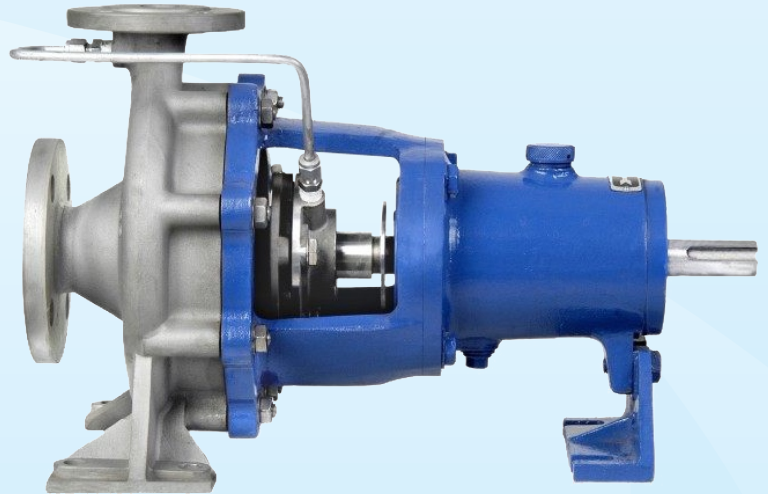




## CENTRIFUGAL PROCESS PUMPS

### ▶ CENTRIFUGAL PROCESS PUMPS MANUFACTURER FOR CHEMICAL AND INDUSTRIAL APPLICATION

[CPP]



Capacity - Q - up to	400 M <sup>3</sup> / hr
TDH - H - up to	140 MLC
Speed - n -	960 / 1450 / 2900 rpm
Temperature	10 ° C to + 250 ° C
Working Pressure	40 Bars
Pump Sizes - DN -	32 mm to 200 mm

"Kemflow" Series PPF pumps are "Centrifugal Process Pumps" in Back Pull-out Construction, Horizontal, Foot Mounted, Single stage, End suction and Top Centerline Discharge conforming to DIN 24256 / ISO 2858, standards and in general conforming to API 610 as well.

### PRODUCTS APPLICATIONS

#### INDUSTRIES

- Cooling Towers
- Chemicals, dyes & intermediates
- Oil extraction and waste oil refineries
- Bulk drugs & pharmaceuticals
- Effluent treatment plants
- Heating & Air Conditioning Plants

#### SERVICES

- Organic / inorganic Chemicals
- Hydrocarbons / Volatile Liquids
- Dyes & Intermediates
- Water Treatment & Distribution System
- Thermic Fluid / Hot Oil
- Corrosive / Abrasive Liquids

### CONSTRUCTIONAL OPTIONS

- Centrifugal Process Pumps Offered with closed or Semi Open impeller.
- Impellers are provided either with Back Vane or Back Wear Ring to minimize Axial Thrust and Gland Leakage.
- Flange Rating PN 16 to PN 64 and drilled to DIN standard to meet ISO 2858 requirements.
- Flange Rating to BS / ASA Standards also offered.
- Various Shaft Sealing Available are,
  - a. Gland Packing (NON ASB. depending on the service.)
  - b. Moulded Graphite Rings. (GRAFOIL PACKING)
  - c. Mechanical Seals. (Single or Double Mechanical Seal Arrangements.).
- Jacketing for heating/cooling offered for Casing, S/Box, Casing Pedestal and Bearing- Housing.
- Standard Bearing / Special Heavy Duty Bearing arrangements available.

### MATERIAL OF CONSTRUCTION

AS PER ASTM / DIN STANDARDS

- GRADED GREY CAST IRON
- CARBON STEEL (WCB) / ALLOY STEEL
- CF8, CF8M, CF3, CF3M (SS316L), ALLOY 20, CD4MCu
- NICKEL & Ni-ALLOYS, NI-RESIST, 2% NiCl, R 55, HASTELLOY -B / C
- GUN METAL / BRONZE