



**ALPHA GLOBAL** An ISO 9001:2015 Company

A-701, FAIRDEAL HOUSE, SWASTIK X ROAD, NAVRANGPURA, AHMEDABAD-380009

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## Horizontal Self Priming cum Centrifugal Type Mud Mono block Pump



### 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.

...2...



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**STAINLESS STEEL PUMP**



**ENGINE DRIVEN PUMP**



**OPEN AND SEMI OPEN IMPELLER**

## FLOW RATING CHART

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	
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...

...3...



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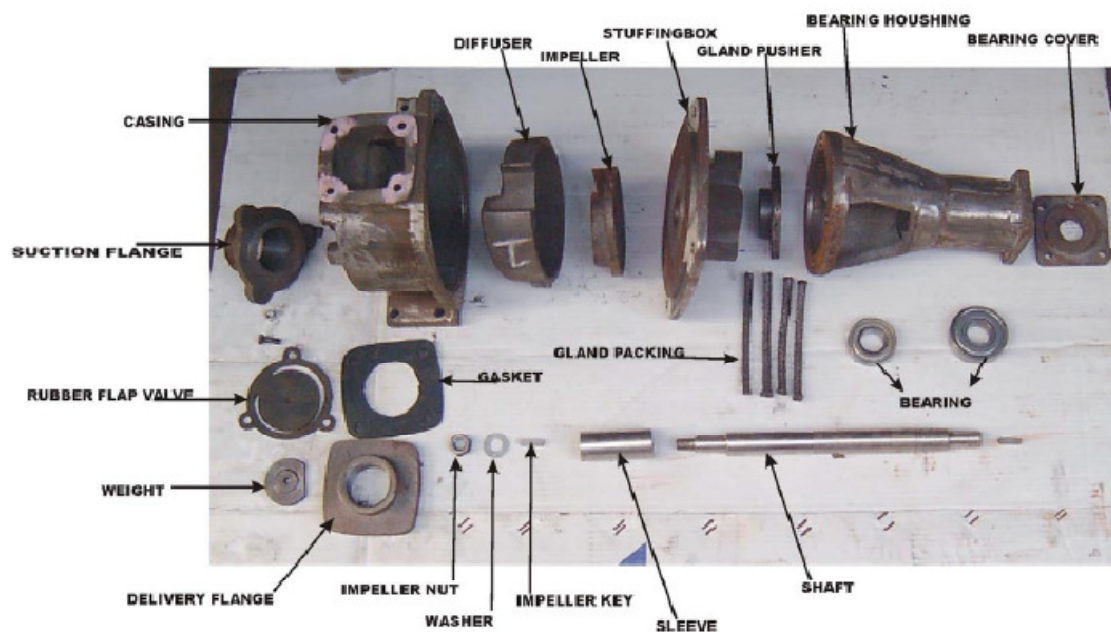
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## Application:

- **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

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