

# *mody*

## MSP2 - MSP3 SUBMERSIBLE PUMPS

DRY PIT  
WET PIT  
PORTABLE

FLOWS to 2,400 USGPM

HEADS to 330 FT TDH

VORTEX OR CHANNEL  
IMPELLERS

## MSP SERIES



## MSPG2 SUBMERSIBLE GRINDER

DRY PIT  
WET PIT  
PORTABLE

FLOWS to 135 USGPM

HEADS to 350 FT TDH

SEMI-OPEN, MULTI-VANE,  
IMPELLER

DUPLEX STAINLESS STEEL  
GRINDING MECHANISM



# MODY 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
- “Fast-Lock”, Quick-Release, Latch-Bolts
- Oil Tap Drain
- Interchangeable parts with Pumpex® brand models
- Easy Retrofit to Pumpex®/Flygt® and other brand installations
- Optional, Integral “Eco-Friendly” Cooling System
- Duplex Stainless Steel Grinding Mechanism - MSPG2

SPECIFICATIONS	MSP2	MSP3	MSPG2
HP / KW Range	4.6 - 19 HP / 3.4 - 14 KW	20 - 46 HP / 15 - 34 KW	7.5 - 19 HP / 6 - 14 KW
Max Flow Range -GPM / LPS	1,800 GPM / 6,814 LPS	2,400 GPM / 9,085 LPS	135 GPM / 511 LPS
Discharge Size - Inches / MM	3”, 4”, 6” / 75, 100, 150	3”, 4”, 6” / 75, 100, 150	2” / 50 MM
Solid Handling - Inches / MM	Up to 4” / 100 MM	Up to 4” / 100 MM	Grinder
Impeller Type	Vortex / Channel	Vortex / Channel	Semi-Open / Multi-Vane
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	2, 4 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 Double Shaft Seals	Yes	Yes	Yes
Cooling Jacket System - Optional	Yes	Yes	Yes

MSP2 & MSP3 COMPONENTS		MSPG 2 COMPONENTS	
Stator Casing	Cast iron ASTM A-48, Class 35	Stator Casing	Cast iron ASTM A-48, Class 35
Pump Volute / 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
Lifting Handle	AISI 316 Stainless Steel	Impeller	Ductile iron ASTM A-395, Grade 60-40-18
Impeller	Ductile iron ASTM A-395, Grade 60-40-18	Grinder Mechanism	Duplex Stainless Steel
Shaft	AISI 431 Stainless Steel	Shaft	AISI 431 Stainless Steel
Shaft Sleeve	AISI 431 Stainless Steel	Shaft Sleeve	AISI 431 Stainless Steel
Hardware	AISI 304 Stainless Steel	Hardware	AISI 304 Stainless Steel
Mechanical Seal	SC / SC	Mechanical Seal	SC / SC
O-Rings	Nitrile Rubber	O-Rings	Nitrile Rubber



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