

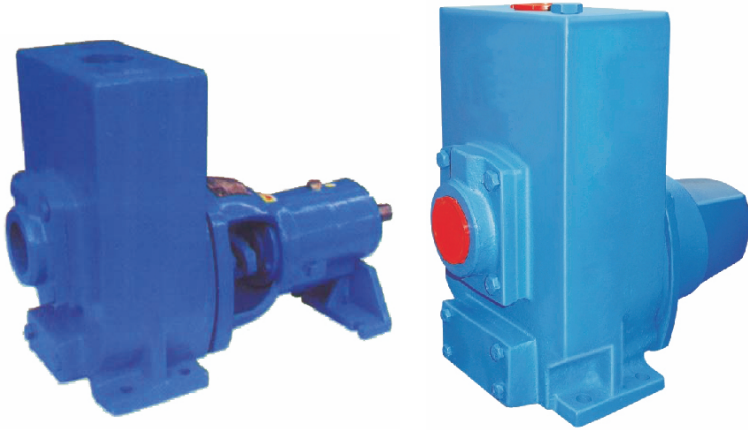
## "MSP" SERIES SELF PRIMING CUM CENTRIFUGAL TYPE MUD PUMPS

### 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.

### OPERATING RANGE

- **Capacity** : up to 75 M/Ĥr,
- **Head** : Up to 35m
- **Suction Head**: Up to 8 meters.
- **Material** : Cast Iron & Bronze,
- **Solids** : Up to 41 mm dia.
- **Viscosity** : Up to 100mm<sup>2</sup>/sec.



### PERFORMANCE DATA FOR MSP SERIES

#### FLOW M3/HR AT DIFFERENT HEAD IN METERS RPM 3000

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