

# DOUBLE DIAPHRAGM

## MOBILE WELLPOINT TRASH PUMP



### APPLICATIONS

Slurries

Dredging

Portable Feed

Open Sump

Sewage

Wellpoint Dewatering

Tanker Unloading

Waste Transfer

Utility Plants

MWI's Double Diaphragm pump has a rugged design, strong enough to get through the toughest materials - including solids as large as 3.75". Its portable, flexible, lightweight and easy to set up design makes it favorable for many operations. The Double Diaphragm pump is an ideal choice for pumping muddy water, sludge, or any liquid with a high percentage of solids. Even the most challenging environments are no match for MWI's Double Diaphragm.

### FEATURES

- Simple yet rugged, trouble free design
- Boston gearbox with a 1.25 Service Factor and high grade synthetic oil provides long service life
- Flex coupling allows for maintenance of engine and gearbox without requiring full disassembly
- Five easy cleanout ports allow for effortless cleaning after use
- Flapper valves allow for handling of 3.75" solids, slurries and other hard-to-handle fluids.
- Easily serviced and replaced wear parts that are highly resistant to abrasive and corrosive liquids
- Manufactured in the USA

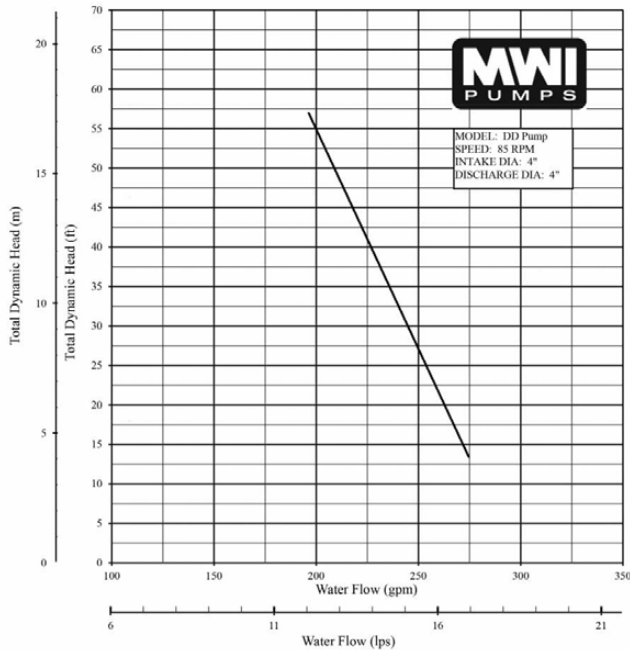
### QUICK SPECIFICATIONS

Suction connection	4" CAM-LOCK
Delivery connection	4" CAM-LOCK
Max capacity	275 USGPM
Max solids handling	3.75"
Max head (TDH)	55'
Max operating speed	85 RPM
Max suction lift	25'
Dimensions	102 x 63 x 58"
Sound levels w/ enclosure	67 dBA at 7M / 23'
Max fuel consumption	Up to 50 hr run time

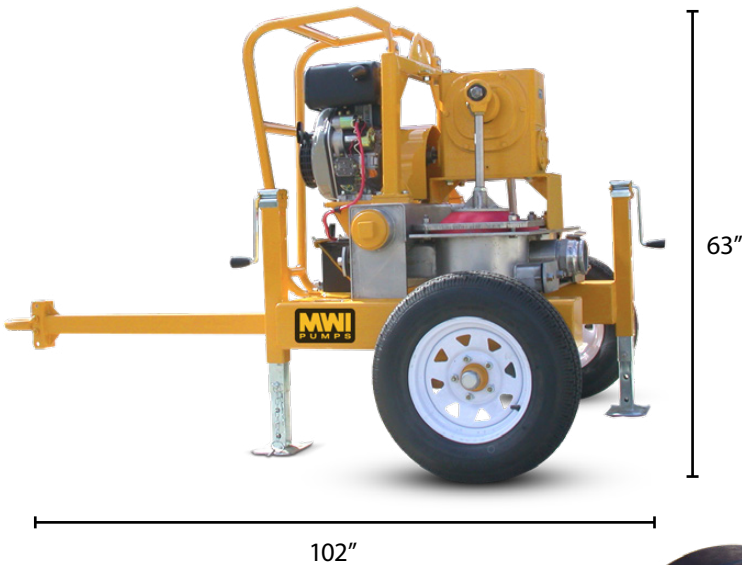


## PERFORMANCE CURVE

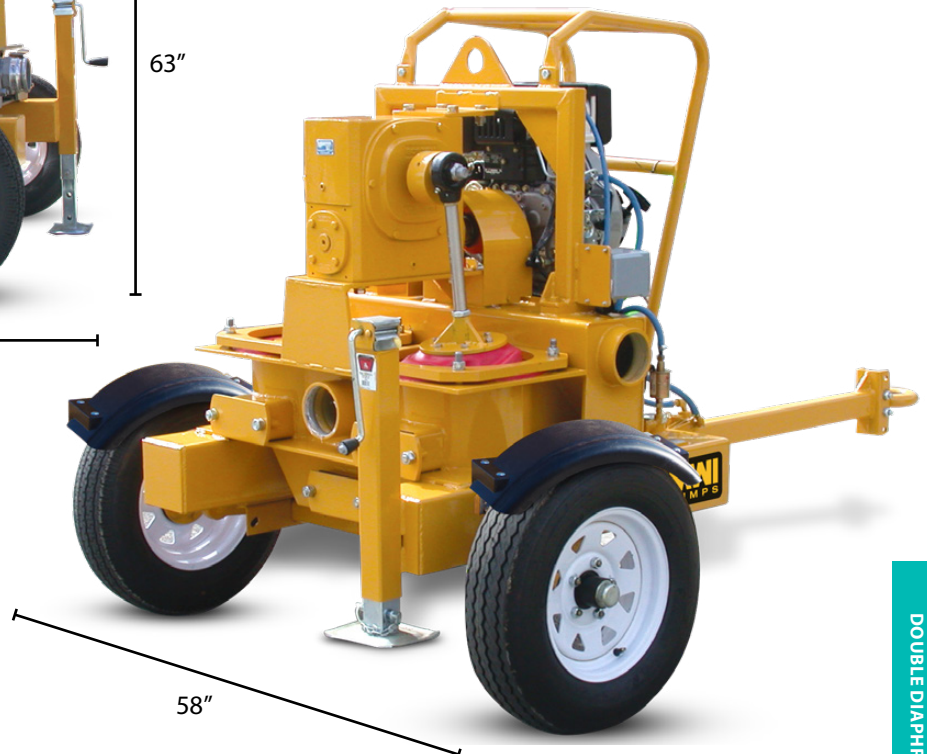
**TOTAL DYNAMIC HEAD**



**WATER FLOW**



## DIMENSIONS



### MWI Pumps Headquarters

33 NW 2nd Street | Deerfield Beach, FL 33441

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Inquiries: 954-426-1500 | Fax: 954-426-8938 | Email: [info@mwipumps.com](mailto:info@mwipumps.com) | [mwipumps.com](http://mwipumps.com)

MATERIALS & SPECIFICATIONS	
Standard engine	Yanmar L100W Final Tier 4
Max HP	9 HP
Fuel capacity	25 Gal
Gear box	Worm gear oil lubricated
Coupling	Omega flexible coupling
Diaphragm options	Urethane or neoprene
Control panel	Hour meter, including shutdowns for low oil pressure
Weight of trailer mounted unit	1550 lbs (dry)

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