

Lobe Pump



Design Feature of our Lobe Pump

Stephenson Lobe pumps are designed for applications in chemical, personal care products, industrial applications, food and beverages industries.

Typical Applications:

- Food and beverage
- Personal Care
- Pharmaceuticals
- Bio-Technology

Rotor is available in variety of profiles to handle the media efficiently.

- Multi-lobe Rotor for thin liquids for improved accuracy and low pulsation.
- Bi-wing Rotor to handle viscous medium,
- Tri-Wing Rotor for thin liquids and soft paste.
- Helical Screw for enhance efficiency.

Salient Features:

- Product integrity is maintained as shearing is negligible.
- Self-draining casing to enhance CIP / SIP.
- Specially designed one piece rotor and gear case body for longer bearing and seal life.
- The pump and gear box casing is a one piece casting, thereby ensuring precise alignment, enabling accurate and reliable operation.
- Precise flow rate and reliable operation
- Reverse pumping possible.
- Loading and unloading now possible with the same pump.
- Hygienic front loading of mechanical seal ensure ease of maintenance.
- Sealing with Single Mechanical Seal with or without quench.
- Pump with foot mount, option for vertical port or horizontal port possible.
- The pump is suitable for CIP (Clean-in-Place), M.I.P (Maintenance-in-Place), and S.I.P (Sterilization-in-Place).
- The complete pump is manufactured in stainless steel
- Special Rotor Case profile for self-draining
- Capacity available from 30 LPM up to 900LPM, Pressure 15kg/cm² , Viscosity- 1,50,000cst