

GLASS TUBE ROTAMETERS

Flowstar glass tube rotameters are unique design for industrial usage high precision tapered borosilicate glass tubes are utilized for best performances. Special design features eliminate stresses on glass tube even under industrial handling conditions. Glass tubes are field replaceable without disturbing end connections.

Flowstar glass tube rotameters are useful for measuring flow of Air, Common Gases, Water, Alkalies, Oil & Organic Chemicals etc.



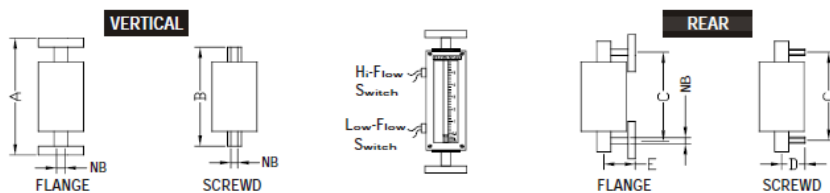
SPECIFICATIONS SERIES FSG

Meter Body	: Powder coated M.S. optional SS 304, SS 316 etc.
Float	: SS 316L, SS 316, PTFE, Monel, PVC etc.
Wetted Parts	: SS 316L, SS 316, SS 304, MS PTFE, PVC, P.P., Monel etc.
Packings	: Neoprene, PTFE, Silicon etc.
Tube	: Borosilicate glass
Scale Length	: 175-225 mm
Temperature Max.	: Upto 200 °C depends on gland Packing material.
Connections	: Flanged, threaded etc.
Accuracy	: ±2% of full scale.
Repeatability	: 0.5%
Rangeability	: 10:1
Accessories	: Hi- low flow switch, Steam jacketed

STANDARD RANGES

NB	Models	FLOW RATES.		Pressure Rating KG/CM ²	Pressure Drop MM WG
		Water At 20°C LPH	Air At Amb. Temp. Nm ³ /Hr		
15	FSG-1	10-100	0.3-3	20	250
	FSG-2	25-250	0.8-8		
20	FSG-3	50-500	1.5-15	20	360
	FSG-4	60-600	1.8-18		
25	FSG-5	100-1000	3-30	12	650
	FSG-6	200-2000	6-60		
	FSG-7	300-3000	8-80		
40	FSG-8	400-4000	12-120	9	650
	FSG-9	500-5000	15-150		
	FSG-10	600-6000	18-180		
50	FSG-11	80-8000	24-240	7	850
	FSG-12	1000-10000	30-300		
	FSG-13	1200-12000	.....	
65	FSG-14	1500-15000	.....	5	950
80	FSG-15	2000-20000	.....	5	950
	FSG-16	3000-30000	.....	5	1100
	FSG-17	8000-40000	.....	5	1100

OVERALL DIMENSIONS



NB	A	B	C	D	E
15	500	425	440	55	90
20	500	425	440	60	90
25	500	425	440	65	115
40	500	425	500	85	140
50	500	450	500	85	155
65	500	N/A	500	N/A	190
80	500	N/A	500	N/A	190

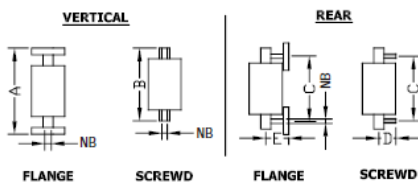


SPECIFICATIONS SERIES FSGM

Meter Body	: Powder coated M.S. optional SS 304, SS 316
Float	: SS 316L, SS 316, PTFE, Monel, PVC etc.
Wetted Parts	: SS 316L, SS 316, SS 304 MS PTFE, PVC, P.P., Monel etc.
Packings	: Neoprene, PTFE, Silicon etc.
Tube	: Borosilicate glass
Scale Length	: 100-125 mm
Temperature Max.	: Upto 200 °C depends on gland packing material.
Connections	: Flanged, threaded etc.
Accuracy	: ±2% of full scale.
Repeatability	: 0.5%
Rangeability	: 10:1
Accessories	: Hi- low flow switch



OVERALL DIMENSIONS

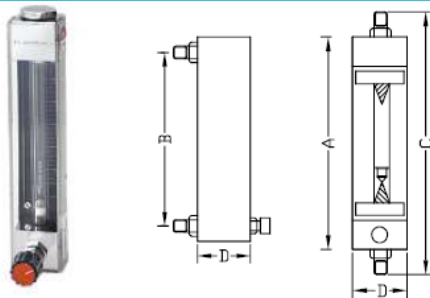


NB	A	B	C	D	E
15	350	300	325	55	90
20	350	300	325	60	90
25	350	300	325	65	115
40	350	300	325	85	140

STANDARD RANGES

NB	Models.	FLOW RATES.		Pressure Rating KG/CM ²	Pressure Drop MMWG
		Water At 20°C LPH	Air At AMB. Temp. Nm ³ /Hr.		
15	FSGM-1 FSGM-2	10-100 25-250	0.3-3 0.8-8	20	250
20	FSGM-3 FSGM-4	50-500 60-600	1.5-15 1.8-18	20	360
25	FSGM-5 FSGM-6 FSGM-7	100-1000 200-2000 300-3000	3-30 6-60 8-80	12	650
40	FSGM-8 FSGM-9	400-4000 500-5000	12-120 15-150	9	650

FLOWSTAR PURGE GLASS TUBE ROATAMETERS



SPECIFICATIONS

Meter	: Powder coated M.S., SS 304, SS 316
Float	: SS 316L, SS 316, PTFE etc.
Wetted Parts	: SS 316L, SS 316, SS 304, PTFE etc.
Packings	: Neoprene, PTFE etc.
Tube	: Borosilicate glass
Scale Length	: Model FSGT 1-3 =65 mm, : FSGT 4-7 = 110 mm & FSGT 8-17 =140 mm
Temp. Max.	: Upto 200°C depends on gland packing
Connections	: threaded etc.
Accuracy	: FSGT 1-3 ±5%, FSGT 4-7 ±3%, : FSGT 8-17 ±2% of full scale.
Repeatability	: 0.5%
Rangeability	: 10:1
Accessories	: Hi- low flow switch

OVERALL DIMENSIONS

Model	A	B	C	D
FSGT 1-3	144	114	190	28
FSGT 4-7	193	163	240	36
FSGT 8-17	255	225	302	36

STANDARD RANGES SERIES FSGT

Models.	FLOW RATES		
	Water At 20°C LPH	Air At Amb. Temp. LPM	Air At Amb. Temp. SCFH
FSGT-1	0.1-1	0.05-0.5	0.1-1
FSGT-2	0.2-2	0.1-1	0.2-2
FSGT-3	0.5-5	0.2-2	0.4-4
FSGT-4	0.6-6	0.4-4	0.8-8
FSGT-5	1.0-10	0.6-6	1.2-12
FSGT-6	1.5-15	1.0-10	2.20
FSGT-7	2.5-25	1.5-15	3-30
FSGT-8	1.2-12	0.7-7	1.5-15
FSGT-9	2-20	1.2-12	2.5-25
FSGT-10	3-30	1.6-16	3.2-32
FSGT-11	5-50	2.5-25	5-50
FSGT-12	6-60	3-30	6-60
FSGT-13	10-100	5-50	10-100
FSGT-14	12-120	6-60	12-120
FSGT-15	15-150	8-80	16-160
FSGT-16	18-180	10-100	20-200
FSGT-17	20-200	12-120	25-250