

EUROPUMP HM 05 & 10

PUMP TYPE

Submersible drainage pump in light weight material for use at contractor sites and other drainage applications. The vortex impeller in rubber combined with a built in agriator make the pump ideal for pumping sludge. Float switch as option.

50 Hz	HM 05 / 10
Discharge connection	R2"
Rated power P2 [W]	370/750
Max. power con. P1 [W]	500/1000
Shaft speed [r.p.m.]	2900
Rated current at 230V	4,0/6,0 A
Rated current at 400V	N/A
Solids passage	12 mm
Dim. – h/Ø	344/250-370/280 mm
Weight	9,5/12,5 kg

Other voltages on request

CLASSIFICATION

- Electrical submersible sludge pump
- Protection class: IP 68

ELECTRICAL MOTOR

- 1-phase, 2 pole, Squirrel cage induction motor 50 Hz: Built in motorprotection relay
- Insulation class: F (IEC 85)

MOTOR PROTECTION

- 1-phase: Capacitor and temperature guard with a thermal contact in stator
- Opening temperature 135°C (275°F)

CABLE

- 1-phase: 3x1,5 mm², 10 m (33 ft),

LIMITATIONS

- Max. submersion depth: 10 m (33 ft)
- Max. liquid temperature: 40°C (104°F)
- Allowed pH range: 5 - 10
- Maximum liquid density: 1250 kg/m³

SHAFT SEALS

- Double mechanical seals running in an oil compartment. Material lower seal: silicon carbide - silicon carbide
- Material upper seal: carbon - aluminum oxide

DISCHARGE CONNECTION

- 2" BSP thread for e.g. stortz

OPERATION

- Capable to run dry.

MATERIALS

- Pump top, outer casing, stator housing: Aluminium to ensure low weight
- Volute and agriator: Ductile iron GGG40
- Difussor & impeller: Polyurethane on stainless steel AISI304
- Screws, nuts and shaft: Stainless steel AISI304

