

1<sup>st</sup> Floor, Above Bhairavnath Post Office,  
Opp Pragati Society, Nr. Meera Cross Roads  
Maninagar, Ahmedabad - 380028

Tele Fax : + 91-079-25431453, 8140179903

Website :- [www.sspumpsindia.com](http://www.sspumpsindia.com), E-mail :- [info@sspumpsindia.com](mailto:info@sspumpsindia.com).

## **STAINLESS STEEL CENTRIFUGAL PUMP**

### **“CF” SERIES**

These pumps are stainless steel centrifugal monobloc and bare pumps (coupled). These pumps are made from ss-304 or ss-316 sheet. The pumps are precisely fabricated. These pumps wetted parts are of stainless steel and widely used in 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 0.25 HP to 30 HP. head up to 90 meter and capacity up to 3000 LPM. The unique feature is international quality at affordable price with minimum delivery period.

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. Fabricated using high grade stainless steel, these pumps are acknowledged for high durability and flexibility. Innovatively designed, these pumps ensure trouble free performance and energy efficiency.

#### **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.



#### **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 VS silicon carbide Or as per customer's requirement.

## **PUMPS WHICH WE DELIVER HAS:-**

- Superior quality
- Value for money
- Trouble free performance
- Product customization
- Rapid delivery of both custom & standard pumps
- Higher efficiency
- Innovative design
- Responsibility of product/performance / service

## **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 less friction losses, and less service corrosion.
- 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 centipoises.
- Pumps are highly energy efficient and requires less 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 dosed/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.
- Dynamically 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
- Monobloc 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.

## **CF MONOBLOC COMPONENTS**





**Standard Pump with Nipple Connection Pump**



**Monoblock pump with Flame proof Motor (Nipple or Flange Connection)**



**Bare pump**



**Inline Fabricated Pump**



**Pump With Trolley**



**Pump with Self priming Chamber**



**Pump with Back side Suction Suitable for Filter press Application**



**Vertical Fabricated Pump as per Customers's Requirement**

**Note : Special Pumps for Higher Capacity and Head available on request**

## WATER RATING CHART

Model	H.P.	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	12X12	25	26	17	14	-	-	-	-	-	-	-	-	-	-
CF-2	0.5	25X25	-	-	112	108	80	70	-	-	-	-	-	-	-	-
CF-2A	0.5	40X40	-	-	210	175	60	-	-	-	-	-	-	-	-	-
CF-3	1	25X25	-	-	-	-	140	130	122	100	95	80	70	30	-	-
CF-3A	1	40X40	-	-	270	250	230	200	100	-	-	-	-	-	-	-
CF-3B	1	50X50	-	-	370	350	300	200	-	-	-	-	-	-	-	-
CF-4A	1.5	40X40	-	-	-	-	-	-	-	-	160	150	130	90 at 25 mtr		-
CF-4B	1.5	50X40	-	-	-	-	280	250	220	180	150	80	-	-	-	-
CF-5A	2	50X40	-	-	-	-	-	-	-	-	230	200	186	130	-	-
CF-5B	2	50X50	-	-	-	-	325	290	245	180	120	-	-	-	-	-
CF-5C	2	80X80	-	-	550	500	470	350	-	-	-	-	-	-	-	-
Model	H.P.	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	50X40	-	-	-	-	230	200	180	150	75	-	-	-	-	-
CF-6B	3	65X50	-	-	575	520	265	225	-	-	-	-	-	-	-	-
CF-7A	5	50X40	-	-	-	-	-	-	-	260	230	190	145	90	-	-
CF-7B	5	65X50	-	-	-	650	580	520	300	210	150	-	-	-	-	-
CF-7C	5	80X80	-	-	1050	900	756	-	-	-	-	-	-	-	-	-
CF-7D	5	100X100	1296	1120	1080	648	-	-	-	-	-	-	-	-	-	-
CF-7E	5	80X65	-	-	-	750	650	556	345	-	-	-	-	-	-	-
CF-8A	7.5	50X40	-	-	-	-	-	-	-	290	280	250	225	190	120	60
CF-8B	7.5	65X50	-	-	-	-	-	700	640	575	470	275	-	-	-	-
CF-8C	7.5	100X80	-	-	1250	1150	950	800	-	-	-	-	-	-	-	-
Model	H.P.	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	80X65	-	-	1025	918	810	700	-	-	-	-	-	-	-	-
CF-9A	10	50X40	-	-	-	-	500	480	470	450	430	390	340	260	-	-
CF-9B	10	65X50	-	-	-	-	-	-	700	650	590	490	390	-	-	-
CF-9C	10	80X65	1270	1242	1180	1080	1026	918	810	700	486	-	-	-	-	-
CF-9D	10	100X100	-	1700	1560	1450	1240	972	-	-	-	-	-	-	-	-
CF-10A	12.5	80X65	-	-	-	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	H.P.	Size	Head in Meters Discharge in LPM													
			20	24	28	32	36	40	44	48	52	54	-	-	-	-
CF-11B	15	80X 65	-	-	-	1026	972	918	864	756	648	540	-	-	-	-
CF-11C	15	100X 100	1890	1782	1620	1350	910	-	-	-	-	-	-	-	-	-
CF-12A	20	100X 80	1782	1700	1620	1510	1458	1350	1188	1026	-	-	-	-	-	-