

mody

**ELECTRIC
SUBMERSIBLE
DRAINAGE
PUMPS**

50Hz



**mody
Pumps**

About Mody Pumps, Inc.

The Initial Start in India

The roots of Mody Pumps®, Inc. began in India in 1957, almost 50 years ago by D.N. Mody; a successful businessman in a variety of enterprises. The subcontinent had gone through a tumultuous period, British rule and subsequent partition. There was a lack of basic necessities in almost all areas, water being one of them. Mr. Mody, recognizing the acute shortage of water pumps, began importing submersible and jet pumps from the U.K. Due to high import tariffs and the depreciating value of the local currency, he was forced to begin manufacturing his own pumps and motors. Back in the 60's Mody was the first local manufacturer to make both 4" & 6" submersible turbine pumps, which ultimately led to a full line of submersible dewatering, sludge and wastewater pumps.

One of the Fastest Growing Manufacturers Worldwide....

Mody Pumps®, Inc. is one of the fastest growing submersible pump manufacturers worldwide. We draw from almost half a century of experience in the submersible pump industry to deliver products that embody superior quality, reliability, peerless customer service and solid after-sales support. We serve the dewatering, municipal, industrial, marine, rental and waste management markets by offering a complete range of dewatering pumps and a full line of wastewater and sewage pumps.

SERVING

THE DEWATERING MARKETS

Established now for Worldwide Distribution....

Mody Pumps®, Inc. manufacturing and corporate facilities are located in Bakersfield, California USA. The Bakersfield operation started in 1996 by focusing and growing the business through a distribution network. Today, Mody Pumps has a worldwide presence with manufacturing and sales facilities in the USA, India, and Europe. Most important, a Mody network of qualified distributors/service centers has been established throughout the world.

Mody Pumps®, Inc. maintains the most discerning quality standards. A single technician assembles each pump and certifies the end product before it undergoes witnessed hydraulic performance testing. All Mody pumps comply with ISO 9001 standards and are CE-marked for the EU market. For Canada, Mody pumps are CSA-certified. Above all, we at Mody Pumps, Inc. subject not only our products, but also our customer service, to rigorous and unremitting evaluation.

MISSION

To produce quality submersible pumps for moving water and wastewater safely and efficiently, at a reasonable price, backed by superior customer service, with a firm commitment to continually improve in meeting the challenges of the ever changing global market environment.

"Quality Submersible Pumps and Service Worldwide at a Fair Price"

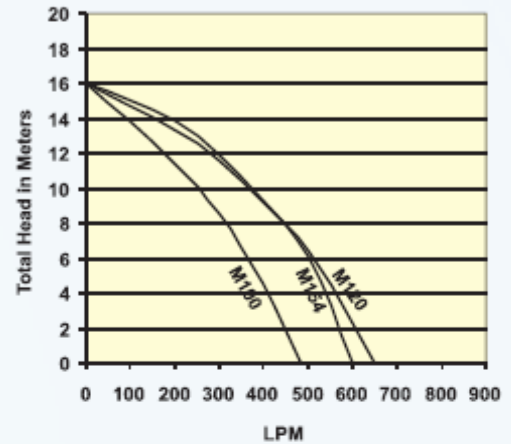


SUBMERSIBLE DRAINAGE

Mody Slimline Contractor / Industrial Side Discharge Series - 50 Hz

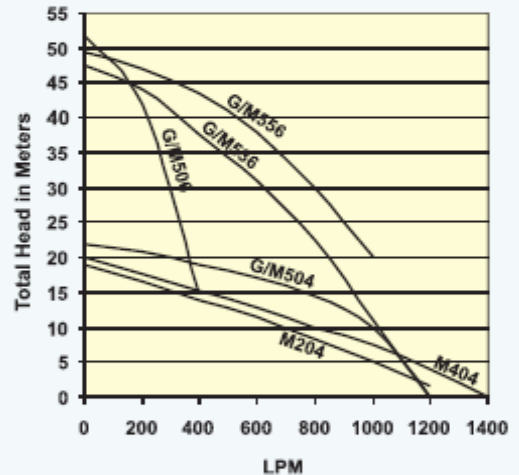
2" Discharge Size - NPT, BSPT or HOSE

MODEL	MOTOR		CURRENT AMPS	DIMENSIONS**		STRAINER	WEIGHT *
	kW	ph		H	W		
SLIMLINE			1Ø 230V 3Ø 400V			HOLE SIZE**	kg.
M 100 T	1	3	2.3	419.1	158.8	6.3	16
M 100 S/T	1	1	10	425.5	158.8	6.3	18
M 120 T	1.5	3	3.9	431.8	158.8	6.3	18
M 154 T	1.5	3	4.4	641.4	190.5	6.3	28
M 154 S/T	1.5	1	12	666.8	190.5	6.3	35



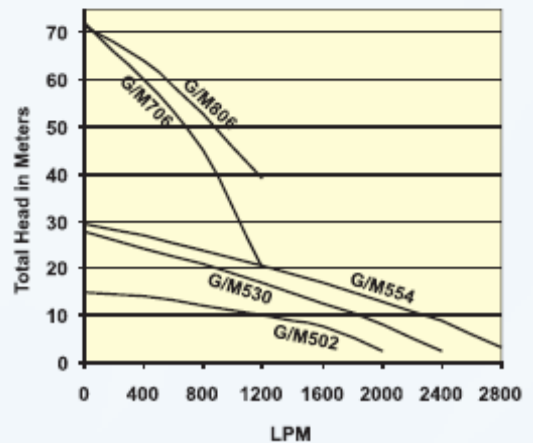
3" Discharge Size - NPT, BSPT or HOSE

MODEL	MOTOR		CURRENT AMPS	DIMENSIONS**		STRAINER	WEIGHT *
	kW	ph		H	W		
SLIMLINE			1Ø 230V 3Ø 400V			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
INDUSTRIAL	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	12.5	825	330	30 x 9.5	61
M556T	7.5	3	16	850	330	6	67



4" Discharge Size - NPT, BSPT or HOSE

MODEL	MOTOR		CURRENT AMPS	DIMENSIONS**		STRAINER	WEIGHT *
	kW	ph		H	W		
SLIMLINE			400V			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
INDUSTRIAL	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



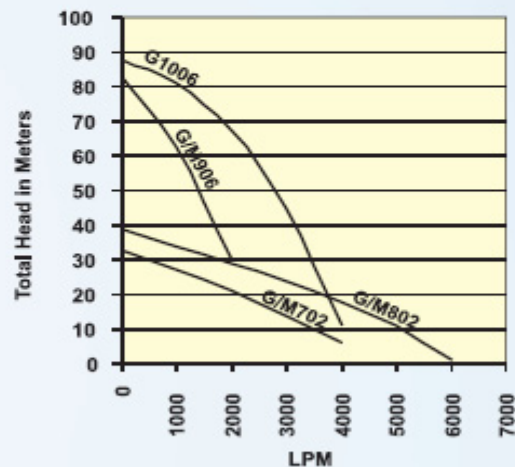
* Weights (Approx. without Cable) **All Dimensions are in mm

PUMPS



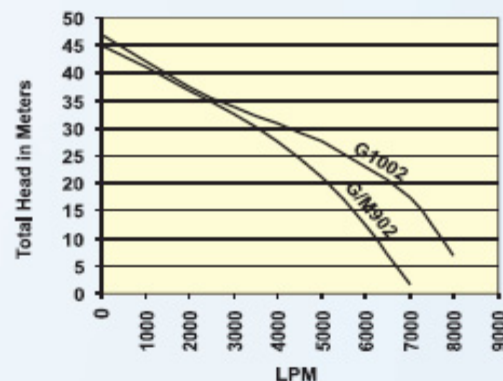
6" Discharge Size - NPT, BSPT or HOSE

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
INDUSTRIAL	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



8" Discharge Size - NPT, BSPT or HOSE

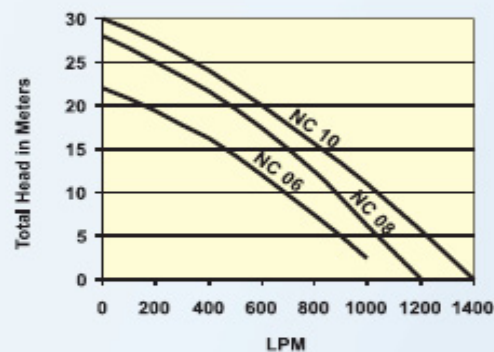
MODEL	MOTOR		CURRENT AMPS	DIMENSIONS**		STRAINER	WEIGHT *
SLIMLINE	kW	ph	400V	H	W	HOLE SIZE**	kg.
G902T	26	3	51	1029	400	25,5 x 10	232
G1002T	37	3	62	1055	400	25,5 x 10	248
INDUSTRIAL	kW	ph	400V	H	W	HOLE SIZE**	kg.
M902T	26	3	51	1100	508	25,5 x 10	238



Mody Non-Clog Sludge Series - 50 Hz

4" Discharge Size - NPT, BSPT or HOSE

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

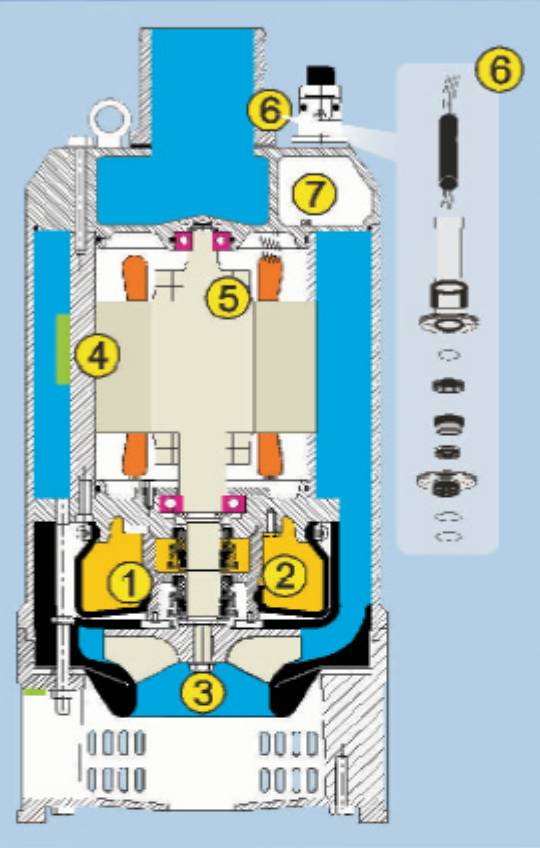


* Weights (Approx. without Cable) **All Dimensions are in mm



Mody's Design Advantages & Materials of Construction

1. Tandem Mechanical Seals on all pump series, include Tungsten Carbide faces.
2. Mechanical Seals are all enclosed in pressure compensated oil bag / chamber.
3. Field adjustable Nitrile Rubber Lined Diffuser/Wear Plate. Also available with Polyurethane.
4. Equipped with Sacrificial Zinc Anodes for maximum life in a Saline fluid environment.
5. Continuous Duty rated "H" Class, triple-dipped and epoxied Heavy-duty Motors. Available in any voltage/frequency combinations.
6. 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.
7. Built-in Automatic ON/OFF/ON Thermal Overload switches wired directly to built-in contactor are standard on the Industrial 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 Standard on the NC Series and optional on the Industrial Pump Series.



MATERIALS OF CONSTRUCTION

Components	Slimline/ Industrial	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



Controls & Accessories

Control Panels

- Factory approved Outdoor watertight Control Boxes, meet local regulations
- On/Off, Short circuit and Locked Rotor Protection
- Single Phase and Three Phase in any Phase or Voltage Configuration
- Simplex and Duplex Pump Panels
- Alarm systems, Auto Dialers, Soft Start, Electronic Alternations, Automatic Level control, Thermal and seal 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 surface impermeable to water, an excellent alternative for applications with fine abrasive particles and/or corrosive fluids.

Special Coating

- 3M Scotchkote™, 134 Fusion Bonded Epoxy Coating Excellent adhesion and resistant to corrosive wastewater, harsh chemicals, sea water and abrasive fluids.

Submersible Cable - Various Types, Sizes and Lengths

- Type SOOW in North America, EPR in the Middle East and HO7RN in the EU.
- Excellent resistance to oil and moisture
- High flexibility
- Excellent abrasion resistance
- Meet local regulations
- Call Mody Customer Service in your area for additional information

MODY PUMPS INC. LOCATIONS

INDIA

Manufacturing and
Sales Office

Mody Pumps (India) Pvt. Ltd.

Plot # D25/2, H.P. Pipe Rd. Turbhe, New Bombay, MH 400705
Tel: +91 (22) 6451.5685 • Fax: +91 (22) 2768.3300
Email: indiasales@modypump.com



CORPORATE

HEADQUARTERS
Manufacturing and
Sales Office

Mody Pumps®, Inc.

2166 Zeus Court, Bakersfield, CA 93308 USA
Tel: +1 (661) 392.7600 • Fax: +1 (661) 392.7601
Toll Free (888) 900.6639
Email: sales@modypump.com

EUROPE

Manufacturing and
Sales Office

Mody Pumps (Europe)

Newtonstraat 21, 4004KE, Tiel, The Netherlands
Tel: +31 (344) 695.110 • Fax: +31 (344) 695.669
Email: europesales@modypump.com



Visit us at: <http://www.modypump.com>