

“CFS” 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 finish surface also ensure no ingress or emission of germs or impurities during pumping or idling which is a basic requirement of sterile hygienic application.
- Designed for CIP (clean in place) or manual cleaning
- Pumps are highly energy efficient and requires lesser NPSH to function without cavitations
- Pump can handle liquids having viscosities up to 1500 centipoises
- The pumps can work under a vacuum of 720 mm of Hg, suitable for vacuum evaporators.
- Pumps are available with open/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..

RANGE

- **Motor HP** : 0.25 HP TO 30 HP
- **Head** : 04 Meters to 80 Meters
- **Capacity** : 04 Lpm TO 2000 Lpm

MATERIAL OF CONSTRUCTION

- **Casing** : AISI 316 / 316L / 304L / 304
- **Impeller** : AISI 316 / 316L / 304L / 304
- **Wear Plate** : AISI 316 / 316L / 304L / 304
- **Shaft** : AISI 316 / 316L / 304L / 304
- **Seal** : TC/TC , SIC/SIC , SS/Carbon or even seal in special application
- **Motor Cover** : SS-304 / SS-202 / SS-316
- **Gasket** : Viton / Nitrile / Silicon / PTFE



SHEAR PUMP