

Horizontal Self Priming Centrifugal Mud Pumps

We are a company producing and supplying different types of Industrial Pumps. We offer Self Priming cum Centrifugal type Mud Pumps as mentioned here under.



Features:

- Excellent quick automatic priming action without foot valve up to 8 metres.
- Automatic air release during priming.
- Back pull design, so easy maintained without disturbing pipe lines.
- Dynamically balanced rotating parts ensure fewer vibrations.
- Better efficiency because of good hydraulic design.
- Non-clog impellers to handle solid particles up to 16 mm.
- Minimum parts, fast repairing at low cost, Also pump is available at
- Available in Bare, Coupled, Mono Block, Belt driven & Engine driven
- Also offered pump with trolley / trailer to move it from one place to
- Graded casting & perfect machining of all components ensure long life.
- ABLE TO OFFER PUMPS WITH CLOSED IMPELLERS FOR CLEAR LIQUIDS.
- Mono block pumps can be able to with stand with wide voltage fluctuations.
- Less expensive & easily available spares.
- Pumps can be fitted with mechanical seal as per customer's requirements.



SS SELF PRIMING CENTRIFUGAL PUMP



ENGINE DRIVEN PUMP



OPEN IMPELLER



SEMI OPEN IMPELLER

"" FLOW RATING CHART ""

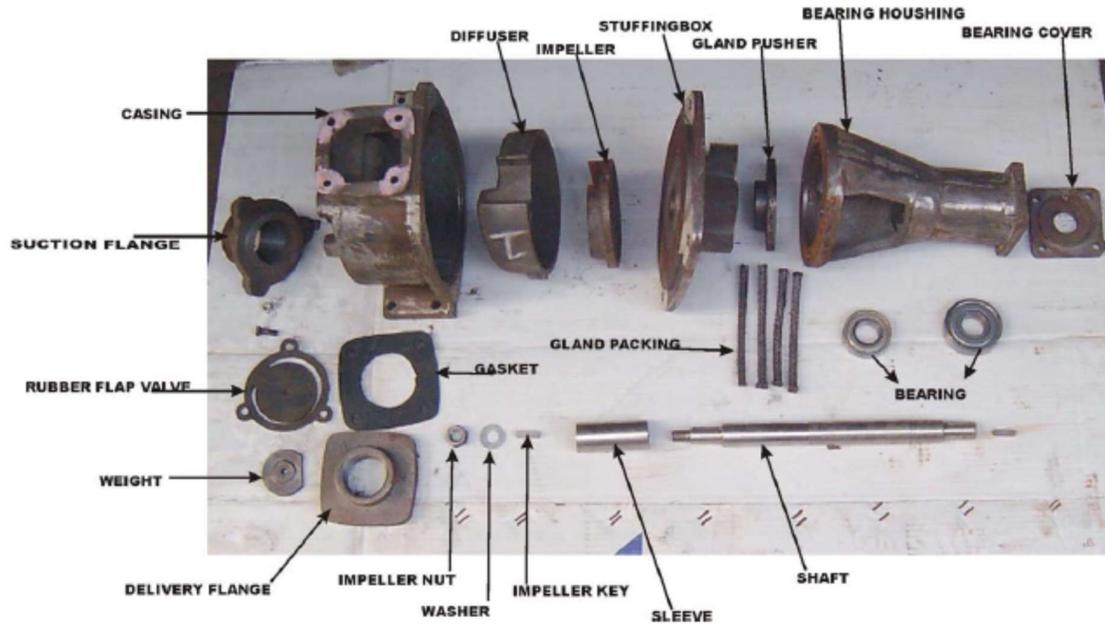
ASP MODELS

HP x RPM	PIPE SIZE	TOTAL HEAD IN METERS																	Sold Handling Size(M M)	
		6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30	32		34
		DESCHARGE LITERS PER SECOND																		
1.0 x 2900	40 x 40	4.8	4.2	3.5	2.5	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0
2 x 2900	40 x 40	-	-	6.5	5.8	5.1	3.8	2.6	0.7	-	-	-	-	-	-	-	-	-	-	8.5
3 x 2900	50 x 50	-	-	9.0	8.5	8.0	7.0	6.0	5.0	3.3	1.8	-	-	-	-	-	-	-	-	10.5
5 x 1450	80 x 80	18.0	16.6	15.1	12.3	9.2	5.5	-	-	-	-	-	-	-	-	-	-	-	-	7.0
5 x 2900	80 x 80	-	-	-	-	-	-	-	-	-	7.7	7.3	6.8	-	6.0	5.0	4.0	3.0	-	14.5
7.5 x 2900	80 x 80	-	-	-	-	-	-	-	-	-	13.8	13.6	13.3	-	13.0	10.5	8.8	7.0	6.0	14.5
10 X 1450	100X 100	-	-	34.9	32.7	31.3	28.8	27.5	24.4	22.8	21.3	17.2	12.9	10.0	6.7	-	-	-	-	18.5
12.5 X 1450	100 X 100	-	-	42.3	39.0	35.7	34.3	32.6	29.5	27.9	26.2	22.8	18.6	16.2	13.4	5.7	-	-	-	23.0

ABOVE ALL PERFORMANCES ARE TAKEN AT 2900 RPM, 50 Hz AND TESTED WITH CLEAR WATER

Application:

- **Public utilities: For pumping muddy water, sewage, polluted liquids, solid and in swimming pool.**
- **Dewatering Basements, Trenches, and Construction sites.**
- **Onboard shift, as bilge, for desk wash & engine cooling.**
- **Industrial: Petroleum product, Ceramic product Chemicals, Thermal plants etc.**
- **Tiles & Marble factories, effluent plants.**



PARTS/COMPONANTS

Material of Construction

- **Casing** : Cast iron / SS - 304 (CF - 8) SS - 316 (CF - 8M)
- **Impeller** : Cast iron / CF - 8 / CF -8m / Bronze
- **Diffuser** : Cast iron / CF - 8 CF - 8 M / Bronze
- **Shaft** : EN- 8 / SS - 304 / SS - 316
- **Sleeve** : SS - 410 / SS - 304 / SS - 316 / Bronze
- **Bearing Housing** : Cast iron
- **Sealing** : TIWA / carbon - Ceramic Seal / TC-TC Seal
