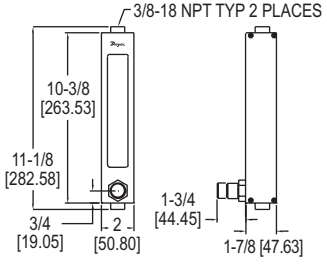
ROTATABLE SCALE FLOWMETERS

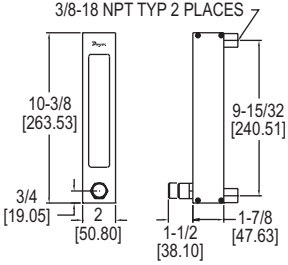
Dual, Rotatable Direct Reading Scales for Air and Water

In-line meter

Panel mount meter



In-line meter



Panel mount meter

The **Series RSF Rotatable Scale Flowmeters** are ideal for the direct flow measurement of air, water, and other commonly used gases. These flowmeters are designed with direct read scales with no need for correlation charts and graduations are marked on a rotating, polycarbonate tube shield. They feature borosilicate glass tubes with brass and SS metering valve options.

FEATURES/BENEFITS

- Reflective lens background and 1.5 X magnification lens reduces parallax and eye fatigue saving time and allowing for a more accurate reading
- Long operating life with thick polycarbonate front shield that protects tube from breakage and serves as a magnifying lens to enhance reading resolution
- Increased protection with included safety blow-out back panel for added safety in the event of breakage

APPLICATIONS

- Gas or liquid metering
- Water and air pollution analysis systems

SPECIFICATIONS

Service: Compatible gases or liquids.
Wetted Materials: Flowtube: Borosilicate glass; Float: Brass/SS models: 316 SS; PTFE models: PTFE; Float stops: Brass/SS models: 316 SS; PTFE models: PTFE; End fittings: Brass/SS models: Brass or 316 SS; PTFE models: PTFE; O-rings: Brass/SS models: Fluoroelastomer; PTFE models: PTFE.
Temperature Limit: 250°F (121°C); PTFE models: 150°F (65°C).
Pressure Limit: 150 psig (10.34 bar) @ 200°F (93°C). PTFE models: 100 psig (6.7 bar).
Accuracy: ±7% FS.
Repeatability: ±0.25% FS.
Scale: Direct Reading 127 mm scales for air and water.
Turn-Down Ratio: 10:1.
Connections: Two 3/8″ female NPT.
Mounting: Vertical or panel mount.
Panel Cutout: Drill two 7/8″ diameter holes 9.469″ (240.5 mm) apart (for panel mount meters only).
Valve: 6-turn needle (standard on models indicating “with valve”).

MODEL CHART

Brass & SS Vertical In-Line Meters						Brass & SS Panel Mount Meters					
Model Without Valve		Model With Valve		Max. Flow Rate		Model Without Valve		Model With Valve		Max. Flow Rate	
Brass	SS	Brass	SS	Air SCFM (SLPM)	Water GPM (LPM)	Brass	SS	Brass	SS	Air SCFM (SLPM)	Water GPM (LPM)
RSF011	RSF111	RSF011V	RSF111V	5 (140)	1.2 (4)	RSF021	RSF121	RSF021V	RSF121V	5 (140)	1.2 (4)
RSF012	RSF112	RSF012V	RSF112V	10 (280)	2 (8)	RSF022	RSF122	RSF022V	RSF122V	10 (280)	2 (8)
RSF013	RSF113	RSF013V	RSF113V	15 (425)	3 (11.5)	RSF023	RSF123	RSF023V	RSF123V	15 (425)	3 (11.5)
RSF014	RSF114	RSF014V	RSF114V	20 (575)	4 (15)	RSF024	RSF124	RSF024V	RSF124V	20 (575)	4 (15)
RSF015	RSF115	RSF015V	RSF115V	30 (900)	5 (20)	RSF025	RSF125	RSF025V	RSF125V	30 (900)	5 (20)

Note: For PTFE models select RSF2XX_ (not available for all models).

OPTIONS	
Use order code:	**Description**
NISTCAL-FL1	NIST traceable calibration certificate

USA: California Proposition 65
⚠WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov