

mody
Pumps

MODY SUBMERSIBLE PUMP					
MODEL #		VERSION			
MOTOR DATA					
VOLTS	460	KW	7.5	HP	10
AMPS	14	Hz	50	RPM	3450
PHASE	3	I.P. No.	10	INS.	H
SR. #		10		CE	
Mfd. for		PS INC.		U.S.A.	
2160 ZEUS COURT					

50 Hz

ELECTRIC SUBMERSIBLE DRAINAGE PUMPS



SERVICING THE DEWATERING, MINING & WASTEWATER MARKETS

PUMPING SINCE 1957

Our Roots

The Mody Pumps® heritage began in 1957 with our beloved patriarch, D.N. Mody. He, by dint of genius, will, and innovative spirit, became the first local manufacturer of 4" and 6" submersible turbine pumps in India. The product range then grew to include a full line of submersible, sludge, and water pumps. Then, as now, and through the decades in between, D.N. Mody's zeal for artisanship defined Mody Pumps®. Looking forward, we preserve the same mandate to make and support the most suitable pump for the customer's needs.

In 1996, Mody Pumps® began its global journey in earnest from assembly and sales facilities in Bakersfield, California. Since then, manufacturing, testing, assembly, service, and repair activities have grown in our plants and offices in India, the U.S., Europe and in an expanding family of affiliates worldwide. Our distribution network has strengthened, both in numbers and in the nature of relationships with our distributors. We have boosted after-sales support by developing and nurturing a rising count of qualified service centers all over the world.

Facilities

Mody Pumps®, Inc. maintains headquarters in Bakersfield, California. These offices, warehouse, and test center sit just 110 miles north of Los Angeles, along major North American transport corridors.

Mody Pumps® (India) Pvt. Ltd. operates its manufacturing plant in Metro Mumbai in the Indian state of Maharashtra. Positioned as it is within a densely industrial zone of multinational enterprises, the factory enjoys easy access to road, rail, sea, and air carriage links. Rigorous, leading-edge procedures subject pumps of up to 150hp to performance testing at both 50Hz and 60Hz, and in virtually any voltage combinations.

In 2012, Mody Pumps® Sales & Service Pvt. Ltd. was formed to support all local sales and maintenance contracts on the Indian subcontinent. Another addition to the Mody Pumps® complex in Metro Mumbai is the Machine Shop that includes CNC Turning Centers and Vertical Turning Lathes, and employs the latest Dassault SolidWorks 3D CAD/CAM software for product design, analysis, and data management. **Represented worldwide through stocking distributors, the Mody Pumps® family is growing each day. Give us a chance to develop a mutually rewarding relationship. Call, fax or e-mail us today.**

Dewatering

Mody Pumps® have fulfilled dewatering goals for over half a century now. Across the globe, our pumps continue to meet ever harsher demands for groundwater control in many markets:

Agriculture
Construction
Landfills
Marine-Aquaculture
Mining
Municipalities
Power Plants
Rental Fleets
Tunneling



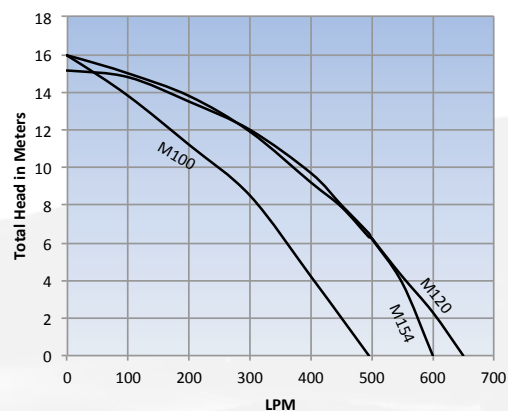
Our Goal

We aim to build and sustain every pump to achieve its intended use at a legitimate cost. As we grow and widen our reach, we continue to find the best rewards when we keep the customer at the core of our work. So while a keen eye on the market is vital to our growth, our focus chiefly rests on making the value of our product endure for you, our customer. Whenever you need us, you will find us. And we will be more driven than you in getting the answers that will help you best.

MODY SLIMLINE CONTRACTOR / SIDE DISCHARGE SERIES - 50 HZ

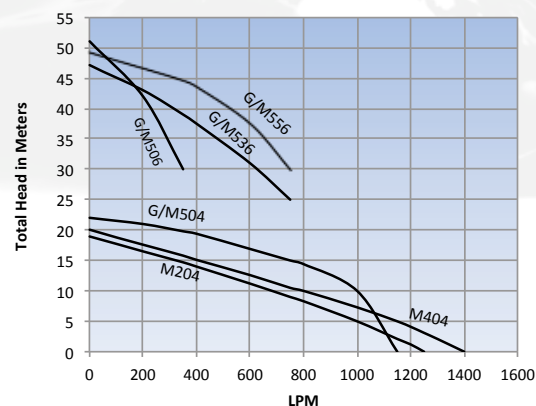
50 mm DISCHARGE SIZE (BSPT, NPT or HOSE)

MODEL	MOTOR		CURRENT AMPS	DIMENSIONS**		STRAINER	WEIGHT *
SLIMLINE	kW	PH	1Ø 230V 3Ø 400V	H	W	HOLE SIZE**	kg.
M100T	1	3	2.3	419.1	158.8	6.3	16
M100S/T	1	1	10	425.5	158.8	6.3	18
M120T	1.5	3	3.9	431.8	158.8	6.3	18
M154T	1.5	3	4.4	641.4	190.5	6.3	28
M154S/T	1.5	1	12	666.8	190.5	6.3	35



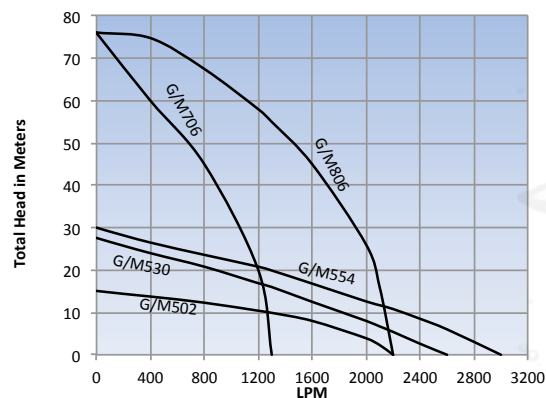
80 mm DISCHARGE SIZE (BSPT, NPT or HOSE)

MODEL	MOTOR		CURRENT AMPS	DIMENSIONS**		STRAINER	WEIGHT *
SLIMLINE	kW	PH	1Ø 230V 3Ø 400V	H	W	HOLE SIZE**	kg.
M204T	2.2	3	5.5	667	191	6	35
M204S/T	2.2	1	19	724	191	6	40
M404T	3	3	5.5	699	191	6	36
G504T	3.7	3	8.1	640	276	25 x 6	50
G506T	3.7	3	8.1	640	276	6	52
G536T	5.5	3	12.5	725	276	6	61
G556T	7.5	3	16	750	276	6	67
SIDE DISCHARGE	kW	PH	400V	H	W	HOLE SIZE**	kg.
M504T	3.7	3	8.1	750	330	25 x 6	50
M506T	3.7	3	8.1	750	330	6	52
M536T	5.5	3	12.65	825	330	30 x 9.5	61
M556T	7.5	3	16	850	330	6	67



100 mm DISCHARGE SIZE (BSPT, NPT or HOSE)

MODEL	MOTOR		CURRENT AMPS	DIMENSIONS**		STRAINER	WEIGHT *
SLIMLINE	kW	PH	400V	H	W	HOLE SIZE**	kg.
G502T	3.7	3	8.1	640	276	25 x 6	50
G530T	5.5	3	12.5	725	276	30 x 9.5	59
G554T	7.5	3	16	750	276	30 x 9.5	64
G706T	12	3	25	845	360	10	140
G806T	19	3	39	915	400	10	186
SIDE DISCHARGE	kW	PH	400V	H	W	HOLE SIZE**	kg.
M502T	3.7	3	8.1	750	330	25 x 6	50
M530T	5.5	3	12.5	825	330	30 x 9.5	59
M554T	7.5	3	16	850	330	30 x 9.5	64
M706T	12	3	25	915	405	10	147
M806T	19	3	39	973	470	10	193

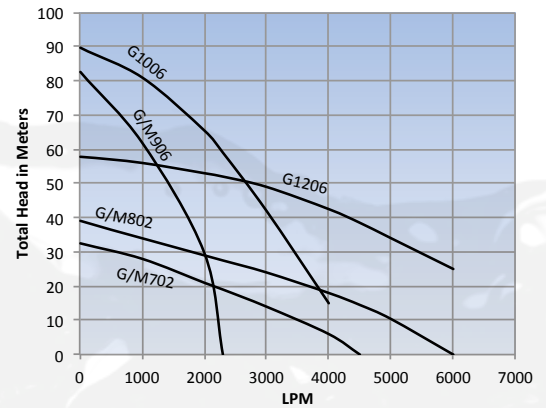


* Weights (Approx. Without Cable)

** All Dimensions are in mm

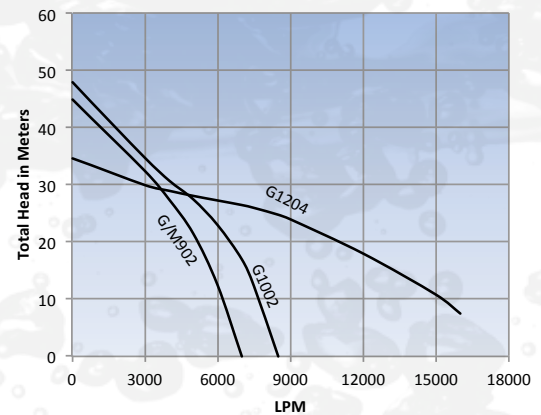
150 mm DISCHARGE SIZE (BSPT, NPT or HOSE)

MODEL	MOTOR		CURRENT AMPS	DIMENSIONS**		STRAINER	WEIGHT *
SLIMLINE	kW	PH	400V	H	W	HOLE SIZE**	kg.
G702T	12	3	25	845	360	25.5 x 5	127
G802T	19	3	39	915	400	25.5 x 10	180
G906T	26	3	51	1029	400	10	238
G1006T	37	3	62	1055	440	13	385
G1206T	55	3	105	1538	776	15 x 45	600
SIDE DISCHARGE	kW	PH	400V	H	W	HOLE SIZE**	kg.
M702T	12	3	25	915	405	25.5 x 5	136
M802T	19	3	39	973	470	25.5 x 10	186
M906T	26	3	51	1100	508	10	245



200/250 mm DISCHARGE SIZE (BSPT, NPT or HOSE)

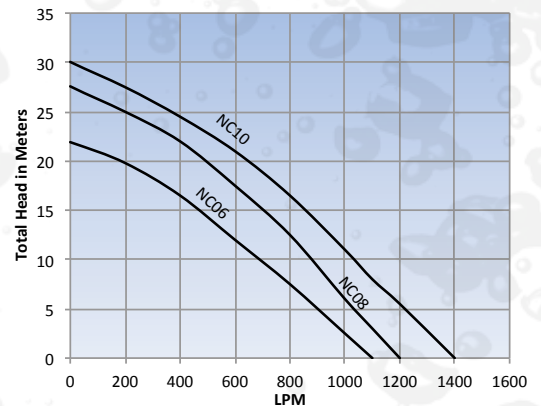
MODEL	MOTOR		CURRENT AMPS	DIMENSIONS**		STRAINER	WEIGHT *
SLIMLINE	kW	PH	400V	H	W	HOLE SIZE**	kg.
G902T	26	3	51	1029	400	25.5 x 10	232
G1002T	37	3	62	1055	400	25.5 x 10	248
G1204T	55	3	105	1538	776	15 x 45	600
SIDE DISCHARGE	kW	PH	400V	H	W	HOLE SIZE**	kg.
M902T	26	3	51	1100	508	25.5 x 10	238



MODY NON-CLOG SLUDGE SERIES - 50 HZ

100mm DISCHARGE SIZE (FLANGE)

MODEL	MOTOR		CURRENT AMPS	DIMENSIONS**		SOLID HANDLING	WEIGHT *
NON-CLOG	kW	PH	400V	H	W	MAX SIZE**	kg.
NC 06	4.5	3	11	750	419	65	66
NC 08	6	3	13.8	787	419	65	74
NC 10	7.5	3	16	800	419	65	77



Slimline



Side Discharge



Non-Clog



Submersible Wastewater Pump Association



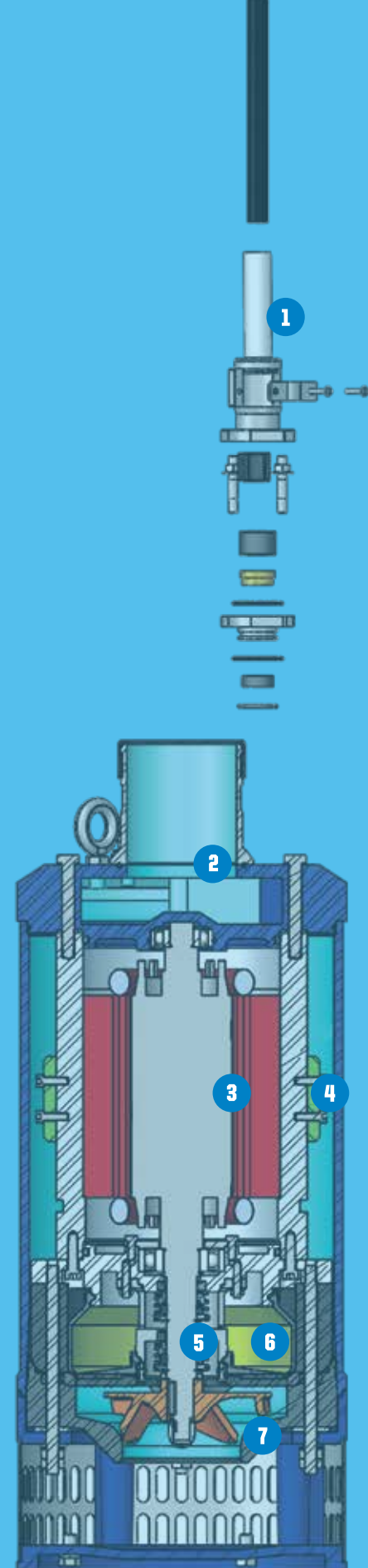
MODY'S DESIGN ADVANTAGES & MATERIALS OF CONSTRUCTION

- 1 All Mody Dewatering pumps use a 'water dam' sealing arrangement wherein the outer jacket (OD) of the cable is sealed using a grommet and the individual leads of the cable are sealed using a second compression grommet. This arrangement precludes the fluid from 'wicking' down into the motor in the event the outer jacket on the cord gets cut. We do NOT use silicones/epoxies. For demanding applications a three foot long stainless steel sheath protects the power cable.
- 2 Built-in Automatic ON/OFF/ON Thermal Overload switches wired directly to built-in contactor are standard on the Side Discharge Series. Thermal Protection is optional on the Slimline Series when wired to external control box. Built-in Moisture Sensor that detects progressive seal wear which automatically shuts down the pump is optional on the Side Discharge and NC Series.
- 3 Continuous Duty rated "H" Class, triple-dipped and epoxied Heavy-duty Motors. Available in any voltage/frequency combinations.
- 4 Equipped with Sacrificial Zinc Anodes for maximum life in a Saline fluid environment.
- 5 Tandem Mechanical Seals on all pump series, include Tungsten Carbide faces.
- 6 Mechanical Seals are all enclosed in pressure compensated oil bag / chamber.
- 7 Field adjustable Nitrile Rubber Lined Diffuser/Wear Plate. Also available with Polyurethane.

MATERIALS OF CONSTRUCTION

Components	Slimline / Side Discharge	SS Series	Non-Clog
Outer Casing	Alum./Steel	316SS	N/A
Stator Casing	Alum.	316SS	Alum.
Strainer/Volute	304SS	316SS	304SS
Wear Plate	Nitrile-lined	316SS	Nitrile-lined
Diffuser	Nitrile-lined	316SS*	N/A
Impeller	410SS	410SS	410SS
Shaft	431SS	431SS	431SS
Tandem Mech Seals	TC/TC	SC/SC	TC/TC
O-Rings	Nitrile	Viton®	Nitrile
Hardware	304SS	316SS	304SS
Cable Type	S00W	S00W	S00W
Oil	Food Grade	Food Grade	Food Grade
Ball Bearing Types	Radial/Angular	Radial/Angular	Radial/Angular

*Not available in all pump models.



Control Panels

- Factory-approved NEMA 3R/4X Outdoor watertight UL-Listed Control Boxes
- On/Off, Short-circuit and Locked-Rotor Protection
- Single-Phase and Three-Phase in any Phase or Voltage Configuration
- Simplex Pump Panels
- Duplex Pump Panels
- Alarm Systems, Auto Dialers, Soft start, Electronic Alternations, Automatic Level Control, Thermal and Seal Probe Sensor options
- Custom-built Options available

Polyurethane lined Diffusers / Wear Plates

Many of the pump components, as an option, can be lined with Polyurethane, a thermoplastic that is rigid and smooth with a sealed, water-impermeable surface. This presents an excellent alternative for applications with fine abrasive particles and/or corrosive fluids.

Special Coating

Blue Seal-Glass filled elastomer modified epoxy-vinyl-ester coating system. Excellent adhesion and resistant to corrosive wastewater, harsh chemicals and sea water.

Submersible Cable - Various Types, Sizes and Lengths - Made in USA

- Jacketed Type SOOW, Type W Round, 90°C 600/2000 V, UL/CSA Portable Cord
- Temperature Range: -40° C to +90° C
- Fully Annealed Stranded Bare Copper
- Excellent resistance to oil and moisture
- High flexibility
- Excellent abrasion resistance
- UL-Listed, CSA-Certified and MSHA-Approved
- Call Mody Pumps® Customer Service for more details



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