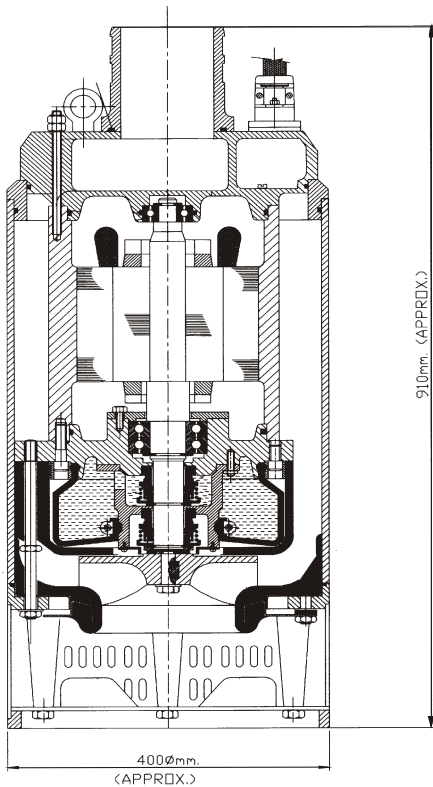


mody ELECTRIC SUBMERSIBLE DRAINAGE PUMP

G-800 SERIES 25 HP



G-800 SERIES

MATERIAL OF CONSTRUCTION AND ENGINEERING DATA

MOTOR (DOL-START/STAR-DELTA OPTIONAL)

2-Pole Induction Continuous rated motor with squirrel cage rotor.
 Stator insulation class 'F' (155°C)
 Speed : 2,850 RPM (approx.)
 Power Rating : 18.65 KW
 Current : 36 AMPS at 415 Volts
 Max. Temperature of the pump liquid : 40°C
 Max. Start/Stop per hour : 15
 Bi-metallic thermal switches are embedded in the stator windings which trip at high motor temperature.

POWER SUPPLY

415 V \pm 6%, 3 Phase, 50Hz \pm 3% A.C. Supply.
 All models are also available for any combination of voltage and frequency on special request.

BALL BEARINGS

The rotor shaft is carried in a single row, deep groove ball bearing (upper) and angular contact bearing (lower). The bearings are filled with high temperature grease containing special anti - corrosive additive ensuring no maintenance required for life.

POWER CABLE

Water proof / Oil proof, PVC insulated double sheathed, copper conductor flexible cable, 20 Mtrs. Long & of sizes as under :
 For DOL - start : Single run (4 core 6 sq. mm and 2 core 1sq. mm)
 For Star Delta : 7 core 4 sq. mm and 2 core 1sq. mm (Optional)
 The cable fitted with 1 mtr. long SS strain relief grip.

SHAFT SEAL

Twin mechanical seals in Tandem. Seal faces of Tungsten carbide v/s Tungsten carbide ensuring long life between service intervals & are wholly enclosed in pressure compensated oil chamber.

CORROSION RESISTANT

Epoxy coated mild steel outer casing - (also available in S.S.304-Optional)
 Aluminium Alloy Extruded Stator Casing - (also available in S.S.304-Optional)
 S.S.431 rotor shaft
 S.S. 410 Impeller (also available in S.S. 304-Optional)
 Nitrile rubber moulded Diffusor & Wear Plate

HARDWARE : S.S. 304

STRAINER

40 mm x 10 mm rectangular holes for G802TM - in S.S. 304
 12 mm round holes for Model G806TM - in S.S. 304

SUBMERGENCE

Submergence below liquid surface min 90 mm, max. 15 mtrs.

WEIGHT	G-802TM	G-806TM
Without cable :	160 kg.	170 kg.

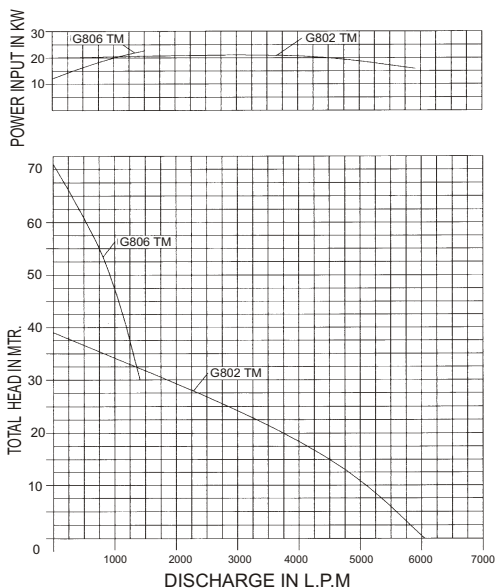
Pump is painted with Epoxy coating for longer life.
 Also available in Star - Delta start options.

(OPTIONAL ITEMS LISTED ARE AVAILABLE AT EXTRA COST)

Due to product development, specifications may be subject to change without notice.

25 HP PERFORMANCE CURVE

PUMP MODEL : G802TM/G806TM



mody

ELECTRIC SUBMERSIBLE DRAINAGE PUMP

G-800 SERIES

The pumps are portable & are intended to be used for pumping of water from :

- Construction sites
- Trenches
- Mines
- Power station
- Water supply
- Flooded Cellar
- Open sumps
- Tunnels
- Shipyards & ships
- Public utility works
- Fire fighting
- Aquaculture

Model G-802TM
 Outlet : 6" HOSE
 (FLANGE OPTIONAL)
 (HIGH VOLUME - LOW HEAD)

Model G-806TM
 Outlet : 4" HOSE
 (FLANGE OPTIONAL)
 (LOW VOLUME - HIGH HEAD)

Also Available : 1.5 hp TO 50 hp



G-800 DESIGN ADVANTAGES

- Built-in automatic ON/OFF thermal switches to protect the motor during over load.
- 431 St. Steel shaft and 410 St. Steel Impeller. All hardware are in 304 St. Steel for maximum corrosion resistance
- Choice of impeller materials :
 - 1) For abrassive applications, SS 410 hardened upto 52-55 HRC-Standard.
 - 2) For Sea water and Corrosive applications, SS 304 (Optional)
- Twin Seals in tandem of Tungsten Carbide v/s. Tungsten Carbide.
- Mechanical seals in wholly enclosed pressure compensated oil chamber to optimise seal life.
- Field adjustable nitrile rubber moulded Diffusor / Wear plate to optimise the efficiency throughout the life of pump
- Can be equipped with sacrificial Zinc Anodes for maximum life in saline fluid environment as well as an in-built non-return valve (Optional)



mody industries (F.C.) pvt. ltd.

Regd. Office & Factory :

Plot No. C-41, Road, # 34, Wagle Industrial Estate, Thane - 400 604.

Tel. : (022) 2581 1644, (022) 2582 3850 Fax : (022) 2582 8217

Email : sales@modypumps.com

Branch Office :

203, Bakshi House, 40-41 Nehru Place, New Delhi 110 019.

Tel.: (011) 2644 4668, 2622 9512 Fax : (011) 2646 4228

Website : www.modypumps.com