

mody

**ELECTRIC
SUBMERSIBLE
SLURRY PUMPS**

MHC SERIES

PORTABLE

2 HP - 150 HP

**DISCHARGE
SIZES**

3", 4", 6", & 8"

1800 RPM

***mody*
Pumps**



**28% HI-CHROME
SLURRY SUBMERSIBLE
PUMPS**

MODY ELECTRIC SUBMERSIBLE SLURRY PUMPS MHC SERIES - 28% HI-CHROME

The MHC Pumps are designed for portable slurry applications with optional agitator and water jet attachments.

SPECIFICATIONS	MHC 3"	MHC 4"	MHC 6"	MHC 8"
HP Range	2 - 20 HP	7.5 - 10 HP	7.5 - 30 HP	15 - 150 HP
pH Range	5 - 12	5 - 12	5 - 12	5 - 12
Max Flow Range - GPM	600 GPM	500 GPM	1350 GPM	2800 GPM
Max Shut-off Head - Feet	134 FT	82 FT	115 FT	240 FT
Discharge Size - Inches	3"	4"	6"	8"
Max Solid Handling - Inches	0.8 - 1.2"	1.4"	1.4 - 2.4"	1.8 - 3.0"
Impeller Type: Two Vane Semi-Open	Yes	Yes	Yes	Yes
Max Temp of Pumped Fluid	104° F	104° F	104° F	104° F
Max Starts / Stops per Hour	15	15	15	15
Max Submergence	65 ft.	65 ft.	65 ft.	65 ft.
Motor / Squirrel Cage Motor:				
Insulation Class 'H'	Yes	Yes	Yes	Yes
Air Filled Motor (15 min in air)	Yes	Yes	Yes	Yes
Die Cast Aluminum Rotor	Yes	Yes	Yes	Yes
Thermal Overload Protection*	Yes	Yes	Yes	Yes
Moisture Sensor	Yes	Yes	Yes	Yes
Speed	1800	1800	1800	1800
Power Supply 208/230/460/575v +/-6% - 60 Hz	3 phase	3 phase	3 phase	3 phase
Power & Moisture Sensor Cables*	25 ft	25 ft	25 ft	25 ft
Bearings	Ball / Angular	Ball / Angular	Ball / Angular	Roller / Angular
Double Mechanical Seals	Yes	Yes	Yes	Yes
* Controls Required				

MATERIALS OF CONSTRUCTION				OPTIONS:
Stator Casing	ASTM A-48	Mech. Seals:	Nitrile Elastomers	• Viton Fitted Components • Agitator • Agitator Water Jet Ring • Dry Run Motors with Cooling Jackets • Additional Cable Lengths • FM App Exp Proof, Class 1, Div.1, Groups C & D Motors
Pump Casing	28% Hi-Chrome	Outer	SC/SC	
Impeller	28% Hi-Chrome	Inner	SC/SC	
Suction Cover	28% Hi-Chrome	O' Rings	Nitrile Rubber	
Agitator	28% Hi-Chrome	Hardware	Stainless Steel	
Shaft	400 SS Series			



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