

SRM4

4/10 Horsepower
Residential Sewage Pump



THE SRM4 NON-CLOG PUMP IS THE MOST RELIABLE 4/10 HORSEPOWER RESIDENTIAL SEWAGE PUMP AVAILABLE TODAY. The SRM4 is a plumbers/contractors dream ... it will not clog! Its recessed impeller design allows 2" solids to pass freely through the volute without the chance of jamming the impeller. The SRM4 series pump has a national field-proven record of reliability. Look to your Myers distributor for the answer to your residential sewage handling needs ... and across the counter will be the Myers mini non-clog, the SRM4. It works for you! For more information, call your Myers distributor today, or the Myers Ohio sales office at 419-289-6898.

ADVANTAGES BY DESIGN

DURABLE MOTOR WILL DELIVER MANY YEARS OF RELIABLE SERVICE.

- Oil-filled motor for maximum heat dissipation and continuous bearing lubrication.
- Overload protected shaded pole motor eliminates starting switches.
- Recessed vortex impeller provides minimal radial loading for long bearing life.

THE SRM4P IS ENGINEERED FOR MANY YEARS OF MAINTENANCE-FREE OPERATION.

- Wide-angle piggy-back float switch for maximum draw down. (Automatic models)
- Pump can be operated manually by unplugging piggy-back switch and plugging pump directly into outlet (Automatic models).
- Recessed vortex impeller operates completely out of volute and provides free flow through passage for solids and liquids.

PRODUCT CAPABILITIES

Capacities To	95 gpm	360 lmp
Heads To	18 ft. 19 ft. shutoff	5.5 m 5.8 m
Pump Down Range Float Switch	7 to 14 in.	178 to 356 mm
Solids Handling Capacity	2 in.	50.8 mm
Liquids Handling	raw sewage, effluent, drain water	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor	4/10 HP shaded pole 1650 RPM	
Electrical	115V, 12A or 230V, 6A, 1Ø, 60 Hz.	
Acceptable pH Range	6 - 9	
Discharge, NPT	2 in.	50.8 mm
Minimum Sump Diameter		
Simplex	18 in.	457 mm
Duplex	30 in.	762 mm

WHERE INNOVATION MEETS TRADITION

Myers[®]

Pentair Water

**MECHANICAL
FLOAT SWITCH**

Mercury-free, 90°
angle operation.
(Piggyback models
only).

4/10 HP MOTOR

Pressed in place and
oil-filled for best
alignment and heat
transfer. Built-in
overload protection.

POWER CORD

Quick-disconnect
watertight fitting.

MOTOR HOUSING

Heavy cast iron for
efficient heat transfer.

**DUAL THRUST
WASHERS, SLEEVE
BEARINGS**

Oil lubricated,
enhance smooth
operation and
extend pump life.

CAST IRON VOLUTE

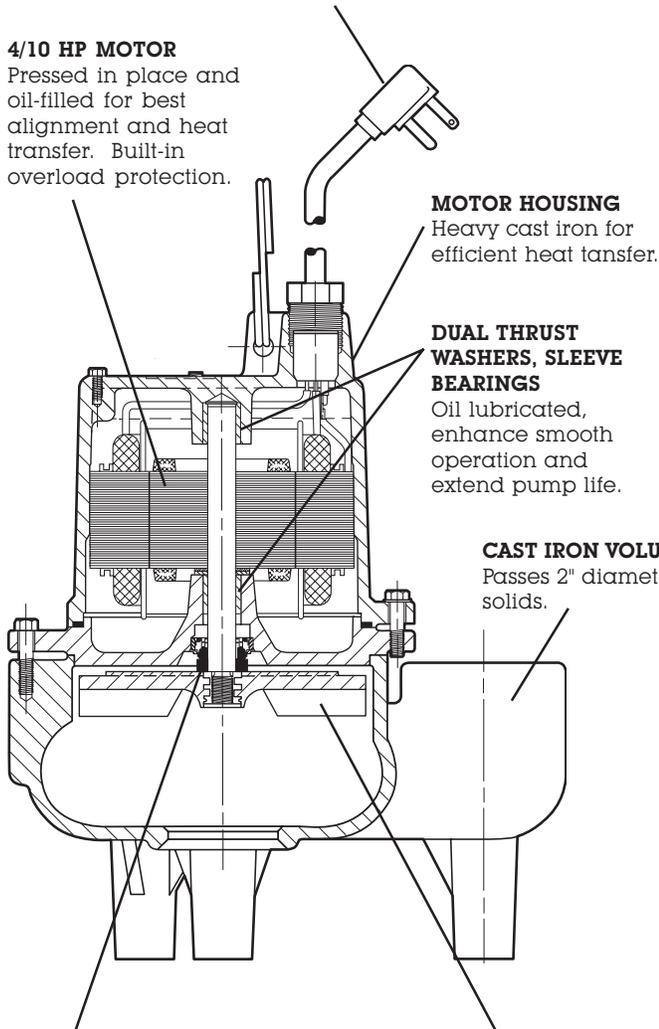
Passes 2" diameter
solids.

MECHANICAL SHAFT SEAL

Carbon and ceramic faces,
body is stationary, prevents
string or trash from winding
on seal.

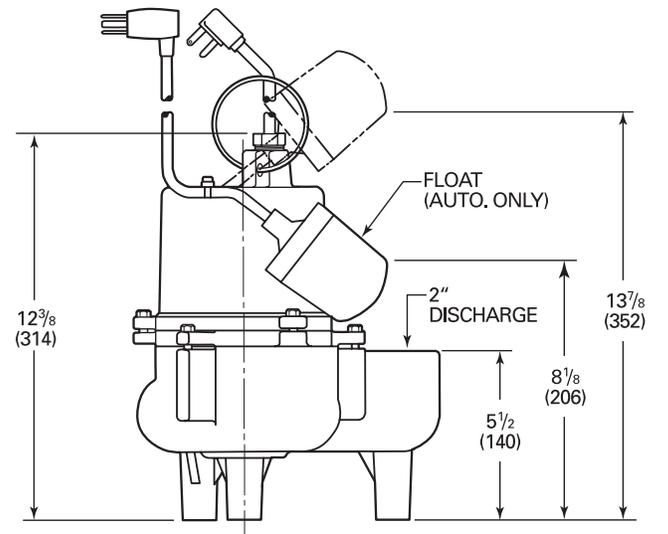
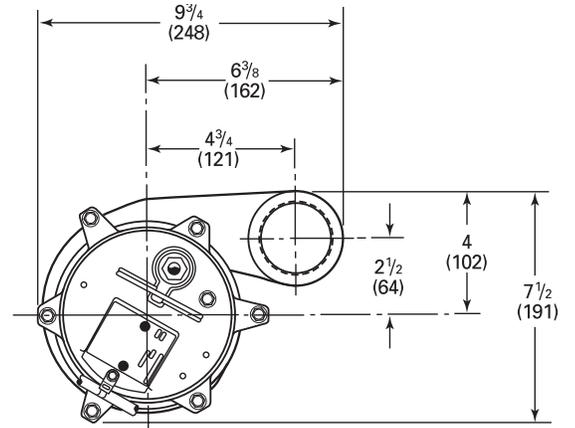
RECESSED IMPELLER

Operates out of volute
passage, allowing
maximum flow of liquids
and solids.

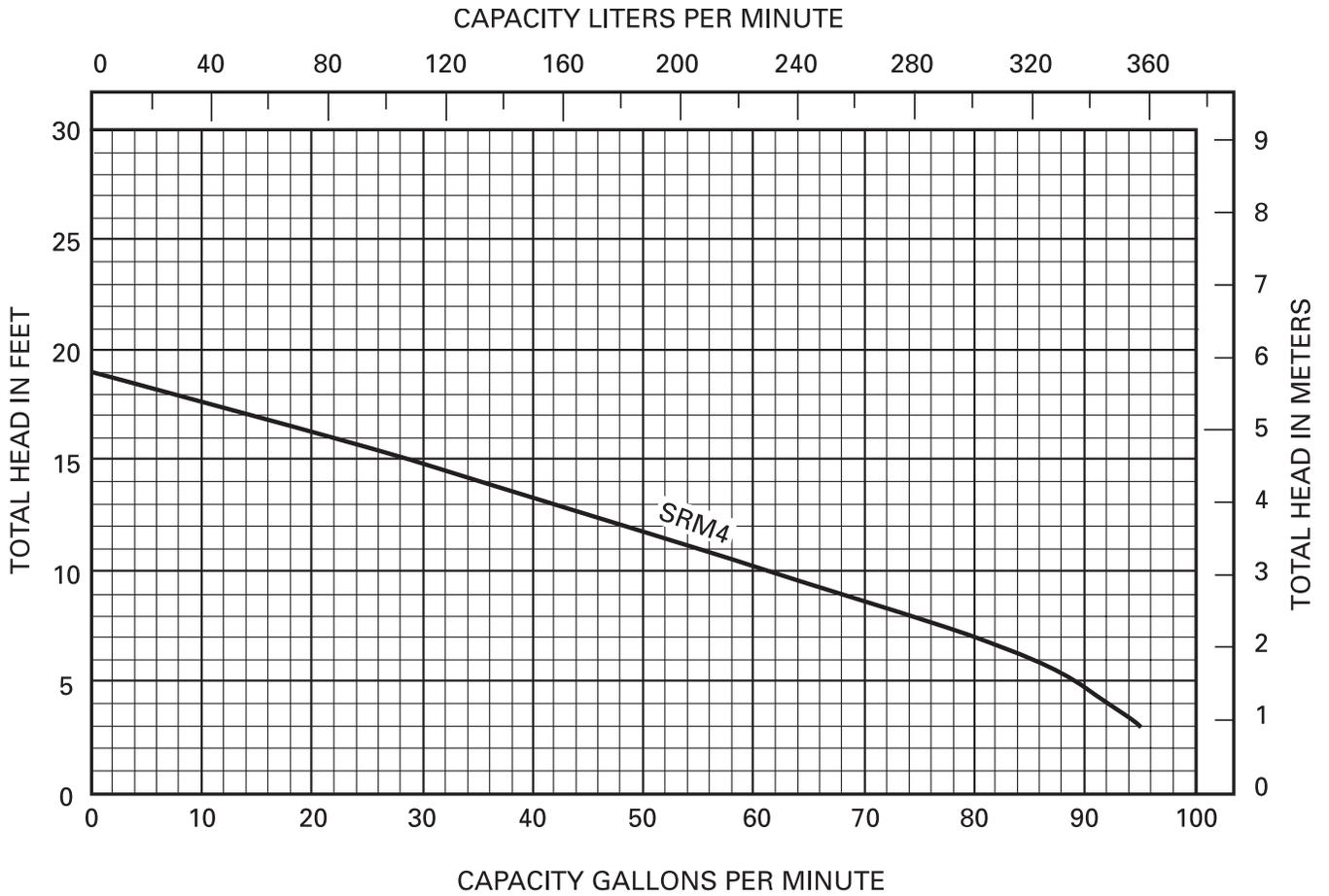


DIMENSIONS

(dimensions in mm)



PUMP PERFORMANCE



SPECIFICATIONS

SEWAGE PUMPS - Pump(s) shall be Myers SRM4 series sewage pumps selected in accordance with the following design criteria:

Number of Pumps:	_____
Primary Design Flow:	_____
Primary Design Head:	_____
Minimum Shut-Off Head:	19'
Motor Horsepower:	4/10
Motor Speed:	1650 RPM
Electrical:	115 Volts, 1Ø, 60 Hz or 230 Volts, 1Ø, 60 Hz

PUMP - The pump shall be designed to handle raw sewage and be capable of passing 2 inch spherical solids. The pump shall be capable of handling liquids with temperatures to 140°F intermittent.

MOTOR - The pump motor shall be of the submersible type rated 4/10 HP at 1650 RPM and shall be for _____ 115 volts or _____ 230 volts single phase, 60 cycles. Single phase motor shall be of the shaded pole type with no relays or starting switches. Stator winding shall be of the open type with Class A insulation rated for 105°C maximum operating temperature. The winding housing shall be filled with clean dielectric oil to lubricate bearings and seals, and transfer heat from the windings to the outer shell. The motor winding assembly shall be pressed into the stator housing for best alignment and heat transfer.

The motor shall be capable of operating over the full range of the performance curve without overloading the motor and causing any objectionable noise or vibration. The motor shall have two bearings to support the rotor; an upper sleeve bearing to accommodate radial loads and a lower sleeve bearing with thrust pad to take thrust and radial loads.

A heat sensor thermostat and overload shall be attached to the top end of the motor windings and shall be wired in series with the windings to stop the motor if the motor winding temperature reaches 221°F. The overload thermostat shall reset automatically when the motor cools to a safe operating temperature.

POWER CORD - The motor power cord shall be _____ 10 or _____ 20 feet SJTW/SJTW-A type. The cord shall have a molded compression grommet to insulate electrical connections. The grommet shall thread into the motor housing to provide a positive seal and to prevent leaking of liquid into the motor housing. The sealing grommet shall provide strain relief for the power cord assembly.

OPTIONAL CONTROL SWITCH - The sewage pump shall be controlled by an optional piggyback float switch. The float switch shall be of the mechanical, non-mercury type and be capable of directly controlling the pump motor without the need for an external control panel.

SHAFT SEAL - The motor shall be protected by a rotating mechanical shaft seal. The seals shall have carbon and ceramic seal faces lapped to a tolerance of one light band. Metal parts and springs for seals shall be 300 series stainless steel.

PUMP IMPELLER - The pump impeller shall be of the recessed type. The impeller shall be constructed of engineered thermoplastic.

MOTOR CASTINGS - The motor housing castings shall be of high tensile strength Class 30 gray cast iron. Castings shall be treated with phosphate and chromate rinse and painted with a high quality air dry alkyd enamel for corrosion protection.

PUMP CASE - The pump case shall be a high efficiency volute design capable of passing 2 inch spherical solids. The pump volute shall be constructed of Class 30 gray cast iron.

FASTENERS - All exposed fasteners shall be of 300 series stainless steel.