FEATURES & BENEFITS

- Vane pump design offers ANSI or DIN flanges, and IEC or NEMA motor mounts to conform to international standards for enhanced application flexibility.
- High pressure and high efficiency with thin liquids.
- 20 minute inline vane replacement reduces scheduled downtime.
- Harder components than other vane pumps extend pump life.
- 62 Rockwell C surface-hardened one-piece, 316 stainless steel casing.
- Silicon carbide sleeve bearings.
- Chrome oxide shaft coating.

LVP SERIES™
STAINLESS STEEL CONSTRUCTION | ROTARY VANE PUMP

CAPACITY
- 160 GPM (36 m³/h)

PRESSURE
- 200 PSI (14 BAR)

VISCOSITY
- 28 to 2,300 SSU (1 to 500 cSt)

TEMPERATURE
- -60°F to +350°F (-50°C to +175°C)
PORTING
- Opposite (180°)
- Flanged (ANSI or DIN)

SEALING
- Component Mechanical Seal
- Cartridge Mechanical Seal
- Cartridge Triple Lip Seal

MOUNTING
- Foot Mount
- Motor Mount (LVP40017 & LVP 40027 only)

DRIVES
- Offset Gear Reducer Drive
- Purchased Gear Reducer Drive
- Direct-Mounted Drive
- Motor Mounted Drive (LVP40017 & LVP 40027 only)

TYPICAL APPLICATIONS
- Acids & Alkalis
- Alcohols & Solvents
- Aqueous Solutions
- Monomers
- Hexane, Pentane
- Refined Fuels
- Reactor vessel ingredient metering
- Vacuum vessel service
- Suction lift applications
- Long suction or discharge line applications

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