

mody

MSP SERIES

DRY PIT

WET PIT

PORTABLE

3" to 12" / 80 - 300 mm
DISCHARGE SIZES

MOTORS

2 Pole 6 to 46 HP / 4.5 - 34 kW

4 Pole 4 to 125 HP / 3 - 93 kW

6 Pole 4.6 to 100 HP / 1.9 - 75 kW

8 Pole 10 to 30 HP / 7.5 - 22 kW

208/230/460/575 Volts 60 HZ

FLOWS

to 8,000 US GPM / 30,283 LPM

HEADS to 330 FT / 100 M

CHANNEL IMPELLER

VORTEX IMPELLER



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Pumps

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MSP SERIES

FEATURES

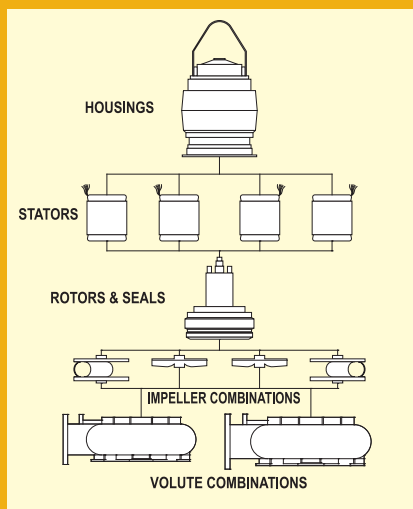
- High Efficiency Motors
- Class H (180°C) Insulation
- “Fast-Change” SC/SC Cartridge Mechanical Seals
- Modular Design, Interchange Components
- Adjustable Wear Ring System
- Vortex or Enclosed Impeller, on same Shaft/Volute
- Latch-Bolts for Fast-Lock & Quick-Release
- Oil Tap Drain
- Interchangeable Parts with Pumpex® Brand Models
- Easy Retrofit to Pumpex®/Flygt® and other brand installations
- Optional, Self-Contained “Eco-Friendly” Cooling

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SPECIFICATIONS	MSP1&2	MSP3	MSP4
HP / KW Range	4 - 19 HP / 3 - 14 KW	10 - 46 HP / 7.5 - 34 KW	10 - 125 HP / 7.5 - 93 KW
Max Flow Range -GPM / LPM	1,800 GPM / 6,814 LPM	2,400 GPM / 9,085 LPM	8,000 GPM / 30,283 LPM
Max Shut-off Head - Feet / Meters	220' / 67 M	330' / 100 M	285' / 87 M
Discharge Size - Inches / MM	3", 4", 6" / 75, 100, 150	3", 4", 6" / 75, 100, 150	6", 8", 12" / 150, 200, 300
Solid Handling - Inches / MM	Up to 4" / 100 MM	Up to 4" / 100 MM	Up to 5" / 127 MM
Impeller Type	Vortex / Channel	Vortex / Channel	Vortex / Channel
Max Temp of Pumped Fluid	104°F / 40°C	104°F / 40°C	104°F / 40°C
Max Starts / Stops per Hour	15	15	15
Max Submergence Ft / M	66' / 20 M	66' / 20 M	66' / 20 M
Motor - Squirrel Cage / VFD Rated	2, 4, 6 Pole	2, 4, 6 Pole	4, 6, 8 Pole
Siemens Design - IP68 Enclosure	Yes	Yes	Yes
UL Listed Components	Yes	Yes	Yes
Die Cast Aluminum Rotor	Yes	Yes	Yes
Moisture & Thermal Overload Protection	Yes	Yes	Yes
Power Supply 208/230/460/575 Volts	Yes	Yes	Yes
Ball Bearings - Radial / Thrust	Single / Double	Single / Double	Single / Double
Power & Moisture Sensor Cables Ft / M	33' / 10 M	33' / 10 M	33' / 10 M
Cartridge Mechanical Seals	Yes	Yes	Yes
Cooling Jacket System - Optional	Yes	Yes	Yes

MODULAR DESIGN

- Multiple Configurations
- Mix & Match Module Components
- Motor Housings
- Motor Stators
- Motor Rotors & Cartridge Seals
- Pump Impellers
- Pump Volutes



MSP1, 2, 3 & 4 COMPONENTS

Stator Casing	Cast iron ASTM A-48, Class 35
Pump Volute / Casing	Cast iron ASTM A-48, Class 35
Casing Wear Ring	Cast iron ASTM A-48, Class 35
Lifting Handle	AISI 316 Stainless Steel
Impeller	Ductile iron ASTM A-395, Grade 60-40-18
Shaft	AISI 431 Stainless Steel
Shaft Sleeve	AISI 431 Stainless Steel
Hardware	AISI 304 Stainless Steel
Mechanical Seals	SC / SC
O-Rings	Nitrile Rubber



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