



MG Series

Metal Tube Flow meter for High-Pressure and Extreme Temperature

MG Series General Specifications

Size	15A(1/2") ~ 200A(8")
Process Connection	KS/JIS/ASME/DIN Std Flange
Flow Ranges	Water - 0.02 m ³ /h ~ 200 m ³ /h Air - 0.6 Nm ³ /h ~ 3,000 Nm ³ /h
Range Ability	10 : 1
Accuracy	±2.0 % F.S (Option ±1.5 % M.V)
Fluid Temperature	Max 150 °C
Max. Pressure	Max. 10 kgf/cm ² .G (Option 20 kgf/cm ² .G)

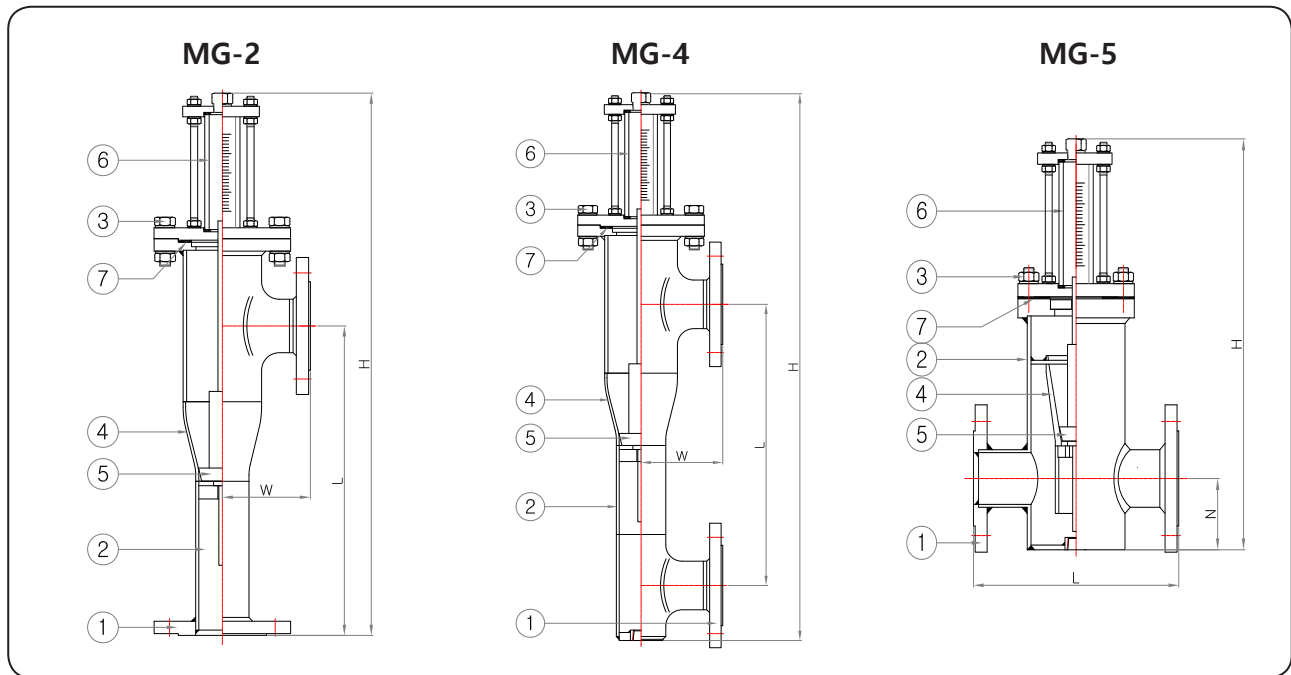
MODEL CODE

MG	-	□	-	□	Specification
		2			Bottom to Top side
		4			Bottom side to Top side
		5			Side to Side
			A		Alarm Switch

STANDARD MATERIAL

Description	Material		
	A	B	C
Flange, Body	SS400	304SS	316SS(L)
Bolt, Nut	SS400	304SS	
Taper tube, Float	304SS		316SS(L)
Scale	HARD GLASS, ACRYL		
Gasket	EPDM, NON-ASBESTOS, PTFE		

STRUCTURAL DRAWING



FLOW RANGES & DIMENSIONS

Connector size		Length (mm)									Flow range		Pressure Loss (mmAq)		Weight (kg)
		MC-2			MC-4			MC-5			Water (m³/h)	Air (Nm³/h)	Water	Air	Metal
		L	W	H	L	W	H	L	N	H					
15A	1/2 B	250	80	413	250	80	720	150	48	410	0.02-0.2 0.2-2	0.6-6 3-30	850	280	8
20A	3/4 B	250	80	435	250	80	720	180	50	435	0.08-0.8 0.35-3.5	1.5-15 5-50	910	400	8
25A	1 B	300	100	505	300	100	730	200	62	525	0.1-1 0.6-6	2-20 9-90	600	270	10
32A	1-1/4 B	300	100	520	300	100	780	250	67	555	0.1-1 1-10	2-20 15-150	600	270	11
40A	1-1/2 B	350	100	595	350	100	780	250	70	650	0.2-2 1.5-15	4-40 20-200	500	290	12
50A	2 B	350	120	615	350	120	870	280	77	685	0.5-5 2.5-25	6-60 40-400	800	340	15
65A	2-1/2 B	400	150	705	400	150	900	350	87	800	0.8-8 4-40	10-100 60-600	650	260	22
80A	3 B	400	150	745	400	150	980	400	92	857	1.2-12 5-50	12-120 80-800	1270	400	25
100A	4 B	450	180	850	450	180	1090	500	105	940	2.5-25 9-90	25-250 120-1200	1360	550	43
125A	5 B	450	220	920	450	220	1160	550	125	1100	4-40 15-150	40-400 200-2000	1600	580	55
150A	6 B	500	240	1045	500	240	1230	600	140	1265	6-60 20-200	60-600 300-3000	2100	560	75