

PB 40

Sliding Vane Pump

4" 1800lpm



METERS

> Technical Data

Input – Output: 4" x 4" Standard

Type of Flange: Square with BSPT thread

Flow Rate: 1500 – 1800 lpm (396 – 475 gpm)

Rotary Speed: 500 rpm

Pressure: 12 bar (175 psi)

Liquid Viscosity: 20,000 SSU

Working Temperature: -30 °C to +70 °C

Max. Temperature of Liquid: +149 °C

Power: 14.7Kw (20hp) for 520rpm – 1800 lpm

11.7Kw (16hp) for 300rpm – 1500 lpm



Highlights:

- Excellent self-priming and dry run capabilities
- Easy maintenance, vanes can be easily replaced without removing the pump from the piping system
- Adjustable relief valve protects pump against excessive pressures
- Symmetrical bearing support assures even loading and wear for long life Meets Worldwide Weights and Measures Standards
- External ball bearings are isolated from pumpage by mechanical seals to maximize bearing life and minimize contamination risk



Meters Control Sliding Vane Pumps offer the optimal solution in a variety of applications, in which transfer of petroleum products is implicated and high efficiency required.

Meters Control Rotary Pumps utilizing unique sliding vane design which offers the best combined characteristics of sustained high level performance, energy efficiency, trouble free operation and low maintenance cost.

The **MC** Series Vane Pumps are designed and engineered in Europe and pass through rigorous tests according:

> Directive 94/9/EC (ATEX)

that ensures maximum safety.

TYPICAL APPLICATIONS

Check of loading / unloading operations of fuel and petrochemical products in fuel bulk plants and/or refineries.

Typical applications include fuel oils, lube oils, jet fuels, gasoline, edible oils and a variety of solvents and thinners such as, ketones, naphthas, amines, aromatics, alcohols, terpenes, glycols and many other similar liquids.

Designed to handle a wide range of noncorrosive, nonabrasive industrial liquids and petroleum products.

On truck tanker for fuel transport and delivery

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