

3MW SERIES

3" Non-Clog Wastewater Pumps

Vertical Discharge

2" Solids Handling - 3450 RPM

2½" Solids Handling - 1750 RPM



THE HEAVY-DUTY MYERS 3MW SERIES SEWAGE PUMPS ARE DESIGNED FOR USE IN RESIDENTIAL RAW SEWAGE AND LIGHT COMMERCIAL APPLICATIONS. 3MW pumps are available in single and double seal configuration. The enclosed two vane impeller provides high efficiency pumping and easily handles trashy solids normally found in sewage applications. This series is offered with vertical discharge and easily adapts to a quick-disconnect slide rail system. For more information, call your Myers distributor or the Myers Ohio sales office at 419-289-1144.

ADVANTAGES BY DESIGN

- High efficiency hydraulic design cuts pumping costs and extends life of fluid end components.
- Two-vaned rounded port impellers easily handle solids at high operating efficiencies
- Offered in two speeds to cover larger operating range.
- Hydraulic end virtually maintenance free. No close running tolerances have to be maintained or adjusted.
- Volute seal ring replaces in minutes if wear should occur with no adjustments needed.

DURABLE MOTOR WILL DELIVER MANY YEARS OF RELIABLE SERVICE

- Oil-filled motor for maximum heat dissipation and constant bearing lubrication.
- High torque, permanent split capacitor (PSC), single phase motors. No starting switches or relays to wear out.
- Optional seal leak probe warns of seal leak condition. (Dual seal motors only.) Helps prevent costly motor damage.
- Motors have on winding current and temperature sensitive overload. (Single phase only.)
- Motor is held in place by 4 bolts. Easily removed if service is ever needed.

PRODUCT CAPABILITIES

Capacity To	330 gpm	20.82 ips
Heads To	92 ft.	28.0 m
Solids Handling		
1750 rpm	2½ in	63.5 mm
3450 rpm	2 in.	50.6 mm
Liquids Handling	raw sewage, rain water, effluent	
Information Liquid Temp.	140°F	63°C
Winding Insulation Temp. (Class B)	266°F	130°C
Available Motors (single phase are psc type; three phase need Myers control panel.)	1750 rpm 1½-3 HP	3450 rpm 1-3 HP
Third Party Approval	UL Pending, CSA	
Acceptable pH Range	6-9	
Specific Gravity	9-1.1	
Viscosity	28-35 SSU	
Discharge, Vertical	3" NPT	
Maximum Sump Dia. (D-plex)	48 in.	1.2 m

Construction Materials

Motor Housing, Seal Housing, Volute Case	cast iron, class 30 ASTM A48
Enclosed 2-Vane Impeller	ductile iron, class 65 ASTM A536
Power Control Cords	SJOW/SJOWA, SOW/SOWA, 20 ft.
Mechanical Seal	single, type 21 standard-carbon/ceramic optional-tungsten carbide
Pump, Motor Shaft	416 SST
Fasteners	304 series SST

WHERE INNOVATION MEETS TRADITION

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