

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 replacable without disturbing end connections.

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



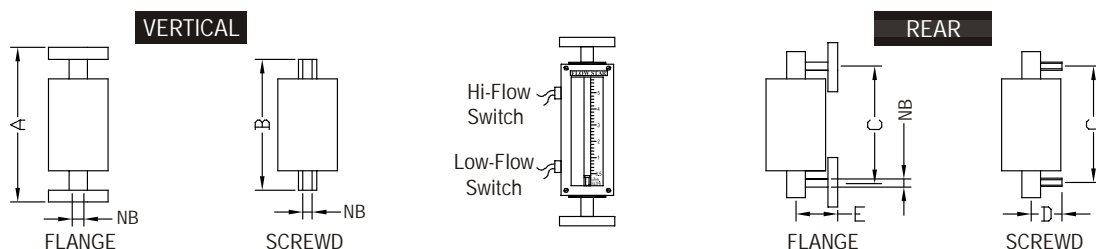
SPECIFICATIONS SERIES FSG

| | |
|------------------|---|
| 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 MMWG |
|----|--------|----------------------|--|---------------------------------------|-----------------------|
| | | 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

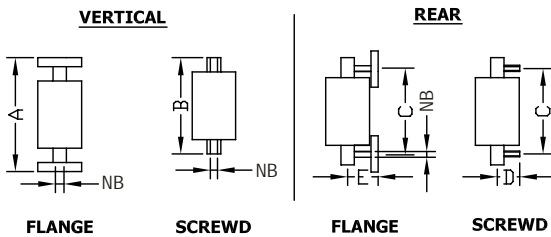
| | |
|------------------|--|
| Meter Body | : Powder coated M.S. optional SS 304, SS 316 |
| Float | : SS 316L, SS 316, PTFE, Monel, PVC etc. |
| Wetted Parts | : SS 316L, SS 316, SS 304 MS PTFE, PVC, P.P., Monel etc. |
| Packings | : Neoprene, PTFE, Silicon etc. |
| Tube | : Borosilicate glass |
| 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 |

FSGM



ROTAMETERS

OVERALL DIMENSIONS

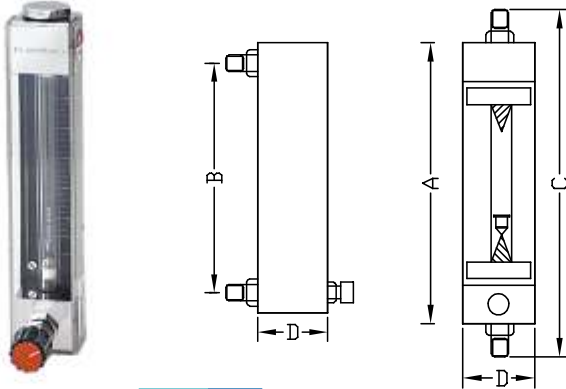


| NB | A | B | C | D | E |
|----|-----|-----|-----|----|-----|
| 15 | 350 | 300 | 325 | 55 | 90 |
| 20 | 350 | 300 | 325 | 60 | 90 |
| 25 | 350 | 300 | 325 | 65 | 115 |
| 40 | 350 | 300 | 325 | 85 | 140 |

STANDARD RANGES

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

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 |

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