

mody ELECTRIC SUBMERSIBLE ALL STAINLESS STEEL PUMPS

G-702,802,906,1006 6" SS SERIES-60Hz

PORTABLE ELECTRIC
ALL STAINLESS STEEL
SUBMERSIBLE PUMPS FOR
CORROSIVE & ABRASIVE
APPLICATIONS

PH RANGE OF 2-10

.....

16 HP (12kW)

G 702T/SS

6"(150mm) NPT or Hose

.....

25 HP (19kW)

G 802T/SS

6"(150mm) NPT or Hose

.....

35 HP (26kW)

G 906T/SS

6"(150mm) NPT or Hose

.....

58 HP (43kW)

G 1006T/SS

6"(150mm) NPT or Hose

DESIGN ADVANTAGES

- Available in all Stainless Steel materials for corrosive and abrasive applications. These pumps are capable of handling contaminated fluids typical at most landfills, nuclear power plants, mines, paper & pulp industries.
- Slimline Design with centerline discharge to meet the demands of the most critical applications.
- Choice of impeller materials:
 - 1) 316 Stainless Steel for sea water and corrosive applications and;
 - 2) Nitride Hardened 410 Stainless Steel for abrasive applications. (Standard)
- Choice of Mechanical Seals:
 - 1) Tandem Mechanical Seals, TC/TC (+ ph 5) and;
 - 2) Tandem Mechanical Seals, SC/SC (- ph 5) (Standard)



Illinois Location:

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860 Church Rd Elgin, IL 61

Minnesota Location:

(651) 758-7867
330 Mill Bay South Suite:
Afton, MN 55001

PumpSupplyInc.com



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Materials of Construction and Engineering Data

| STANDARD CONSTRUCTION | |
|-----------------------|-----------------|
| Top Discharge Outlet | 316SS |
| Outer Casing | 316SS |
| Stator Casing | 316SS |
| Strainer | 316SS |
| Wear Plate | Nitrile Lined * |
| Diffuser Assembly | Nitrile Lined * |
| Impeller | 410SS |
| Sand Guard | 316SS |
| Shaft | 431SS |
| Tandem Mech Seals | SC/SC |
| O-Rings & Elastomers | Viton® |
| Exposed Hardware | 316SS |
| Cable Type | EPR |
| Oil | Food Grade |
| Ball Bearing Types | Radial/Angular |

* 316SS Nitrile Lined standard on G1006

PUMP

- A removable Top Discharge Outlet, cast/fabricated male NPT is standard on all pump models, hose outlet is optional.
- External Sand Guard behind the Impeller prevents sand/debris from damaging mechanical seal face.
- Field adjustable Diffuser / Wear Plate optimizes the efficiency throughout the life of the pump.

MOTOR

Continuous Duty Rated Squirrel Cage Induction Motor rated IP68 completely submersible, Class H Insulation (180°C) tripple dipped and epoxied end windings.
 Speed: 3400 RPM @ 60Hz
 Maximum temperature of pump liquid: 104°F/ 40°C
 Maximum Start/Stop per hour: 15

POWER SUPPLY

3 phase, 60 Hz. AC Supply. Available in any voltage / frequency combination. (380/415/460/575/100V)

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.

SHAFT SEAL

Tandem SC/SC & SC/SC Upper and lower mechanical seals wholly enclosed in a pressure compensated oil chamber. TC/TC are optional.

POWER CABLE

Waterproof/oil proof, rubber-insulated, neoprene-sheathed copper conductor flexible cable, 50ft, (15m) length (standard).

CABLE ENTRY SEAL

Water Dam type cable entry seal designed without Silicones or Epoxies.

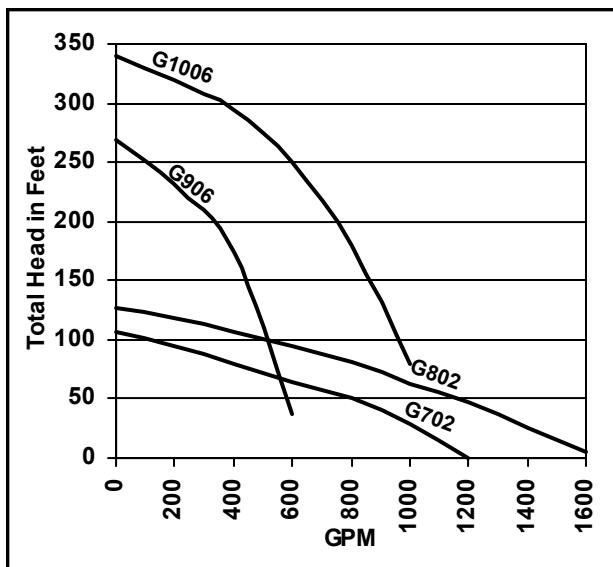
CABLE STRAIN RELIEF

Three foot long stainless steel cable sheath terminated at the cable gland is provided for strain relief on all pump models.

SUBMERGENCE

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

PERFORMANCE CURVES



| MODEL | MOTOR | | CURRENT AMPS | DIMENSIONS** | | STRAINER HOLE SIZE** | WEIGHT * |
|-----------|----------|----|--------------|--------------|--------|----------------------|----------|
| | HP | Ph | | H | W | | |
| | SLIMLINE | | 230/460V | | | | Lbs. |
| G702T/SS | 16 | 3 | 44 / 22 | 33-1/4 | 14-1/5 | 1-3/16 x 3/16 | 370 |
| G802T/SS | 25 | 3 | 64 / 32 | 36 | 15-3/4 | 1-9/16 x 3/8 | 535 |
| G906T/SS | 35 | 3 | NA / 44 | 40-1/2 | 15-3/4 | 3/8 | 690 |
| G1006T/SS | 58 | 3 | NA / 64 | 41-1/2 | 17-1/3 | 1/2 | 839 |

* Weights (Approx. Without Cable)

** All Dimensions are in inches