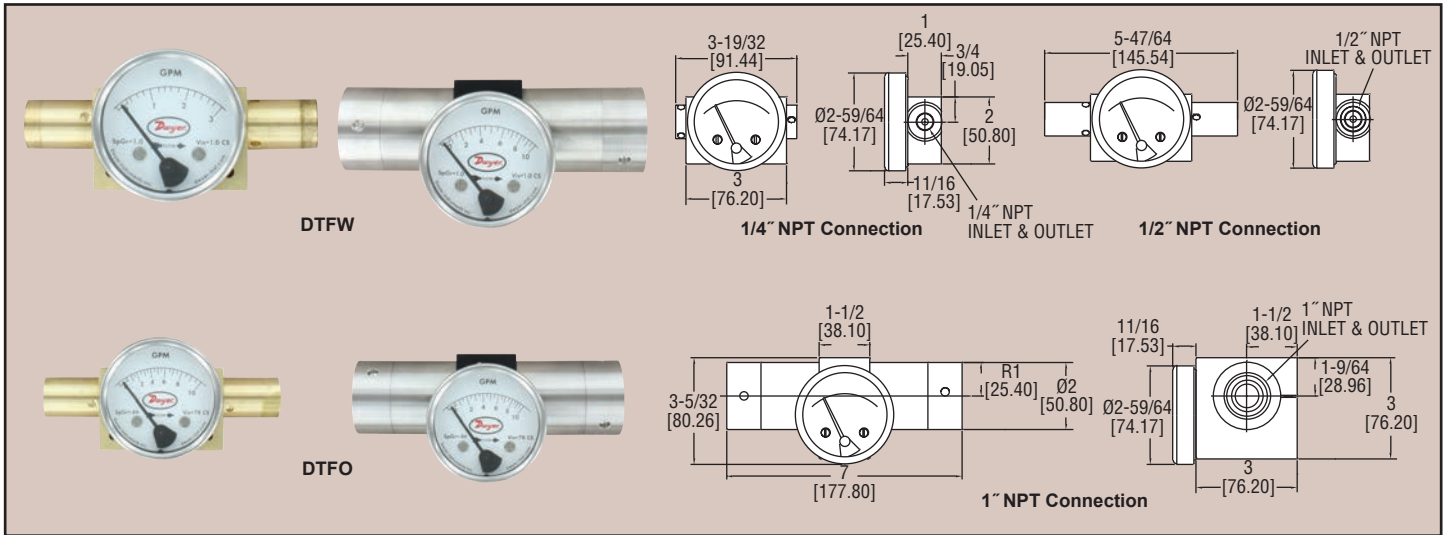




Series
DTFW &
DTFO

Variable-Area Flowmeter for Liquids and Oil

In-Line Mounting, 2% FS Accuracy, Brass & 316 SS Body, 2% FS Accuracy



The Series DTFW Variable-Area Flowmeter for Liquids measures water flow rates with $\pm 2\%$ of full-scale accuracy at a competitive price. Durable metal construction ensures great compatibility and the strength to withstand system pressures of up to 3000 psig (200 bar). 1/4", 1/2" and 1" connections are available, with construction choices of a high quality brass or stainless steel. Comes pre-calibrated for horizontal in-line mounting.

The Series DTFO Variable-Area Flowmeter for Liquids measures oil rates with $\pm 2\%$ of full-scale accuracy at an affordable price. Durable metal construction ensures great reliability and the strength to withstand system pressures of up to 3000 psig (200 bar). Available in 1/4", 1/2" and 1" connections for a wide variety of applications. Comes calibrated for horizontal in line mounting.

SPECIFICATIONS

Service:

- DTFW: Compatible liquids;
- DTFO: Compatible oils.

Wetted Materials:

- Body: 316 SS or brass;
- Spring: 302 SS;
- Range spring: 302 SS;
- Magnet: PTFE-coated;
- Metering cone: Acetal or PTFE;
- Seals: Buna.

Temperature Limits: -40 to 200°F (-40 to 93°C).

Pressure Limit: DTFW-3S: 1500 psig (100 bar); All other DTFW models: 3000 psig (200 bar); DTFO-1B and DTFO-2B: 3000 psig (200 bar); DTFO-3S: 1500 psig (100 bar).

Accuracy: $\pm 2\%$ FS.

Repeatability: $\pm 1\%$ FS.

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

Process Connection: See model chart.

Weight: DTFW-1B and 1S: 3 lb (1.36 kg); DTFW-2B and 2S: 5 lb (2.27 kg); DTFW-3S: 10 lb (4.54 kg); DTFO-1B: 3 lb (1.36 kg); DTFO-2B: 5 lb (2.27 kg); DTFO-3S: 10 lb (4.54 kg).

Model	Range, GPM Water	Connection	Body	Metering Cone	Model	Range, GPM Water	Connection	Body	Metering Cone
DTFW-1B-1W	0 to 1	1/4" NPT	Brass	Acetal	DTFW-2B-8W	0 to 8	1/2" NPT	Brass	Acetal
DTFW-1B-2W	0 to 2	1/4" NPT	Brass	Acetal	DTFW-2B-10W	0 to 10	1/2" NPT	Brass	Acetal
DTFW-1B-3W	0 to 3	1/4" NPT	Brass	Acetal	DTFW-2S-1W	0 to 1	1/2" NPT	SS	Acetal
DTFW-1B-4W	0 to 4	1/4" NPT	Brass	Acetal	DTFW-2S-2W	0 to 2	1/2" NPT	SS	Acetal
DTFW-1B-5W	0 to 5	1/4" NPT	Brass	Acetal	DTFW-2S-3W	0 to 3	1/2" NPT	SS	Acetal
DTFW-1S-1W	0 to 1	1/4" NPT	SS	Acetal	DTFW-2S-4W	0 to 4	1/2" NPT	SS	Acetal
DTFW-1S-2W	0 to 2	1/4" NPT	SS	Acetal	DTFW-2S-5W	0 to 5	1/2" NPT	SS	Acetal
DTFW-1S-3W	0 to 3	1/4" NPT	SS	Acetal	DTFW-2S-8W	0 to 8	1/2" NPT	SS	Acetal
DTFW-1S-4W	0 to 4	1/4" NPT	SS	Acetal	DTFW-2S-10W	0 to 10	1/2" NPT	SS	Acetal
DTFW-1S-5W	0 to 5	1/4" NPT	SS	Acetal	DTFW-3S-10W	0 to 10	1" NPT	SS	PTFE
DTFW-2B-1W	0 to 1	1/2" NPT	Brass	Acetal	DTFW-3S-15W	0 to 15	1" NPT	SS	PTFE
DTFW-2B-2W	0 to 2	1/2" NPT	Brass	Acetal	DTFW-3S-20W	0 to 20	1" NPT	SS	PTFE
DTFW-2B-3W	0 to 3	1/2" NPT	Brass	Acetal	DTFW-3S-25W	0 to 25	1" NPT	SS	PTFE
DTFW-2B-4W	0 to 4	1/2" NPT	Brass	Acetal	DTFW-3S-30W	0 to 30	1" NPT	SS	PTFE
DTFW-2B-5W	0 to 5	1/2" NPT	Brass	Acetal					

*For oil compatible models, substitute all W's for O's in model number.

Example: DTFW-1B-1W (0 to 1 GPM water). DTFO-1B-1O (0 to 1 GPM oil).

Not available in 1/4" or 1/2" SS.