RUBBER LINED PUMP/CERAMIC COATED

FEATURES

- **Construction :**
  All wet parts coming in contact with liquid pumped are either lined on cast Iron or made appropriate corrosion resistance Non-Metalics.
- **Drive :**
  Pumps are mainly arranged from a coupling drive or V belt drive on request
- **Impeller :**
  Semi-Open type rubber lined Impeller handles maximum solid particles without load on pump's Efficiency
- **Shaft :**
  EN-9 OR SS 316
- **Sleeve :**
  Alloy-20 , Ceramic , FRP
- **Ball Bearing :**
  Inboard bearing is pressed on shaft (En-9 / SS 316) and is free to float axially in frame which carries radial load only. Outboard bearing is shouldered red and locked on shaft with locknut and washer and in bearing housing to carry radial and any unbalanced thrust load. All bearing fits are precision bored.
- **Gland Packing :**
  Pumps are fitted with gland packing compatible with the liquid to be handled.

APPLICTION

- Hydraulic Acid at all Concentrations
- Dilute Sulphuric Acid
- Pigment Slurries
- Lime Slurry / Milk of Lime
- Phosphoric Acid Solutions
- Paper Stock
- Industrial effluents
- Ore Slurries
- Acidic Slurries
- Abrasive Slurries
- Sea Water

OPERATING RANGE

- 10 M³/hr - 40 M³/hr
- Head Up to 20 meters
- Liquid Column

(**Higher Models Available on Request.**)



For Abrasive Liquids:
Suspension with fine abrasive solids
Up to 3 mm slurries , Calcium Hypochlorite,
Potassium Hypochlorite , Copper Oxychloride ,
Iron Ore Slurry, Coal Ash Slurry , River-Bed Gravel Abrasive Silt.

PTFE LINED PUMPS

FLUORO-POLYMER LINED-PVDF/FEP/PFA LINED

These pumps are designed for handling of most served industrials duties & available in variety of lining materials to suit different requirements involving highly aggressive media at elevated temperature.
The wet parts of the pumps are lined with following fluoro-polymers.
1) PVDF (Polyvinyldene fluoride)
2) FEP(Fluorinated ethylene propylene)
3) PFA (Perfluoroalkoxy)
These pump has excellent chemical as well as temperature resistance similar to PTFE & is cost effective alternative to expensive metals & alloys like hast alloy, tantalum, nickel etc.

OPERATING RANGE

- Permits applications all aggressive, corrosive or toxic media
- Up to 200°c with or without abrasive slurries
- **Max Head** : Up to 100 MWC
- **Max Capacity** : Up to 200 M³/hr