MYERS® SX SERIES SUBMERSIBLE SUMP PUMPS FOR HAZARDOUS ENVIRONMENTS

Classified as Class 1, Division 1, Group D

NOW AVAILABLE IN 1/2 HP, 1-1/2 HP AND 2 HP CONFIGURATIONS

RECESSED IMPELLER HANDLES SLURRY WITHOUT BINDING

SEAL LEAK PROBES REDUCE COSTLY MAINTENANCE

HEAT SENSOR EXTENDS PUMP LIFE





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MYERS[®] SX SERIES SUBMERSIBLE SUMP PUMPS

Designed To Pump Contaminated Water in Hazardous Environments

The Myers SX Series are heavy-duty cast iron submersible sump pumps engineered for commercial and industrial dewatering applications in hazardous environments.. These pumps are designed to reduce the risk of vapor igniting the pump in hazardous environments classified as Class 1, Division 1, Group D.

Recessed Impeller Handles Slurry Without Binding

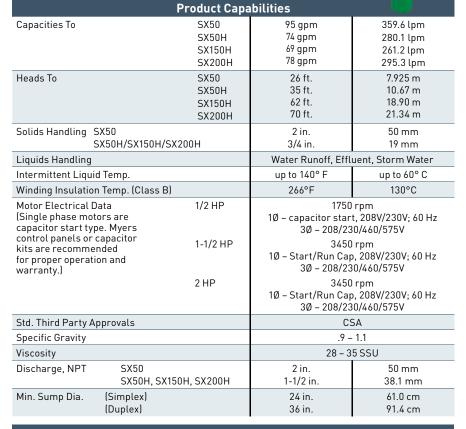
Ductile iron recessed impeller provides unobstructed flow and great return on investment with less downtime.

Seal Leak Probes Reduce Costly Maintenance

Alert customers ahead of time by detecting water in seal housing and activating a warning at the control panel.

Heat Sensor Extends Pump Life

Protecting the motor from burning out due to excessive heat from overload conditions.



Construction Materials

Motor Housing, Seal Housing, Cord Cap and Volute Case	Cast iron, Class 30, ASTM A48			
Impeller	Recessed, cast iron, Class 20, A48			
Power Cord	14/4 SOOW			
Control Cord	18/5 SOOW			
Mechanical Seals Standard Optional	Double tandem carbon & ceramic lower tungsten carbide			
Pump, Motor Shaft	416 SST			
Fasteners	300 Series SST			

Note: Consult factory for applications outside these recommendations.

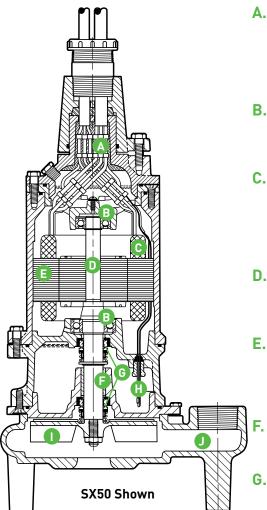
To meet Class 1, Division 1 Groups D, F-M requires explosionproof sump pumps be connected to a control panel meeting UL 698A specifications.







PUMP FEATURES AND APPLICATIONS



SX50

A. Cable Entry System

Provides double seal protection. Cable jacket sealed by compression grommet. Individual wires sealed by epoxy potting.

B. Ball Bearings

Upper and lower ball bearings support shaft and rotor and reduce axial and radial loads.

C. Heat Sensor

Protects motor from burnout due to excessive heat from any overload condition. Automatically resets when motor has cooled.

D. Heavy 416 SST Shaft

Corrosion resistant. Reduces shaft deflection due to grinding loads.

E. Stator

Press fit for perfect alignment and best heat transfer. Oilfilled motor conducts heat and lubricates bearings.

Sleeve Bearing

Takes radial load; provides flame path.

Shaft Seals

Double tandem mechanical shaft seals protect motor. Oil-

filled seal chamber provides continuous lubrication.

H. Seal Leak Probes

Provides advance notification of seal leak allowing preventative maintenance before motor damage

I. Impeller

Ductile iron recessed impeller handles ground slurry without clogging or binding. Provides unobstructed flow passage. Reduces radial loads. Pumpout vanes help keep trash from seal, reduces pressure at seal faces.

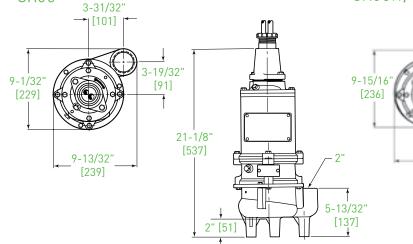
J. Volute Case

Cast iron 1½" – 2" vertical discharge.

Applications include:

- Service stations
- "Quick-lube" stations
- Car/truck washes
- Truck docks
- Military base

DIMENSIONS

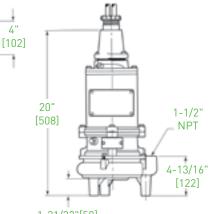


SX50H, SX50H, SX150H, SX200H

4" [102]

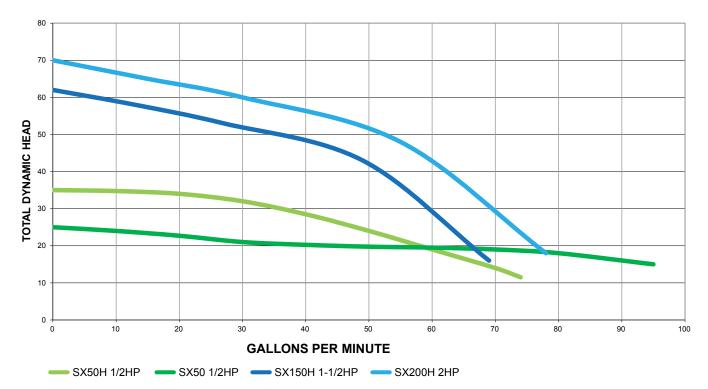
9-15/32"

[241]



1-31/32"[50]

PERFORMANCE DATA



Motor Electrical Data										
Available Models	НР	Volts	Phase	Hertz	Full Load Amps	Service Factor	NEC Code Letter	Start Amps	Start KW	
SX50-01	1/2HP	208	1	60	4.5	1.2	F	13.4	2.3	
SX50-21	1/2HP	230	1	60	4.9	1.2	Н	14.9	2.6	
SX50-03	1/2HP	208	3	60	3.6	1.2	М	14.8	4	
SX50-23	1/2HP	230	3	60	3.2	1.2	М	12.6	3.9	
SX50-43	1/2HP	460	3	60	1.6	1.2	М	6.3	3.9	
SX50-53	1/2HP	575	3	60	1.3	1.2	М	5.1	4	
SX50H-01	1/2HP	208	1	60	4.5	1.2	F	13.4	2.3	
SX50H-21	1/2HP	230	1	60	4.9	1.2	Н	14.9	2.6	
SX50H-03	1/2HP	208	3	60	3.6	1.2	М	14.8	4	
SX50H-23	1/2HP	230	3	60	3.2	1.2	М	12.6	3.9	
SX50H-43	1/2HP	460	3	60	1.6	1.2	М	6.3	3.9	
SX50H-53	1/2HP	575	3	60	1.3	1.2	М	5.1	4	
SX150H-01	1-1/2HP	208	1	60	12	1.25	G	54.0	11.2	
SX150H-21	1-1/2HP	230	1	60	9.5	1.25	F	45.0	10.4	
SX150H-03	1-1/2HP	208	3	60	6.7	1.25	G	33.0	11.9	
SX150H-23	1-1/2HP	230	3	60	5.4	1.25	G	30.8	12.3	
SX150H-43	1-1/2HP	460	3	60	2.2	1.25	G	15.4	12.3	
SX150H-53	1-1/2HP	575	3	60	1.4	1.25	J	15.7	15.6	
SX200H-01	2HP	208	1	60	15.0	1.25	G	54.0	11.2	
SX200H-21	2HP	230	1	60	12.5	1.25	F	45.0	10.4	
SX200H-03	2HP	208	3	60	9.7	1.25	G	33.0	11.9	
SX200H-23	2HP	230	3	60	8.4	1.25	G	30.0	12.3	
SX200H-43	2HP	460	3	60	4.2	1.25	G	15.4	15.6	
SX200H-53	2HP	575	3	60	3.4	1.25	J	15.4	4	



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