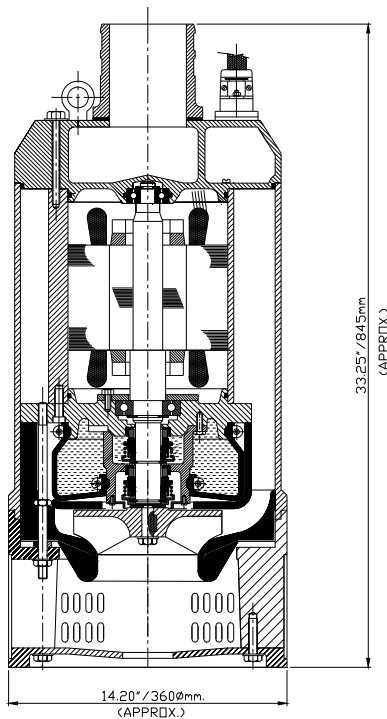




# mody ELECTRIC SUBMERSIBLE DRAINAGE PUMP

## G-700 SERIES 16HP (12kW)



## G-700 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 : 16HP @ 60 Hz, 12kW @ 50Hz Full Load  
 Current FLA: 22 Amps @ 460v. 25 Amps @ 400v.  
 Max. temperature of the pump liquid : 104°F/40°C  
 Max. start/stop per hour : 15  
 Star - Delta Starting Optional

#### POWER SUPPLY

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

#### BALL BEARINGS

Single row deep groove upper bearing. Double angular contact lower 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 or Control cable with thermal overloads optional.

#### SHAFT SEAL

Tandem Tungsten carbide/Tungsten carbide and Tungsten Carbide/Tungsten Carbide Mechanical seals wholly enclosed in an oil chamber.

#### CORROSION RESISTANT

Epoxy coated Steel Outer Casing  
 Epoxy coated Aluminum Stator Casing  
 Nitrile Rubber- Lined Diffuser/Wear plate.  
 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 1-3/16" (25.5mm) X 3/16" (5mm) {G 702}, 3/8" (10mm) Round Holes {G 706}

#### SUBMERGENCE

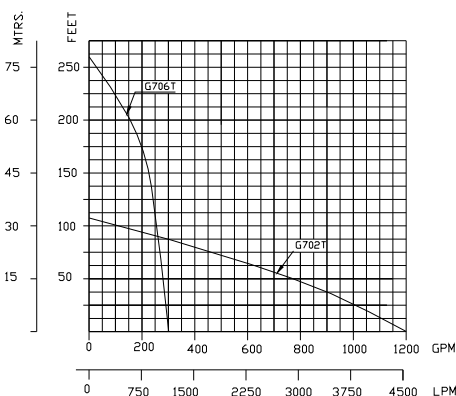
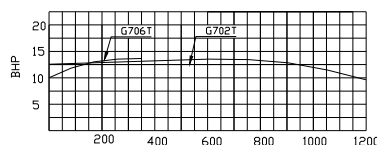
Submergence below liquid surface min 5" (127mm) max. 50' (15m).

#### WEIGHTS (Approx. without cable)

G 702: 280lbs. (127Kg)  
 G 706: 310lbs. (140Kg)

### PERFORMANCE CURVES

MODEL: G702T/G706T (50/60 Hz)



Due to continuous product development, specifications are subject to change without notice. 03.10.Rev.0