

MYERS® MODELS 8SM AND 8SMX

8" Submersible Solids Handling Wastewater Pumps

The Myers 8SM Submersible Solids Handling Sewage Pumps are Designed Especially for High Flow Applications such as:

Large municipal lift stations, treatment plants, transfer stations and dewatering. A quick removal type rail system is available to simplify installation and maintenance. The 8SM's ability to handle solids up to 3 inches in diameter make it ideal for most high flow wastewater applications. For more information, contact your Myers distributor or the Myers sales office at 419-289-1144.

Product Capabilities

Capacities To	2320 gpm	8800 lpm
Heads To	260 ft.	79 m
Solids Handling	3 in.	76 mm
Liquids Handling	raw unscreened sewage, drain water, effluent	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Winding Insulation Temp. (Class H)	356°F	180°C
Available Motors	1750 RPM 75, 100, 125 HP 460 & 575 volts 3 phase, 60 Hz	
Std. Third Party Approvals	CSA	
Optional Approvals	FM Class 1, Groups C & D (8SMX only)	
Acceptable pH Range	6 – 9	
Specific Gravity	.9 – 1.1	
Viscosity	28 – 35 SSU	
Discharge, Horizontal	8 in.	203.2 mm

Construction Materials

Motor Housing, Seal Housing, Cord Cap and Volute Case	cast iron, Class 30, ASTM A48
Impeller	ductile iron, Class 65, ASTM A536
Power and Control Cord	SOOW, W
Double Tandem Mechanical Seals	Standard – carbon & ceramic Optional – lower tungsten carbide
Pump, Motor Shaft	416 SST
Fasteners	300 series SST
Case Wear Ring	bronze

Note: Consult factory for applications outside these recommendations.

Pump Features and Applications

A. Cable Entry System

Cable jackets sealed with clamped, rubber grommet. Individual wires sealed with epoxy to prevent wicking in case of cable damage.

B. Terminal Board

Provides easy connections from power and control cables to stator. Allows voltage change in field on dual winding motors.

C.

