

FV Series

Differential Pressure Flow meter
to Provide Reliable Flow Solution

■ FV General Specifications

Size	15A (1/2") - 50A (2")
Process Connection	Flange type - KS / JIS / ANSI / ASME / DIN Std. Taper Pipe Thread type (PT)
Measured Fluid	Gas and Liquid
Flow Ranges	Water - 0.5 m ³ /h ~ 18 m ³ /h Air - 4 Nm ³ /h ~ 162 Nm ³ /h
Accuracy	±2.0 % F.S (Option ±1.0 % F.S)
Fluid Temperature	Max 120 °C
Max. Pressure	Max. 5 kgf/cm ² .G

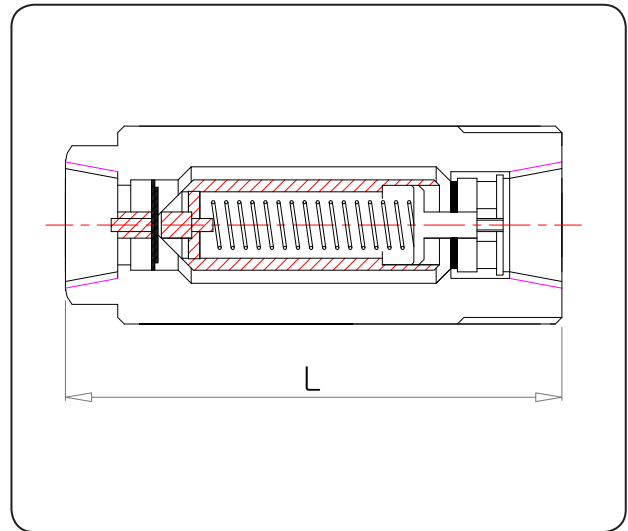
■ MODEL CODE

F V	-	□	Specification
		F	Flange
		T	Screw

STANDARD MATERIAL

Description	Material
Body	BRASS, 304SS
Spring	304SS
Axis	304SS
Hydraulic Pressure Plate	304SS
Nut	304SS
Strainer	304SS

STRUCTURAL DRAWING



FLOW RANGE & DIMENSIONS

Connection size		H ₂ O 표준작동차압용		Air (차압 0.5 kgf/cm ² .G)	
		Flow Rate (m ³ /h)	One Scale (kgf/cm ² .G)	Flow Rate (Nm ³ /h)	One Scale (kgf/cm ² .G)
15A	1/2 B	0.5 ~ 1.2	0.3 ~ 5	4 ~ 12	0.05 ~ 5
20A	3/4 B	0.9 ~ 2.5	0.4 ~7	6 ~ 18	0.05 ~ 5
25A	1 B	1 ~ 4	0.4 ~7	8 ~ 30	0.05 ~ 5
32A	1-1/4 B	1.2 ~ 6.5	0.4 ~7	10 ~ 48	0.05 ~ 5
40A	1-1/2 B	2 ~ 10	0.4 ~7	15 ~ 90	0.05 ~ 5
50A	2 B	3 ~ 18	0.4 ~7	20 ~ 162	0.05 ~ 5