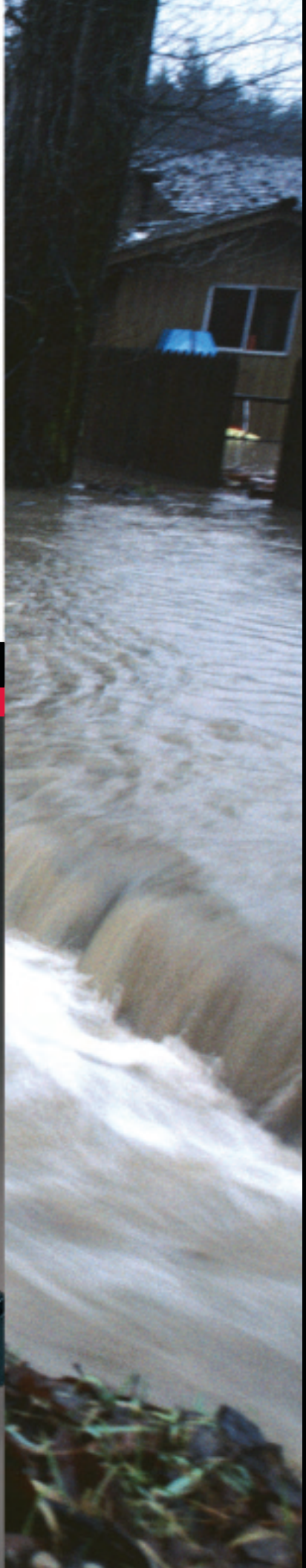




**PUMPS**



*Lift Power to Move Liquids... FAST.*





## *When you buy MMD Equipment, you get much more.*

The cornerstone of a great buying experience is a high-quality product. But to maximize your productivity and income, you need more than just a machine. That's why MMD Equipment is committed to adding value in every aspect of our business relationship. With every MMD Equipment product you purchase we stand behind our **PROVEN PERFORMANCE, FLEXIBLE FINANCING, SERVICE** and **EXPERIENCE.**

## **SUBMERSIBLE PUMPS**

### *Remove Water Fast... And Keep Projects Moving Faster.*

MMD Equipment submersible pumps remove water fast to keep all of your projects moving quickly. In fact, MMD Equipment submersible pumps are the best choice when you need to move high volumes of liquid without worrying about suction-lift limitations, engine fumes or refueling costs. And all of our contractor-series submersible pumps are designed to be lightweight, rugged and efficient to provide an excellent return on your investment. Our pumps will continue working to build your bottom line long after other pumps have stopped.

### *Quality Components*

- Thermal overload protection protects pump from overheating.
- Stainless steel motor shaft increases motor life.
- Double oil-filled silicon carbide seal allows intermittent dry operation and longest life.
- Capacitor-start motors.
- Extra-long power cords for extended reach.

### *Versatile BTR Series*

- The BTR-400S and both the 120-Volt and 230-Volt BTR-750S 2" submersible pumps are capable of pumping at high heads and will fit into standard 8" pipe casing.
- The BTR-1500S 3" submersible pump will move nearly twice as much water as our 2" pumps. An internal voltage selector circuit board allows you to use this pump from either 120V or 240V power sources.

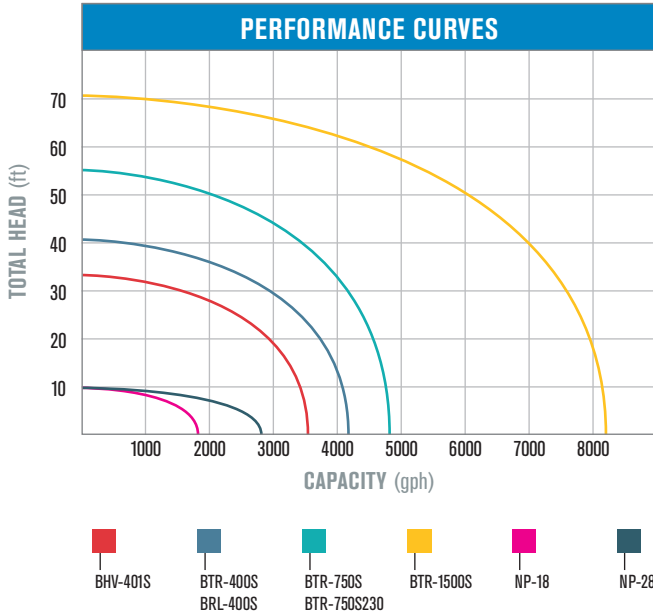
### *BHV Model Handles Solids*

- The rugged BHV-401S is a true submersible trash pump that will handle 1" solids.

### *Light-Duty NP Series*

- NP-18 and NP-28 pumps electronically monitor water levels and stop when the water has been removed. After detecting as little as 1" of rising water, the monitoring system will automatically restart the pumps.
- Pump body is made from lightweight yet durable thermoplastic that will not rust or corrode in fresh or salt water.
- Feather-light units are easy to handle and won't scratch other surfaces — great for draining hot tubs, pools or pool covers.

## PERFORMANCE CURVES



	BHV-401S	BTR-400S	BTR-750S	BTR-750S230
<b>PUMPS</b>				
Size	2 in	2 in	2 in	2 in
Maximum Head	33 ft	41 ft	55 ft	55 ft
Maximum Delivery	3,600 gph	4,200 gph	4,800 gph	4,800 gph
Horsepower	1/2 hp	1/2 hp	1 hp	1 hp
Voltage	120V	120V	120V	230V
Solid Size	1 in	.25 in	.25 in	.25 in
Diameter	10 in	7 in	7.2 in	7.2 in
Height	15 in	12.8 in	15.3 in	15.3 in
Auto Shutdown	Thermal Cutoff	Thermal Cutoff	Thermal Cutoff	Thermal Cutoff
Dry Weight	26 lbs	24 lbs	33 lbs	33 lbs



	BRL-400S	BTR-1500S	NP-18	NP-28
<b>PUMPS</b>				
Size	2 in	3 in	3/4 in	1-1/2 in
Maximum Head	55 ft	71 ft	10 ft	10 ft
Maximum Delivery	4,800 gph	8,240 gph	1,800 gph	2,800 gph
Horsepower	1 hp	2 hp	N/A	N/A
Wattage	N/A	N/A	100W	100W
Voltage	230V	120/240V	110V	110V
Solid Size	.25 in	.31 in	Filter Screen	Filter Screen
Diameter	7.2 in	10.5 in	4.9 in	4.9 in
Height	15.3 in	25 in	7.75 in	8.25 in
Auto Shutdown	Thermal Cutoff	Thermal Cutoff	Computer Chip	Computer Chip
Dry Weight	33 lbs	75 lbs	3 lbs	5.5 lbs



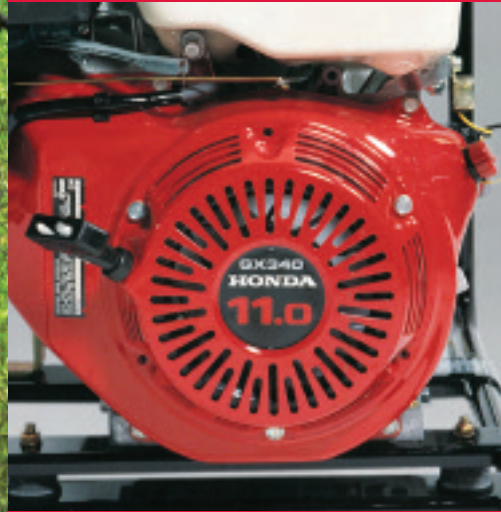
**NOTE:** SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Limited Warranty: 90 days parts only on all MMD Equipment submersible pumps. Refer to complete warranty for details.



## *Dependable heavy-duty performance in a lightweight, portable package.*

Need to move a lot of water fast? Count on pumps from MMD Equipment. They're designed for a long life of consistent performance — even in the toughest environments. From the internal wear parts to the Honda engines, our pumps are built with durable, high-quality components that last ... and that means less maintenance and lower costs for years to come.



### *Reliable Honda Engines*

- Honda engines deliver consistent power and performance.
- Automatic low oil shutdown helps prevent costly damage.
- Electronic ignition allows easy starts.
- Cyclone air filter increases engine life.
- Forged steel crankshaft with twin bearings for reliability.

## **CENTRIFUGAL, TRASH & DIAPHRAGM PUMPS**

### *Modular Pump Design*

- Self-priming, cast aluminum pump heads offer high strength and high performance.
- Easy-open removable pump covers allow quick cleaning and debris removal (trash pumps).
- Nipples and flanges are easily replaced, extending the service life of the pump.

### *Diaphragm Pump*

- Fast, sure self-priming pump with high suction lift.
- Applications include seepage dewatering and sandy, muddy, mucky water. Also handles trash and sewage.
- Large opening flap valves.
- Self-cleaning water flow.
- Standard wheel kit.





***Proven Reliability for Safety in Extreme Conditions.***

### ***Durable Construction***

- Rubber vibration isolators protect against damaging vibration and “walking.”
- Heavy-duty steel roll cage protects pump from external damage and provides easy portability (trash and centrifugal pumps).
- Optional heavy-duty wheel kits and lifting hook kits install quickly for easy mobility around the job site.
- Long-life mechanical seal reduces maintenance.
- Oversized cover flanges and extra thick O-rings assure quick, positive seals.

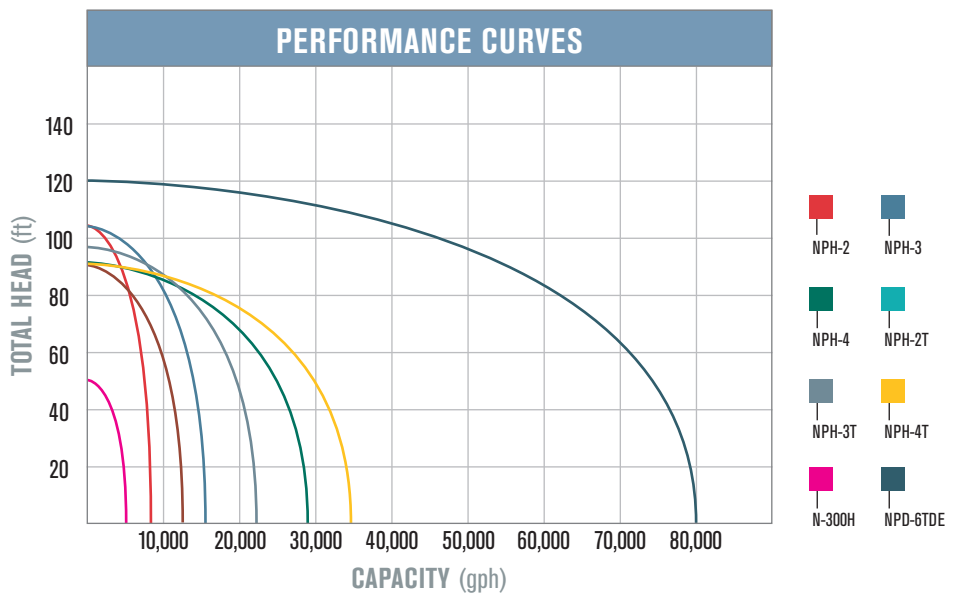
### ***Stainless Steel Wear System***

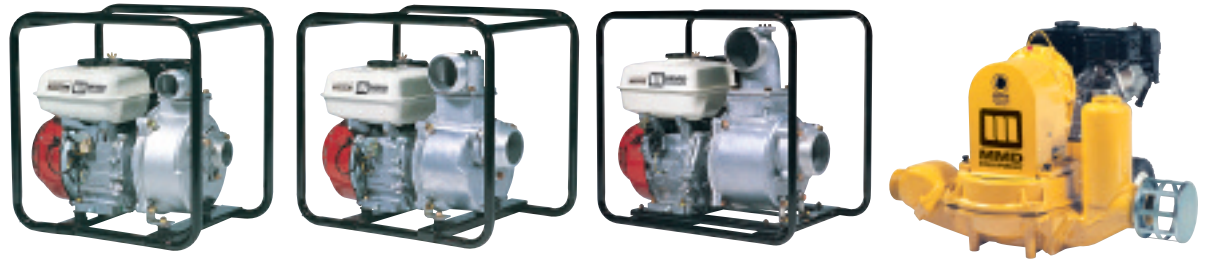
- Hi-chrome cast iron impeller and replaceable stainless steel wear plate increase service life and reduce maintenance costs.
- Replace the long-lasting wear plate when needed — not the entire volute (saves time and money).
- Capacitor-start motors.



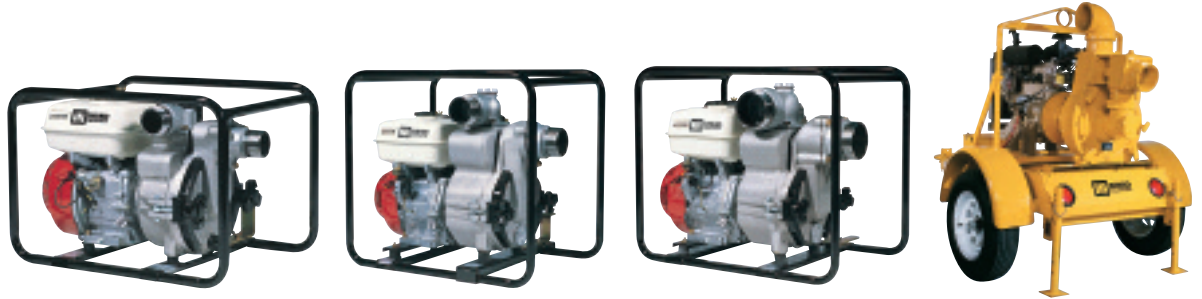


NPD-6TDE	
Engine	Yanmar 3TNV88 3-cyl Diesel Tier 3 Compliant
Maximum Delivery	80,000 gph





	NPH-2	NPH-3	NPH-4	N-300H
<b>PERFORMANCE</b>				
Suction and Delivery Diameters	2 x 2 in	3 x 3 in	4 x 4 in	3 x 3 in
Solid Size	.3125 in	.3125 in	.3125 in	1.5 in
Maximum Delivery	8,300 gph	16,000 gph	28,600 gph	5,100 gph
Suction Lift	26 ft	26 ft	26 ft	25 ft
Maximum Head	105 ft	105 ft	92 ft	50 ft
<b>ENGINE</b>				
Model	Honda GX-120	Honda GX-160	Honda GX-240	Honda GX-120
Horsepower	4 hp	5.5 hp	8 hp	4 hp
Fuel Type	Gas/Unmixed	Gas/Unmixed	Gas/Unmixed	Gas/Unmixed
Fuel Capacity	.66 gal	.66 gal	1.59 gal	.66 gal
Fuel Consumption	.22 gph	.22 gph	.5 gph	.29 gph
Low Oil Sensor	Yes	Yes	Yes	Yes
<b>WEIGHTS AND DIMENSIONS</b>				
Dimensions L x W x H	18 x 14 x 14 in	20.5 x 14.5 x 16 in	24 x 16.5 x 16 in	39.5 x 30 x 24 in
Weight	50 lbs	60 lbs	102 lbs	145 lbs



	NPH-2T	NPH-3T	NPH-4T	NPD-6TDE
<b>PERFORMANCE</b>				
Suction and Delivery Diameters	2 x 2 in	3 x 3 in	4 x 4 in	6 x 6 in
Solid Size	1 in	1.5 in	2 in	3 in
Maximum Delivery	11,900 gph	21,600 gph	34,200 gph	80,000 gph
Suction Lift	26 ft	26 ft	26 ft	26 ft
Maximum Head	90 ft	96 ft	91 ft	120 ft
<b>ENGINE</b>				
Model	Honda GX-160	Honda GX-240	Honda GX-340	Yanmar 3TNV88
Horsepower	5.5 hp	8 hp	11 hp	36 hp
Fuel Type	Gas/Unmixed	Gas/Unmixed	Gas/Unmixed	Diesel
Fuel Capacity	.95 gal	1.59 gal	1.72 gal	40 gal
Fuel Consumption	.29 gph	.5 gph	.65 gph	1.4 gph
Low Oil Sensor	Yes	Yes	Yes	Yes
<b>WEIGHTS AND DIMENSIONS</b>				
Dimensions L x W x H	22 x 17 x 16 in	26.7 x 19 x 24.2 in	28.5 x 19 x 23.5 in	108 x 51.5 x 68 in
Weight	79 lbs	130 lbs	155 lbs	1,750 lbs

**NOTE:** SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Limited Warranty: 2 years on engine, 1 year on pump (parts only) for all centrifugal and trash pumps; 2 years on engine, 1 year on pump (6 months parts and labor, plus 6 months parts only) on diaphragm pump. Refer to complete warranty for details.



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