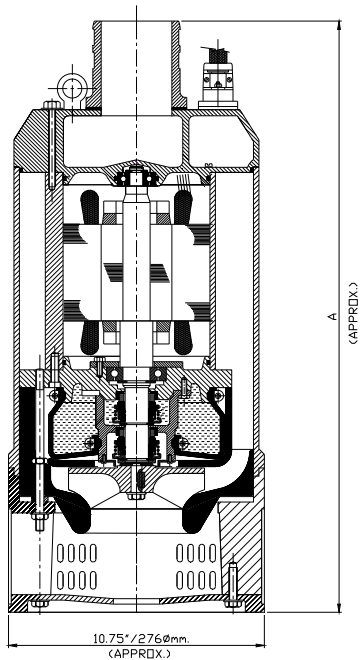


mody ELECTRIC SUBMERSIBLE DRAINAGE PUMP

G-500/530/550 SERIES 5HP(3.7kW) / 7.5(5.5kW) / 10HP(7.5kW)



MODEL	A
G-502	25-1/4" (640mm)
G-504	
G-506	
G-530	28-1/2" (725mm)
G-536	
G-554	29-1/2" (750mm)
G-556	

G-500/530/550 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 : 5HP/7.5HP/10HP @ 60 Hz, 3.7kW/5.5kW/7.5kW @ 50Hz Full Load
 Current FLA: 7.1, 11, 14 Amps @ 460v. 8.1, 12.5, 16 @ 400v.
 Max. temperature of the pump liquid: 104°F/40°C
 Max. start/stop per hour : 15

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

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/Wear plate. 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" (25mm) X 1/4" (6mm) {G 502/504},
 1-3/16" (30mm) X 3/8" (9.5mm) {G530/554},
 1/4" (6mm) Round Holes {G 506/536/556}

SUBMERGENCE

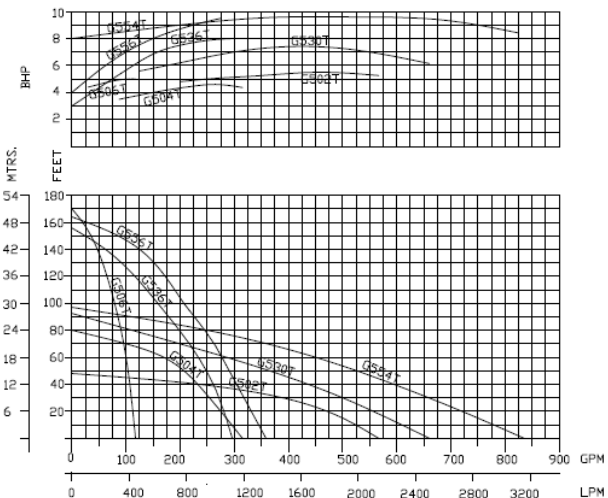
Submergence below liquid surface min 5" (127mm) max. 50' (15m).

WEIGHTS (Approx. without cable)

G 502/504:	110lbs. (50Kg)
G 506:	115lbs. (52Kg)
G 530:	130lbs. (59Kg)
G 536:	135lbs. (61Kg)
G 554:	142lbs. (64Kg)
G 556:	147lbs. (67Kg)

PERFORMANCE CURVES

MODEL: G 502/504/506/530/536/554/556 (50/60 Hz)



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

03.10 Rev.0