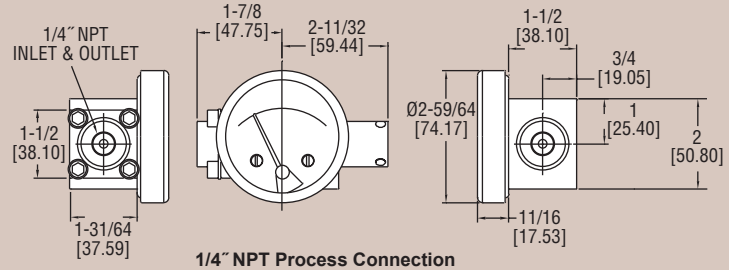




Series
DTFF

Fixed-Orifice Flowmeter for Low Flow Rates

316 SS Body, Oil/Gas/Water Calibration



The Series DTFF Fixed-Orifice Flowmeter for Low Flow Rates measures water, oil, or air flow rates with great accuracy at a competitive price. Rugged stainless steel construction ensures great compatibility and is an excellent choice for high line pressure applications, with a maximum pressure of 3000 psig (200 bar). This is all without sacrificing the sensitivity required for low flow measurements. Available in a wide range of flow rates for each calibration, with stainless steel construction as standard. Comes pre calibrated for horizontal in-line mounting.

SPECIFICATIONS

Service: Compatible gases & liquids & oils.

Wetted Materials:

- Body: 316 SS;
- Spring: 302 SS;
- Range spring: 302 SS;
- Magnet: PTFE-coated;
- Orifice piston: Acetal;
- Diaphragm: Fluoroelastomer.

Temperature Limit: -22 to 200°F (30 to 93°C).

Pressure Limit: 3000 psig (200 bar).

Accuracy: Liquid/oil calibration: ±2% FS; Air calibration: ±5% FS.

Repeatability: ±1% FS.

Size: Diameter dial face 2.5" (63.5 mm).

Process Connections: 1/4" female NPT.

Weight: 4 lb (1.81 kg).

Model	Range	Calibration	Model	Range	Calibration
DTFF-1S-4W	0 to 4 GPH	Water	DTFF-1S-4O	0 to 4 GPH	Oil
DTFF-1S-5W	0 to 5 GPH	Water	DTFF-1S-5O	0 to 5 GPH	Oil
DTFF-1S-8W	0 to 8 GPH	Water	DTFF-1S-8O	0 to 8 GPH	Oil
DTFF-1S-10W	0 to 10 GPH	Water	DTFF-1S-10O	0 to 10 GPH	Oil
DTFF-1S-15W	0 to 15 GPH	Water	DTFF-1S-15O	0 to 15 GPH	Oil
DTFF-1S-20W	0 to 20 GPH	Water	DTFF-1S-20O	0 to 20 GPH	Oil
DTFF-1S-25W	0 to 25 GPH	Water	DTFF-1S-25O	0 to 25 GPH	Oil
DTFF-1S-40W	0 to 40 GPH	Water	DTFF-1S-40O	0 to 40 GPH	Oil
			DTFF-1S-5A	1.5 to 5 SCFM	Air