



CREATIVE ENGINEERS



1st Floor, Above Bhairavnath Post Office,
Opp Pragati Society, Nr. Meera Cross Roads
Maninagar, Ahmedabad - 380028

Tele Fax : + 91-079-25431453, 8140179903

Website :- www.sspumpsindia.com, E-mail :- info@sspumpsindia.com.

SELF PRIMING CUM CENTRIFUGAL TYPE MUD PUMPS "MSP" SERIES

APPLICATIONS:-

- Sewage and Effluent treatment plants.
- Low NPSH process circulation duty.
- Aboard ships as bilge, deck wash pump & engine cooling pump.
- Loading , Unloading and transfer of tricky liquids viz. oils , solvents , gas oils , minerals , oils , grease, petrol, seawater etc.

RANGE:-

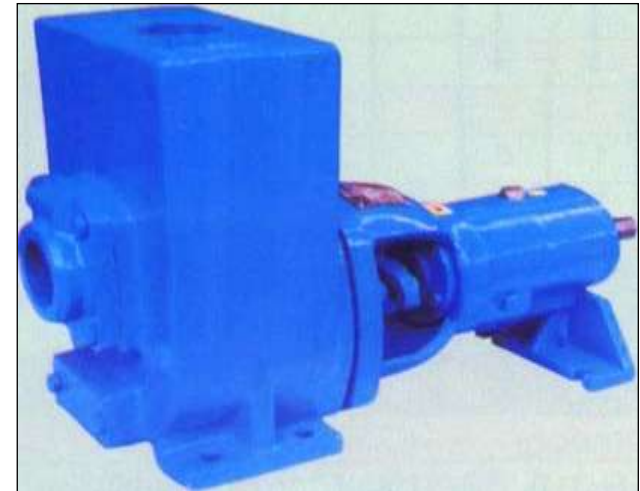
- Capacity :- up to 350 m³/hr,
- Head :- Up to 60m
- Suction Head: - Up to 8 meters.
- Material :- Cast Iron & Bronze,
- Solids: - Up to 41 mm dia.
- Viscosity: - Up to 100mm²/sec.

FEATURES:-

- Perfect sealing assured by high quality mechanical seal which cannot run dry because of internal oil reservoir.
- Graded casting & SS Shaft, Increase service life.
- Bearings greased for life, save external lubrication. Minimum need for inspection and maintenance.
- Drive options, of lectric motor, coupled or monoblock and belt drive versions or by petrol/diesel engine.

DESIGN:-

- Perfect selfpriming action with maximum suction head of 8 meters.
- Impellers with wider flow passage avoid clogging and can handle solids up to 41 mm dia.
- Back pullout design , simplifies inspection and maintenance.
- Compact , Light weight & yet rugged construction.



PERFORMANCE DATA FOR MSP SERIES

FLOW M3/HR AT DIFFERENT HEAD IN METERS RPM 3000

MODEL		Size	mm	HP	KG	3	6	9	12	15	18	24	30	36	45	60	75
3-110	Head in Mtr Bkw NPSH R	1 1/4"	7.5	1	15	15.2 0.43 0.6	13.7 0.55 1.5	11.5 0.63 2.8	9.9 0.68 4.3								
4-110	Head in Mtr Bkw NPSH R	1 1/2"	12	1.5	17	16.3 0.68 0.6	15.2 0.71 1	14.2 0.75 1.3	13 0.79 1.9	11.6 0.84 2.9	10 0.9 4.8						
5-120b	Head in Mtr Bkw NPSH R	2"	10	2	30	20 1.18 1.2	19 1.12 1.3	17.8 1.16 1.4	16.5 1.21 1.6	15.4 1.29 2.1	14 1.36 2.8	10.2 1.49 5					
5-120	Head in Mtr Bkw NPSH R	2"	13	3	30		19.8 1.1 1.2	18.9 1.17 1.3	18 1.22 1.6	17.1 1.29 2	16.1 1.36 2.8	13.7 1.56 5	10.3 1.73 7.3				
3-160	Head in Mtr Bkw NPSH R	1 1/4"	6	3	26	32 1.25 0.4	28.5 1.41 1	24.3 1.56 2	19.2 1.73 4.3	10 1.8 8							
6-120	Head in Mtr Bkw NPSH R	2 1/2"	20	5	40				19.2 1.58 0.9	18.5 1.6 1	18 1.66 1.1	16.7 1.79 1.5	15.5 1.97 1.9	14.4 2.15 2.7	12 2.45 4.4	4 2.65 9.2	
6-150	Head in Mtr Bkw NPSH R	2 1/2"	11	7.5	40				29 2.85 1.5	28 2.95 2	27 3.05 2.2	25 3.25 2.7	23 3.5 3.4	20.8 3.7 4.4	16 3.95 6.3		
6-160	Head in Mtr Bkw NPSH R	2 1/2"	12	7.5	40				35 3.55 2.5	34.5 3.7 2.5	34 3.2 2.6	34.4 4.25 3	31 4.6 3.8	29 4.95 5.4	22.5 5.3 7		
8-140	Head in Mtr Bkw NPSH R	80 MM	24	7.5	46					22.5 2.7 1.7	22 2.8 1.7	21 3 1.7	20.5 3.2 1.8	19.8 3.4 2	18.5 3.6 2.6	15 3.8 4.4	10.2 3.8 7.5