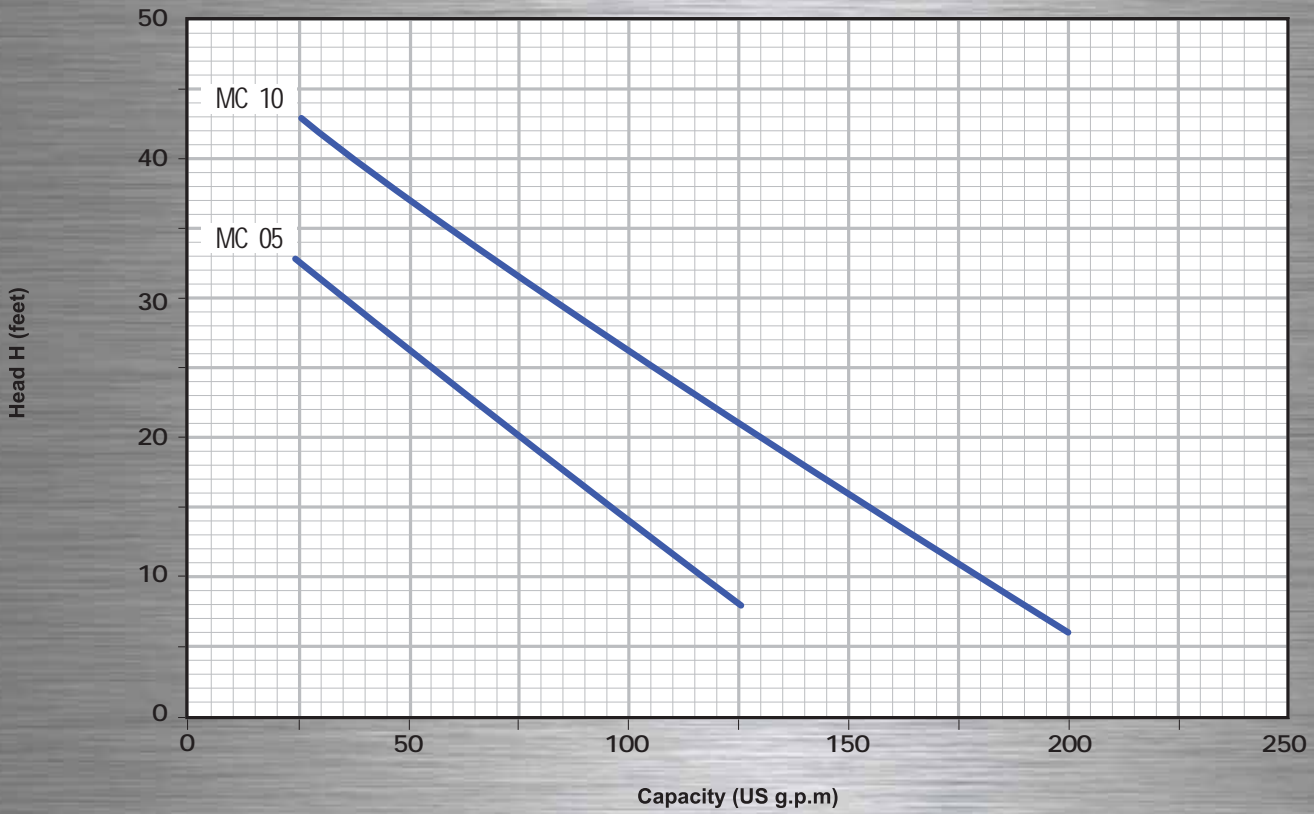


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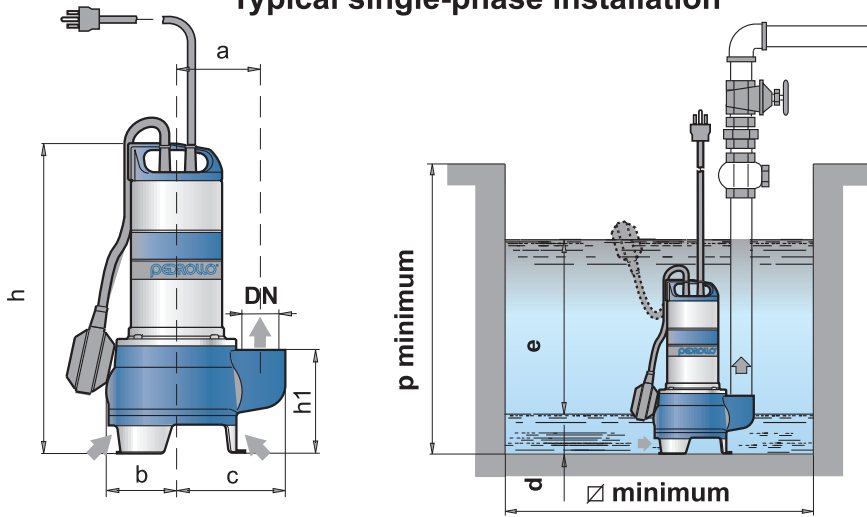
CURVES AND PERFORMANCE DATA



| MODEL | | HP | CAPACITY GPM | H Feet | | | | | | | | | | |
|-------|-------|-----|--------------|--------|----|----|----|-----|-----|-----|-----|-----|--|--|
| 1 PH | 3PH | | | 0 | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | | |
| MC 05 | MC 05 | 0.5 | | 39 | 33 | 26 | 20 | 14 | 8 | | | | | |
| MC 10 | MC 10 | 1 | | 49 | 43 | 37 | 32 | 26 | 21 | 16 | 11 | 6 | | |

DIMENSIONS AND WEIGHTS

Typical single-phase installation



| MODEL | | DISCH DN | Passage of Solids bodies | DIMENSIONS INCHES | | | | | | | | LBS | | |
|-------|-------|-------------|-----------------------------|-------------------|------|------|-------|------|------|------------|------|------|------|------|
| 1 PH | 3PH | | | a | b | c | h | h1 | d | e | p | ∅min | 1~ | 3~ |
| MC 05 | MC 05 | 2" | 2" | 43.3 | 35.4 | 59.1 | 161.4 | 60.2 | 21.7 | Adjustable | 19.7 | 19.7 | 31.6 | 29.4 |
| MC 10 | MC 10 | | | 47.2 | 14.6 | 64.2 | 169.3 | 62.2 | 25.6 | | | | 36.5 | 31.6 |