

"CF" SERIES

APPLICATION

- Milk, Cream, Butter Milk, Condensed Milk
- Fruit juice, Beer, Wine, Sugar Syrup
- Vitamin Solutions, Sugar & Confectionery.
- RO Water, DM Water, Pure Water. Water for Injection (WFI)
- Vegetable Oil, Mineral Oil, Lub 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
- Descaling Applications, Paper & Cement Industries
- Water Treatment Plants
- Detergent, Soaps, Paste & Shampoo
- Textile Sizing, Dyeing & Finishing Systems
- Natural Cellulose Fiber / Synthetic Fiber System
- Hot & Cold Water Pumping.

STAINLESS STEEL CENTRIFUGAL PUMP



FEATURES

- As all pumps are made from rolled stainless steel, mechanical properties are far superior than cast material.
- Pore free, non-pitting and non-adhering smoother surface, so lesser friction losses, and lesser service corrosion.
- Super finished surface also ensures no ingress or emission of germs or impurities during pumping or idling which is a basic requirement of sterile / hygienic application.
- Pump can handle liquids having viscosities up to 1500 centipoises.
- Pumps are highly energy efficient and requires lesser NPSH to function without cavitation.
- The pumps can work under a vacuum of 720 mm of Hg, suitable for vacuum evaporators.
- Pumps are available with cased/semi open impellers.
- The best elastomers are used in the pumps to provide optimum resistance for high temperatures and chemicals.
- Minimum working / rotating parts.
- Safe and quiet operation levels.
- Gentle product handling with lower maintenance and downtime cost.
- Dynamic combinations of seal faces as per customer's requirement (single seal / double seal, seal external cooling).
- Suitable for standard motor or flange type or foot cum flange type motor or engine
- Monoblock or bare pumps or with trolley.
- Also with flame proof motors.
- Various types of connection like - tri'clove joints SMS, flanges or threaded nipple/coupling.
- Pumps with adjustable legs, available on request.
- Special bearing for hot water application available on request.

RANGE

- **Size** : 12 MM TO 100 MM
- **Head** : 03 Meters to 76 Meters
- **Capacity** : Up to 1890 Lpm

MATERIAL OF CONSTRUCTION

- SS 304/ SS 316/ SS 304 L / SS 316 L
- Seal silicon carbide Or as per customer's requirement.



"CF" SERIES

WATER RATING CHART

MODEL	HP	SIZE	(HEAD IN METERS)DISCHARGE IN LPM AT 2900 RPM													
			4	6	8	10	12	14	16	18	20	22	24	26	28	30
CF-1	0.25	12 X 12	25	26	17	14	-	-	-	-	-	-	-	-	-	
CF-2	0.5	25 X 25	-	-	112	108	80	70	-	-	-	-	-	-	-	
CF-2A	0.5	40 X 40	-	-	210	175	60	-	-	-	-	-	-	-	-	
CF-3	1	25 X 25	-	-	-	-	140	130	122	100	95	80	70	30	-	
CF-3A	1	40 X 40	-	-	270	250	230	200	100	-	-	-	-	-	-	
CF-3B	1	50 X 50	-	-	370	350	300	200	-	-	-	-	-	-	-	
CF-4A	1.5	40 X 40	-	-	-	-	-	-	-	-	160	150	130	90 at 25 mtr		
CF-4B	1.5	50 X 40	-	-	-	-	280	250	220	180	150	80	-	-	-	
CF-5A	2	50 X 40	-	-	-	-	-	-	-	-	230	200	186	130	-	
CF-5B	2	50 X 50	-	-	-	-	325	290	245	180	120	-	-	-	-	
CF-5C	2	80 X 80	-	-	550	500	470	350	-	-	-	-	-	-	-	
MODEL	HP	SIZE	(HEAD IN METERS)DISCHARGE IN LPM AT 2900 RPM													
			6	8	12	16	20	24	28	32	36	40	45	48	54	56
CF-6A	3	50 X 40	-	-	-	-	230	200	180	150	75	-	-	-	-	-
CF-6B	3	65 X 50	-	-	575	520	265	225	-	-	-	-	-	-	-	-
CF-7A	5	50 X 40	-	-	-	-	-	-	-	260	230	190	145	90	-	-
CF-7B	5	65 X 50	-	-	-	650	580	520	300	210	150	-	-	-	-	-
CF-7C	5	80 X 80	-	-	1050	900	756	-	-	-	-	-	-	-	-	-
CF-7D	5	100X100	1296	1120	1080	648	-	-	-	-	-	-	-	-	-	-
CF-7E	5	80 X 65	-	-	-	750	650	556	345	-	-	-	-	-	-	-
CF-8A	7.5	50 X 40	-	-	-	-	-	-	-	290	280	250	225	190	120	60
CF-8B	7.5	65 X 50	-	-	-	-	-	700	640	575	470	270	-	-	-	-
CF-8C	7.5	100X80	-	-	1250	1150	950	800	-	-	-	-	-	-	-	-
MODEL	HP	SIZE	(HEAD IN METERS)DISCHARGE IN LPM													
			10	12	16	20	24	28	32	36	40	45	48	54	57	60
CF-8D	7.5	100X100	-	1458	1296	1080	750	-	-	-	-	-	-	-	-	-
CF-8E	7.5	80 X 65	-	-	1025	918	810	700	-	-	-	-	-	-	-	-
CF-9A	10	50 X 40	-	-	-	-	500	480	470	450	430	390	340	260	-	-
CF-9B	10	65 X 50	-	-	-	-	-	-	700	650	590	490	390	-	-	-
CF-9C	10	80 X 65	1270	1242	1180	1080	1026	918	810	700	486	-	-	-	-	-
CF-9D	10	100X100	-	1700	1560	1450	1566	1240	972	-	-	-	-	-	-	-
CF-10A	12.5	80 X 65	-	-	-	1026	972	950	918	810	756	540	-	-	-	-
CF-10B	12.5	100X100	-	-	1780	1725	1566	1242	648	-	-	-	-	-	-	-
CF-11A	15	65 X 50	-	52		56		60		64	68	72		76	Head in Mtr.	
			-	432		378		365		350	330	270		216	Discharge in lpm	
MODEL	HP	SIZE	(HEAD IN METERS)DISCHARGE IN LPM													
			20	24	28	32	36	40	44	48	52	54	-	-	-	-
CF-11B	15	80 X 65	-	-	-	1026	972	918	864	756	648	540	-	-	-	-
CF-11C	15	100X100	1890	1782	1620	1350	910	-	-	-	-	-	-	-	-	-
CF-12A	20	100X80	1782	1700	1620	1510	1458	1350	1188	1026	-	-	-	-	-	-

"CF" SERIES



FLANGE MOUNTED SS
BEARING HOUSING MONOBLOCK PUMP



DC 12VOLT
MONOBLOCK PUMP



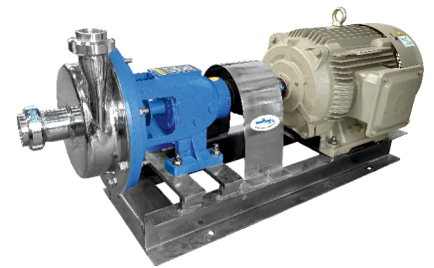
FLP
MONOBLOCK PUMP



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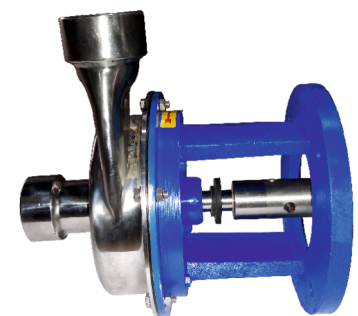
BARE PUMP WITH MOTOR



SELF PRIMING
FABRICATED PUMP



FLP MOTOR WITH
BASE FRAME & TROLLEY



FLANGE MOUNTED
BARE PUMP