

MODY **EXPLOSION PROOF** **SUBMERSIBLE PUMPS**



CLASS 1, DIV. 1, Groups C & D

3 HP - 150 HP. 4", 6" & 8"

Mody Electric Submersible Sewage Pumps MSXP Series

The MSXP Pumps are designed for portable sewage applications and to retrofit existing permanent wet well wastewater installations. UL Approved motors for Class1, Div. 1, Group C & D hazardous environments.

SPECIFICATIONS

HP / kW Range
Max Flow Range - GPM / Lps
Max Shut-off Head - Feet / Meters
Discharge Size - Inches / MM
Solid Handling - Inches / MM
Impeller Type
Max Temp of Pumped Fluid
Max Starts / Stops per Hour
Max Submergence
Motor / Squirrel cage motor:
UL Approved Explosion Proof, Class "F"
Class 1, Div. 1, Group C & D
Air Filled Motor (15 min in air)
Die cast aluminum rotor
Thermal overload protection*
Power Supply 208/230/460/575 Volts +/-6%
Bearings
Power & Moisture Sensor Cables*
Tandem Shaft Seals

* Controls Required

MATERIALS OF CONSTRUCTION

Stator Casing	CI, ASTM A-48
Pump Casing	CI, ASTM A-48
Impellers	CI, ASTM A-48
Shaft	400 SS Series
Hardware	Stainless Steel
Mech. Seals:	Nitrile Elastomers
Outer	SC/SC
Inner	Carbon/Ceramic
'O' Rings	Nitrile Rubber
Surface Treatment	Primer with Epoxy & Air Dry Enamel

MSXP 4"

MSXP 6"

MSXP 8"

3 - 20 hp / 3.7-15 kW	7.5 - 75 hp / 5.6 - 56 kW	20 - 150 hp / 15 - 112 kW
1000 gpm / 227 lps	2650 gpm / 602 lps	4600 gpm / 1044 lps
126 ft / 38.4 m	220 ft / 67 m	180 ft / 54.8 m
4" / 100mm	6" / 150mm	8" / 200mm
3" / 75 mm	3" / 75 mm	3" / 75 mm
2 vane/open & closed	single / 3 vane	3 vane open
104° F / 40° C	104° F / 40° C	104° F / 40° C
15	15	15
35' / 10 m	35' / 10 m	35' / 10 m
Yes	Yes	Yes
Yes	Yes	Yes
Yes	Yes	Yes
Yes	Yes	Yes
Yes	Yes	Yes
3 phase - 60Hz	3 phase - 60Hz	3 phase - 60Hz
Ball / Angular	Ball / Angular	Ball / Angular
25' / 7.6m	25' / 7.6m	25' / 7.6m
Yes	Yes	Yes

Accessories:

- Permanent Base Discharge Elbows
- Sliding Bracket
- Upper & Intermediate Guide Bar Holder
- Metal to Metal Flange Adapters
- Control Panels, Float Switches and Alarms

Additional accessories available

Options:

- Impeller Trims
- Additional Cable Lengths
- Optional Mechanical Seal Faces



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