

KSV – LOW VOLUME Micro Flow Meters for Liquid or Air Flow



Benefits and Features

- ±6% Full Scale Accuracy
- ±1% Full Scale Repeatability
- Polysulfone Version has Excellent Resistance to Acids and Alkaline Solutions
- Polysulfone Version can be Sterilized Max. 250°F
- Compact
- Easy to Read and to Install
- Convenient Panel Mount option

Material combinations

I
Body, float stop: Polycarbonate
Connections: Brass
Control valve: Brass
O-rings: Buna-N
Operating temp.: 0°F to + 130°F

II
Body, float stop: Polycarbonate
Connections: 303 SS
Control valve: 303 SS
O-rings: Viton
Operating temp.: 0°F to + 130°F

III
Body, float stop: Polysulfone
Connections: Brass
Control valve: Brass
O-rings: Buna-N
Operating temp.: 0 to +250°F

IV
Body, float stop: Polysulfone
Connections: 303 SS
Control valve: 303 SS
O-rings: Viton
Operating temp.: 0 to +250°F

Specifications

Connections: 1/8" NPT female inlet/outlet
Measuring accuracy: ±6% of full scale
Repeatability: 1%
Operating pressure: max. 100 PSI

Flow media: liquids or gases
Measuring principle: float
Mounting: vertical, media flow bottom to top

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⊕ Ordering Information

Order Numbers for Standard Types									
Range water GPH	Float Material	Model KSV with needle valve Material combination				Model KSV without needle valve Material combination			
		I	II	III	IV	I	II	III	IV
0.04– 0.4	Glass	KSV 3101	KSV 3201	KSV 3301	KSV 3401	KSV 4101	KSV 4201	KSV 4301	KSV 4401
0.1 – 1.1	SS	KSV 3104	KSV 3204	KSV 3304	KSV 3404	KSV 4104	KSV 4204	KSV 4304	KSV 4404
0.1 – 0.5	Glass	KSV 3106	KSV 3206	KSV 3306	KSV 3406	KSV 4106	KSV 4206	KSV 4306	KSV 4406
0.5 – 4.5	SS	KSV 3116	KSV 3216	KSV 3316	KSV 3416	KSV 4116	KSV 4216	KSV 4316	KSV 4416
1.0 –10	Titanium	KSV 3135	KSV 3235	KSV 3335	KSV 3435	KSV 4135	KSV 4235	KSV 4335	KSV 4435
2.0 –20	SS	KSV 3180	KSV 3280	KSV 3380	KSV 3480	KSV 4180	KSV 4280	KSV 4380	KSV 4480

Options (add suffix to order number)
Range air SCFH Suffix "L"
0.3– 3
0.5– 5
1 – 10
2 – 20
5 – 50
10 –100

↻ Dimensions

