

Technical Data

Input – Output: 1 1/2" x 1 1/2" Standard (2" Optionally)
Type of flange: ANSI, Square NPT, BSPF
Flow Rate: 25 – 250 lpm (7 – 70 gpm)
Standard measure unit: Litres (US Gall on optionally)
Max Pressure: 10.3 bar (150 Psi)
Repeatability: 0.05%
Accuracy: $\pm 0.12\%$ over a range of 5:1
Viscosity Range: 30 to 1,500,000 SSU (1 to 325,000 cps)
Working Temperature: -30°C to +70°C
Absolute compatibility with all Veeder Root components.

Highlights:

- Lack of internal friction (No metal-to-metal contact)
- Reduced number of parts
- Long lifetime
- Self-lubricating
- Low and easy maintenance
- Low drop pressure between parts
- Simple and robust design
- Bi-directional liquid flow
- Meets Worldwide Weights and Measures Standards
- Repeatability under diverse conditions and products

Positive Displacement Flow meters offer the ideal solution in a variety of applications, in which transfer of petroleum products is implicated and high accuracy is required.

Positive Displacement flow Meters use the long time proven technology of Tri-Rot or Vane, with no friction due to the precise accuracy tolerances of the principle.

The MC Series Flow Meters are designed and engineered in European Union and they are certified according to:

Directive 94/9/E C (ATEX)

Directive 2004/22/E C (MID)



Advantage

Continuous Accuracy over a wide range of transfer conditions:

- flow rates
- pressure rates
- product temperature variations
- liquid viscosity

Typical Applications

Check of loading/unloading

Operations of fuel and petrochemical products in fuel bulk plants and/or refineries

On truck tanker for fuel transport and delivery

Heavy duty fuel dispensing system for big vehicles and air planes