



# mody ELECTRIC SUBMERSIBLE ALL STAINLESS STEEL PUMPS

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

### 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.

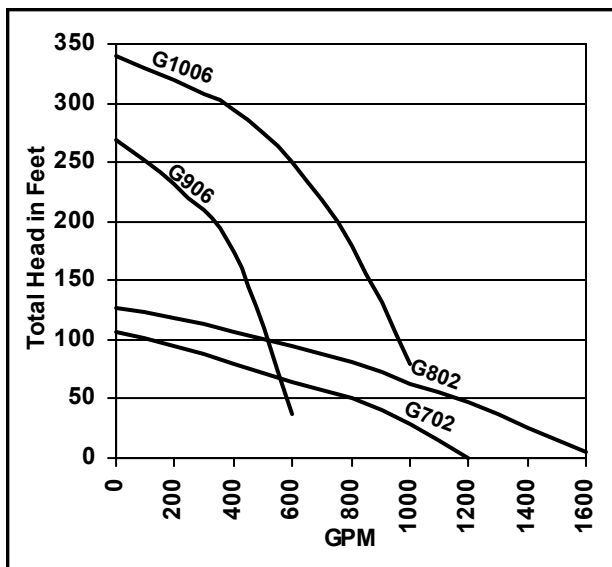
#### CABLE STRAIN RELIEF

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