



FCVN Series

Differential Pressure Flow meter
to Provide Reliable Flow Solution

FCVN General Specifications

Size	10A (3/8") - 15A (1/2")
Process Connection	Flange type - KS / JIS / ANSI / ASME / DIN Std. Taper Pipe Thread type (PT)
Measured Fluid	Gas and Liquid
Flow Ranges	Water - 0.6 L/h ~ 500 L/h Air - 10 NL/h ~ 7000 NL/h
Accuracy	±2.0 % F.S (Option ±1.0 % F.S)
Fluid Temperature	Max 120 °C
Max. Pressure	SS400 - Max. 10 kgf/cm ² .G 304SS - Max. 30 kgf/cm ² .G

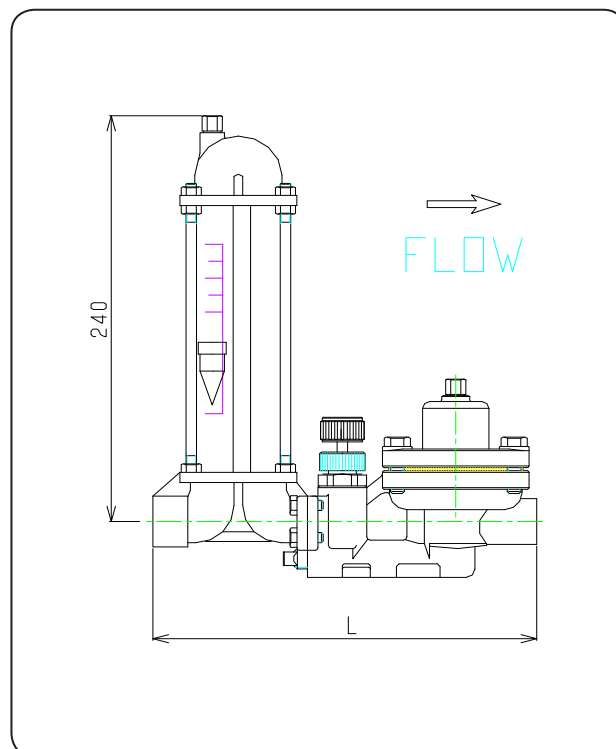
MODEL CODE

F C V N	-	☐	Specification
		F	Flange
		T	Screw

STANDARD MATERIAL

Description	Material		
	A	B	C
Body	BC	SCS14	SCS14
Spring	304SS		
Diaphragm	NEOPRENE	NEOPRENE	PTFE, PVC
Flow control valve	304SS		
Taper Tube	PYREX GLASS		
Float	304SS, RUBY, PTFE, ALUMINUM, PVC		
Flange	SS400	304SS	316SS
Other	BC	304SS	316SS

STRUCTURAL DRAWING



FLOW RANGE & DIMENSIONS

Connection size		Standard Operating Pressure (0.3~3 kgf/cm ² /G)		L (mm)	
		Water (L/h)	Air (NL/h)	Screw	Flange
10A	3/8 B	0.6 ~ 4	10 ~ 80	220	290
		2 ~ 15	40 ~ 300		
		4 ~ 30	100 ~ 600		
		6 ~ 50	150 ~ 1200		
15A	1/2 B	15 ~ 80	300 ~ 2000		
		20 ~ 120	500 ~ 3000		
		30 ~ 200	600 ~ 4000		
		50 ~ 300	700 ~ 5000		
		100 ~ 500	1000 ~ 7000		