

FSG210-series

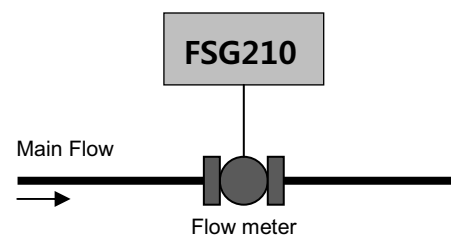
Positive Displacement flow meter

FSG210 ▶▶▶



Feature

- 316ss or PPS or Aluminium
- High pressure and temperature Capability
- 2 x 12 character, LCD
- Exd IIB T6 enclosure
- Fully scaleable 4 to 20mA output, Pulse
- Simple insertion design



Applications

- Industry process water
- Pure water and chemical production
- Filtration system
- Cooling system
- HVAC system
- For Oil System

Positive Displacement flow meter

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General

Accuracy $\pm 0.5\%$ of Reading

Repeatability $\pm 0.1\%$

Maximum operating temperature
-20°C ~ +120°C std

Connection NPT, PT, Flange (KS 10k RF std)

Material

Body 316 SS/Aluminium/PPS

Rotor 316SS/Aluminium/PPS

Rotor Shaft 316SS

Rotor Type Oval Gear

Enclosure

Dimension 75mm(H) x 55mm(W) x 109.5mm(D)

Material Aluminium

Enclosure class Ex d IIB T6

Internal electronics

The internal electronics consists
Of the model FT-210, FT-220
Flow transmitter mounted directly
On the flow meter

Display

2- line 12-character LCD
Fully programmable for rate, Total
and accumulated total

Operation Temperature

-0 to 55 °C

Power

DC 24v 6VA or AC 110 ~ 220 or Battery

Output

Pulse open collector

Analog 4-20mA / isolated

Relay high and low (Option)

Standards and Approvals

CE

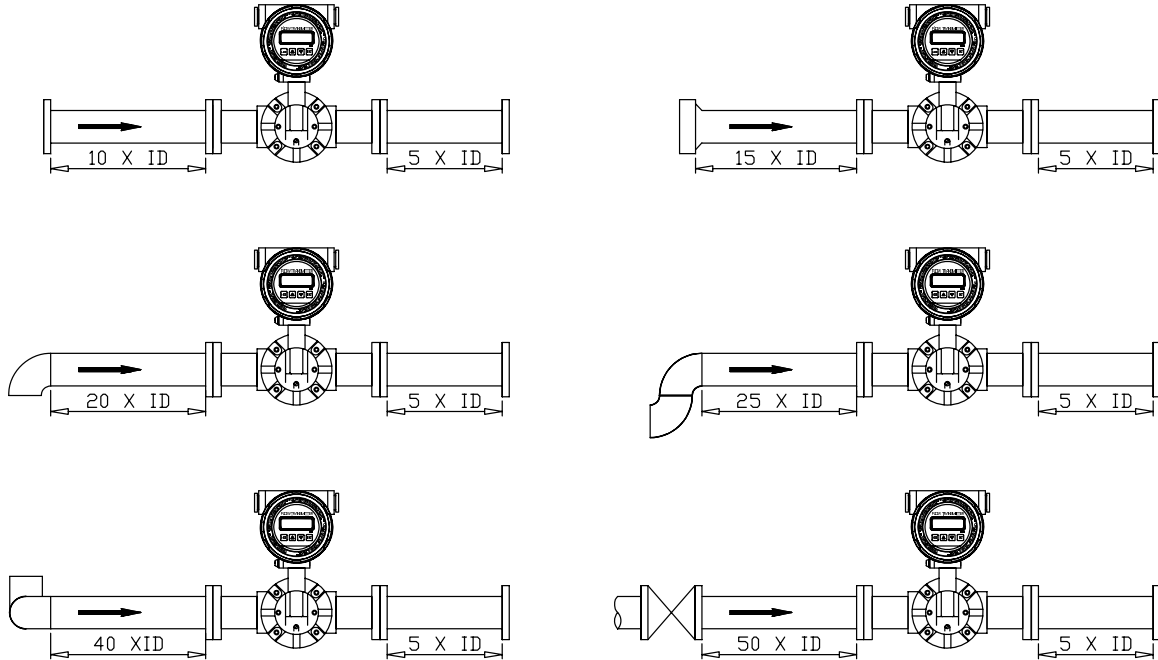
Manufactured under **ISO 9001**



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Installation guide



Side View



Positive Displacement flow meter

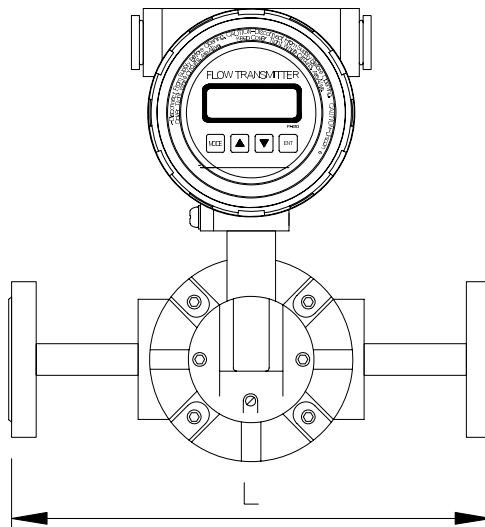
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Size Charts

m3/h SIZE	0.5~2cP		2~10cP		10~200cP		200~1000cP	
	min	max	min	max	min	max	min	max
15A	0.2	1.5	0.13	1.5	0.1	1.43	0.07	1.2
20A	0.3	3.5	0.2	3.5	0.15	3.33	0.1	2.8
25A	0.7	6.5	0.47	6.5	0.35	6.18	0.23	5.2
40A	1.0	16.0	0.67	16.0	0.5	15.2	0.33	12.8
50A	1.5	25.0	1.0	25.0	0.75	23.8	0.5	20
65A	2.0	45.0	1.33	45.0	1.0	42.8	0.67	36
80A	3.0	70.0	2.0	70.0	1.5	66.5	1.0	56
100A	5.0	110	3.33	110	2.5	104	1.67	88
150A	14	280	13	260	12	230	10	210
200A	22	450	20	440	18	400	16	360

Dimension

SIZE	15A	20A	25A	40A	50A	65A	80A	100A	150A	200
mm	150	160	210	280	300	350	370	400	450	500



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Ordering Information

Model	Specification Code						Description
FSG210							Normal Specification Type(For Liquid,Oil,Chemical)
	06mm~ 100mm						Size (06.10.15, 20, 25, 40, 50, 80, 100mm)
		J A S O					Connection KS 10K (RF) ANSI 150# Screw Other
			1 2 3				Material 316SS Aluminium PPS
				1 2			Display Integral Seperation
					A R		Output 4 ~ 20mA and Pulse 4 ~ 20mA and Pulse, 2-Relay
						A D B	Power AC110~220V DC24V Battery