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Пластинчато-шатунные насосы CORKEN модели Z



Product Applications: - Other Mobile Applications - Truck

Description

- Six blade design with blade drivers
- Mechanical seal with new silicon carbide seal seat
- O-ring construction throughout
- Internal relief valve is pre-set at the factory and is not adjustable
- Designed for propane, butane, ammonia, and other light liquids

Operating Specifications

Flow rate:	up to 385 gpm (1,457 l/min)
Working pressure:	up to 350 psi (24.1 bar)
Differential pressure:	up to 125 psi (8.6 bar)
Temperature range:	-25 to 225°F (-32 to 107°C)
Viscosity:	up to 20,000 SSU (4,250 cSt)

Overview

The Z-Series Coro-Vane® pumps offer a six blade design with blade drivers and a patented needle roller thrust bearing rated for 4,000 lbs. The needle roller thrust bearings protects the pump against dynamic impact loads imposed on the pump by the drive system. Premature failures due to axial thrust loads are minimized on truck applications. With O-ring construction throughout, they are rated for 400 psi (28.6 bar) working pressure. Since the Z-models sliding vane pumps are used primarily in **LPG (propane & butane)** and agricultural **ammonia** applications, the non-adjustable internal relief valve is pre-set at the factory and does not require adjustments in the field.

Z-Series pumps are a great option for other liquefied gases with high vapor pressures such as natural gas liquids (NGLs), refrigerants, CO2, and many more. Applications include bulk pump transfer, propane delivery truck, and transport. Available in 2", 3" and 4" sizes.

Construction

- Designed for high pressure applications with a maximum working pressure of 400 psi (27.6 bar)
- Available in foot and truck mounted designs
- O-ring construction
- Six vanes/blades design with vane drivers
- Mechanically seal design with silicon carbide seal seat
- Depending on the model, available with NPT or Class 300 RF flanges
- Approved by Underwriters' Laboratories (UL) for LPG and agricultural ammonia service
- Hydraulic drive option available

Applications

- Terminal
- Bulk plant
- Truck and Transport
- Mobile (trailers & portable skid units)

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