

SS / CI Centrifugal High Speed Pump :

We are a producer and supplier company of different types of Industrial Pumps. We offer Centrifugal Pumps in a wide range. These pumps are made of stainless steel SS-316/ cast Iron / PP / and PVDF centrifugal pumps mono-block and bare shaft pumps.



MONOBLOCK PUMPS



BARE SHAFT PUMPS

These pumps wetted parts are of stainless steel and widely used in different types of chemical and process industries. As these pumps are fabricated from steel, it is also widely used in dairy, food and beverages industries, wine, RO and DM plant, sea water applications. These pumps are available from 0.5 HP to 30 HP, head up to 90 meter and capacity up to 3000 LPM. We offer a wide assortment of stainless steel centrifugal pumps, which are extensively used in various engineering, fluid based and other industries for transporting of milk, juice, water, chemicals etc. These pumps are highly durable and innovatively designed, these pumps ensure trouble free and energy efficient performance.

Features:

- As all pumps are made from rolled stainless steel, mechanical properties are far superior than cast material.
- Super finish surface also ensure no ingress or emission of germs or impurities during pumping or idling which is basic requirement of sterile / hygienic application
- Pump can handle liquids having viscosities up to 1500 Centi Poise
- Pumps are highly energy efficient and requires less NPSH to function without cavitations
- Pore free, non-pitting and non-adhering smoother surface, so less friction losses, and less crevice corrosion.
- The pumps can work under a vacuum of 720 mm of Hg, suitable for vacuum evaporators.
- Pumps are available with closed/semi open impellers.
- The best elastomers are used in the pumps to provide optimum resistance for high temperatures and chemicals

RATING CHART :-

PUMP MODEL	POWER RATING		PIPE SIZE		TOTAL HEAD IN METER															
					6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
					CAPACITY IN LITERS PER MINUTES															
	KW	HP	SUC	DEL																
AGRMP-0515	0.37	0.5	25	25	120	114	108	60	12											
AGRMP-130	0.75	1.0	25	25			162	138	126	108	60	54	42	24	0.0					
AGRMP-115	1.5	2.0	40	40		324	282	228	102	90										
AGRMP-224	1.5	2.0	50	50				348	318	300	282	210	180	120	120	72				
AGRMP-325	2.2	3.0	65	50			552	528	504	474	444	420	384	348	294					
AGRMP-335	2.2	3.0	50	40				300	294	288	282	276	264	252	240	228	216	192	162	120
AGRMP-538	3.7	5.0	65	50								510	504	498	486	468	456	426	390	348
AGRMP- 830	5.5	7.5	80	65						1140	1092	1038	984	852	780	666				

PUMP MODEL	POWER RATING		PIPE SIZE		TOTAL HEAD IN METER													
					28	37	36	40	44	48	52	55	60	64	68	72	76	80
					CAPACITY IN LITERS PER MINUTES													
	KW	HP	SUC	INH														
AGRMP-550	3.7	5.0	50	40			246	234	222	162	120							
AGRMP-852	5.5	7.5	65	50		516	486	450	408	354	270	210						
AGRMP-1040	7.5	10.0	80	65	1068	954	798	570										
AGRMP-1065	7.5	10.0	65	50			450	426	408	384	360	318	258	180				
AGRMP-1348	9.3	12.5	80	65	1074	1020	960	888	696									
AGRMP-1372	9.3	12.5	65	50					480	474	468	456	432	372	336	180		
AGRMP-1555	11.0	15.0	80	65		1152	1098	1038	948	876	660	582						
AGRMP-1575	11.0	15.0	65	50						498	480	468	444	420	390	348	270	

- Performance are at 2900 RPM, 50 Hz and tested with Clear Water.
- Due to constant R & D activity, detail's are subject to change without prior Notice.

Material of Construction : -

Cast Iron / SS 316 / 316 L, Seal - Mechanical Seal Silicon Carbide V/S Silicon Carbide or as per customer's requirement



Bare shaft pump coupled with motor and fitted on an MS fabricated Base frame

Applications :

- Milk, Cream, Butter Milk Condensed Milk
- Fruit Juice, Beer, Wine, Sugar Syrup
- Vitamin Solutions, Sugar & Confectionery
- R O Water, DM Water, Pure Water.
- Vegetable Oil, Mineral Oil, Lube Oil etc.
- Pharmaceutical Formulations, Syrup etc.
- Alkaline Solution / Alcoholic Drinks.
- Acids, Fine Chemicals
- Bottling Plants, Soft Drinks & Distillery
- Food Processing / Liquid Food Stuffs
- Colour dyes and Pigments / Paints
- De-scaling Applications, Paper & Cement Industries
- Water Treatment Plants
- Detergent, Soaps, Paste & Shampoo
- Textile Sizing, Dyeing & Finishing Systems
- Natural Cellulose Fibre / Synthetic Fibre System
- Hot & Cold Water Pumping
