MC 540

4" 1700lpm

Positive Displacement Flow Meter

> ## Technical Data

Input – Output: 4" x 4" Standard

Type of flange: ANSI, Square NPT, BSPF

Flow Rate: 130 – 1700 lpm (45 – 450 gpm)

Standard measure unit: Litres (US Gallon optionally)

Max Pressure: 10.3 bar (150 Psi)

Repeatability: 0.02%

Accuracy: ±0.12% over a range of 5:1

Viscosity Range: 30 to 1,500,000 SSU (1 to 325,000 cps)

Working Temperature: -30 ^{0}C to +70 ^{0}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 condititions and products

Advantage

Continuous Accuracy over a wide range of transfer conditions:

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

Meters Control 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.

Meters Control Positive Displacement flow Meters use the long time proven technology of Tri-Rotor and 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.

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 airplanes