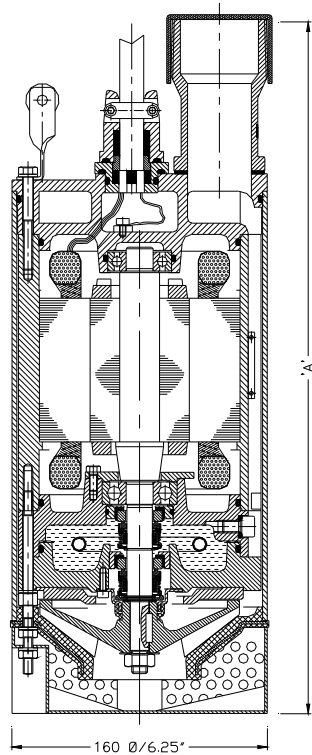


mody ELECTRIC SUBMERSIBLE DRAINAGE PUMP

M-100/120 SERIES

1.3HP(1kW) / 1.5HP(1.1kW) / 2HP(1.5kW)

Model	'A'
M-100/106T	16.50"
M-100/106ST	16.75"
M-120/126T	17.00"



M-100/120 SERIES

MATERIALS OF CONSTRUCTION AND ENGINEERING DATA

MOTOR

2-pole induction **continuous rated** motor with squirrel cage rotor.
 Stator insulation class 'H' (180°C).
 Speed: 3400 RPM @ 60 Hz, 2800 RPM @ 50 Hz
 Power Rating: 1.3/1.5/2HP @ 60Hz, 1/1.5kW @ 50Hz Full Load
 Current FLA: 2/2.2/3.4 Amps @ 460v, 2.3/3.9 @ 400v Three Phase
 19Amps @ 115v, 10Amps @ 220v Single Phase
 Max. temperature of the pump liquid : 104°F/40°C
 Max. start/stop per hour : 15

POWER SUPPLY

1 & 3 phase, 50/60 Hz, AC Supply. Available in any voltage frequency combination.(115/208/220/230/380/415/460/575/1000V)

BALL BEARINGS

The rotor shaft is carried in two single row, deep groove ball bearings.
 The bearings are enclosed with high temperature grease-containing special Anti-corrosion additive.

POWER CABLE

Waterproof/oil proof, rubber-insulated, neoprene-sheathed copper conductor flexible cable, 50ft. (15m) length standard. Type SOOW in North America, EPR in the Middle East and HO7RN in the EU. 6 Core with thermal overloads optional.

SHAFT SEAL

Tandem Tungsten Carbide/Tungsten Carbide and Tungsten Carbide/Tungsten Carbide Mechanical seals wholly enclosed in a pressure compensated oil chamber.

CORROSION RESISTANT

Epoxy coated Aluminum Outer Casing
 Epoxy coated Extruded Aluminum Stator Casing
 Nitrile Rubber- Lined Diffuser. Polyurethane Optional.
 Shaft: 431 Stainless Steel
 Hardware: 304 Stainless Steel
 Impeller: Nitride Hardened 410SS to 56HRC is Standard.
 pH Range: 5 - 8

STRAINER

304 Stainless Steel with 1/4" (6mm) round holes.

SUBMERGENCE

Submergence below liquid surface min 5" (127mm) max. 50' (15m).

WEIGHTS (Approx. without cable)

M 100:	35lbs. (16Kg)
M 100S:	39lbs. (18Kg)
M 106:	35lbs. (16Kg)
M 106S:	39lbs. (18Kg)
M 120:	39lbs. (18Kg)
M 126:	39lbs. (18Kg)

PERFORMANCE CURVES

MODEL: M100T/106T/120T/126T (50/60 Hz)

