



Series 6600 : P. D. Flowmeters

For Fuels / Solvents / Chemicals / Lube Oils.



Specifications

Size	: DN 06 / 15 / 20 / 25 / 40 / 50 / 80
Flow Accuracy	: 3.0 - 24000 LPH
Accuracy	: $\pm 0.5\%$ of reading
Repeatability	: $\pm 0.1\%$ of reading
Operating Pressure	: 10 Kg / cm ² Max.
Operating Temperature	: 150° C
Filter Mesh Size	: 150 micron SS Mesh Reusable Type
Read Out Option	: a) Self Powered Totaliser b) Rate Indicator Totaliser c) Rate Indicator Totaliser + 4 - 20 mA output d) Rate Indicator Totaliser + RS485 Serial Output
End Connections	: Flange : ANSI / BS / DIN Screw : BSP / NPT Female Threads
Material of construction	: Wetted Parts : Aluminium / SS 316 / PVC Piston : PEEK / PVC Seals : BUNA N / Viton / EPDM / Teflon

Introduction

The Fluidyne Positive Displacement Flowmeters are based on the time tested Oscillating Piston design. A single moving component in the assembly ensures extremely reliable operation for long period of operation. Use of state of the art solid state magnetic sensor, ultra low powered electronic sensor provides for all the simplicity of a mechanical P.D. Flowmeter and the reliability of electronic sensing and read outs.

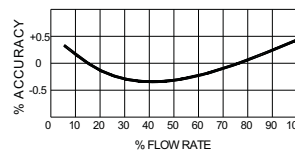
Features

- Wide operating flow range of 3.0 to 24000 LPH
- Guaranteed accuracy of $\pm 0.5\%$ of reading
- Low pressure drop allows gravity head operation.
- Operation at maximum 150° C temperature possible.
- Self powered electronics ensures fit and forget operation.
- Choice of weather-proof and flame-proof electronic enclosures.
- Built in high capacity reusable wire mesh filter.
- S.S and Plastics builds to suit corrosive liquids.

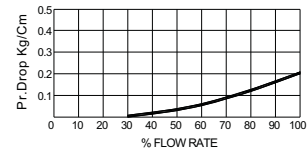
Size Vs Flowrange Table

Flowmeter Size NB	Operating Flow Range LPH
DN06	3-60
DN15	60-600
DN20	150-1500
DN25	240-2400
DN40	600-6000
DN50	1200-12000
DN80	2400-24000

TYPICAL ACCURACY CHARACTERISTICS
Test Fluid : Diesel



TYPICAL PRES. DROP CHARACTERISTICS
Test Fluid : Diesel



Applications

Meter + Integral W/P Indicator

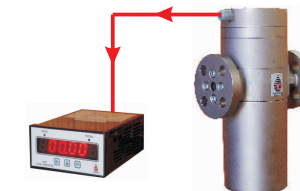


Meter + W/P Pulse Transmitter

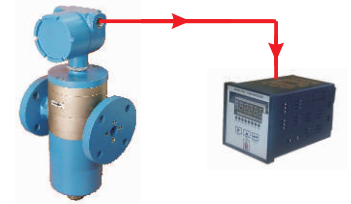
Meter + Integral FLP Indicator



Meter + FLP Pulse Transmitter



Remote W/P Indicator
Rate + Totaliser



Remote W/P Indicator
Rate + Totaliser
+ 20 mA Analog Output
or Rs485 Serial Output