

# *mody* ELECTRIC SUBMERSIBLE ALL STAINLESS STEEL PUMPS

## G-500/706/806 4" SS SERIES-60Hz

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

PH RANGE OF 2-10

**5 HP (3.7kW)**

G 502T/SS

4" (100mm) NPT or Hose

**7.5 HP (5.5kW)**

G 530T/SS

4" (100mm) NPT or Hose

**10 HP (7.5kW)**

G 554T/SS

4" (100mm) NPT or Hose

**16 HP (12kW)**

G 706T/SS

4" (100mm) NPT or Hose

**25 HP (19kW)**

G 806T/SS

4" (100mm) 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.
- Slim-line 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:

(847) 841-7867

860 Church Rd Elgin, IL 61

### Minnesota Location:

(651) 758-7867

330 Mill Bay South Suite :  
Afton, MN 55001

PumpSupplyInc.com



# mody ELECTRIC SUBMERSIBLE ALL STAINLESS STEEL PUMPS

## -500/706/806 4" SS SERIES-60Hz

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

\* Nitride Lined standard on G706 & G806

### 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. 208/220/230/460/575/1000V)

### BALL BEARINGS

500 Series - Rotor rotates on two single row, deep groove ball bearings  
700 Series & higher - Single row deep groove upper bearing. Double angular contact lower bearings. 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.

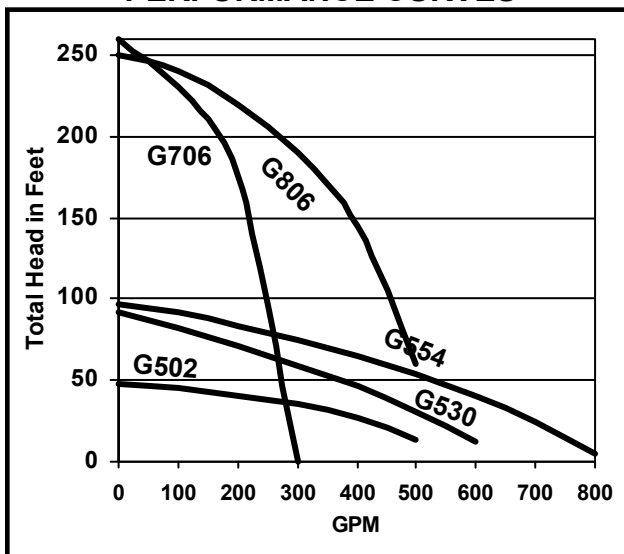
### CABLE STRAIN RELIEF

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	WEIGHT *
	HP	PH		H	W		
			230/460V			HOLE SIZE **	Lbs.
G502T/SS	5	3	14.2 / 7.1	25-1/4	10-3/4	1 x 1/4	160
G530T/SS	7.5	3	22 / 11	28-1/2	10-3/4	1-3/16 x 3/8	180
G554T/SS	10	3	28 / 14	29-1/2	10-3/4	1-3/16 x 3/8	200
G706T/SS	16	3	44 / 22	33-1/4	14-1/5	3/8	380
G806T/SS	25	3	68 / 34	36	15-3/4	3/8	540

\* Weights (Approx. Without Cable) \*\* Dimensions are in inches