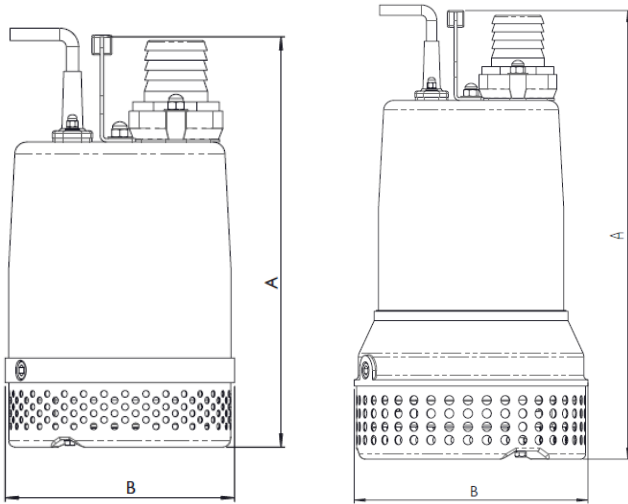




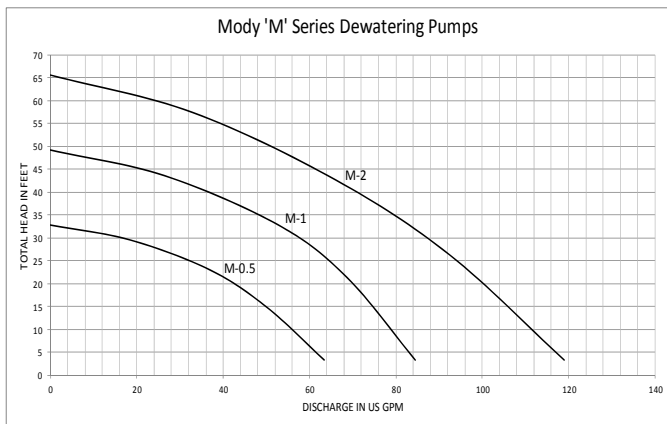
# mody ELECTRIC SUBMERSIBLE DRAINAGE PUMP

## M-0.5/M-1/M-2 SERIES 0.5HP(3.7kW) / 1HP(0.75kW) / 2HP(1.5kW)



MODEL	A		B	
	mm	in	mm	in
M 0.5	340	13.38	184	7.25
M 1	360	14.17	184	7.25
M 2	438	17.25	225	8.9

### PERFORMANCE CURVES



## M-0.5/M-1/M-2 SERIES

### MATERIALS OF CONSTRUCTION AND ENGINEERING DATA

#### MOTOR

2-pole induction **continuous rated** motor with squirrel cage rotor.  
 Stator insulation class 'F' (155°C), rated IP68.  
 Speed : 3450 RPM @ 60 Hz  
 Power Rating : 0.5HP/1HP/2HP @ 60 Hz Full Load  
 Current FLA: 5, 10, 20 Amps @ 115v.  
 Max. temperature of the pump liquid: 104°F/40°C  
 Max. start/stop per hour : 15

#### POWER SUPPLY

1 phase, 60 Hz, 115 AC Supply.

#### BALL BEARINGS

The rotor shaft is carried in two single row, deep groove ball bearings.  
 The bearings are enclosed with high temperature grease sealed for life.

#### POWER CABLE

Waterproof/oil proof, rubber-insulated, neoprene-sheathed copper conductor flexible cable, 20ft. (6m) length standard (M0.5/M1) and 33 feet on M2.  
 Type SJTW in North America.

#### SHAFT SEAL

Double Silicon Carbide/Silicon Carbide and Carbon/Ceramic Mechanical seals with External Oil Seal.

#### CORROSION RESISTANT

304 SS Outer Casing  
 304 SS Stator Casing  
 Cast Iron Diffuser  
 Shaft: Heat Treated 410 Stainless Steel  
 Hardware: 304 Stainless Steel  
 Impeller: Cast Iron  
 pH Range 5 - 8

#### STRAINER

304 Stainless Steel 1/4" (6mm) Round Holes

#### SUBMERGENCE

M0.5/M1 Submergence below liquid surface min 2" (52mm) max. 65' (20m).  
 M2 Submergence below liquid surface min 2.8" (71mm) max. 65' (20m).

#### WEIGHTS (Approx. without cable)

M 05: 28 lbs. (12.5Kg)  
 M 1: 31 lbs. (14Kg)  
 M 2: 52 lbs. (23.5Kg)



**PUMP SUPPLY**  
INCORPORATED