



MC Series

Metal Tube Flow meter for High-Pressure and Extreme Temperature

MC 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)

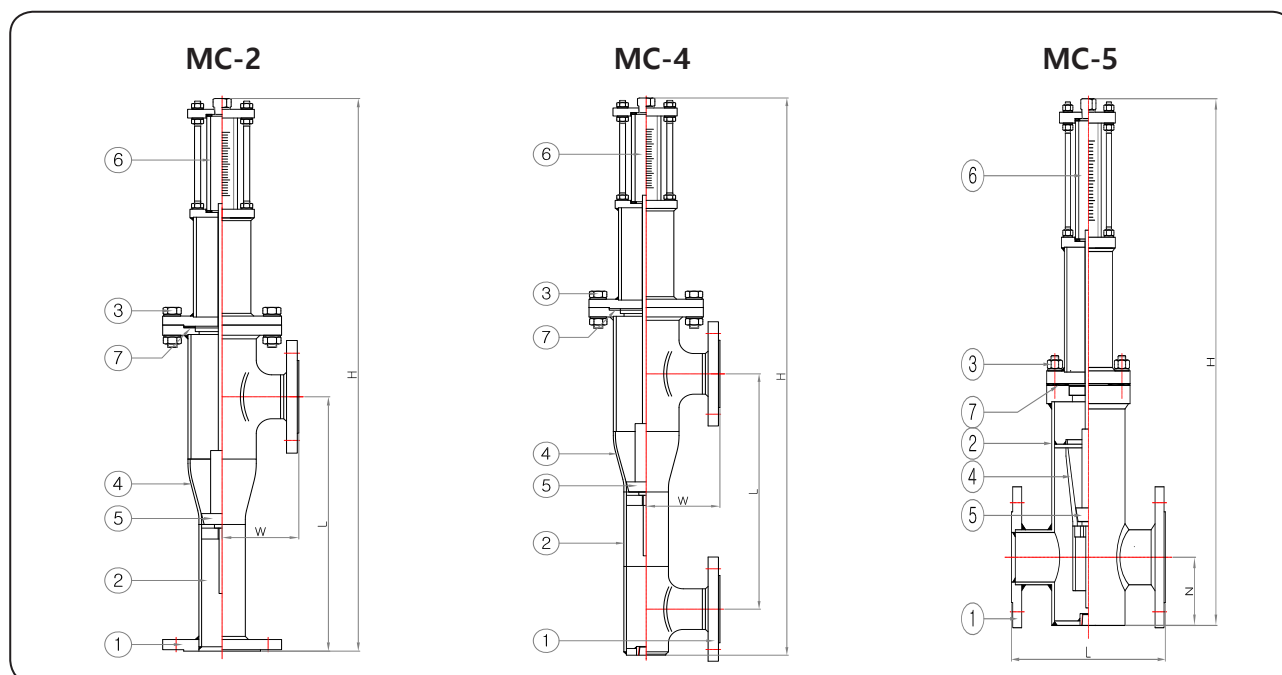
MODEL CODE

MC	-	□	-	□	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	PYREX 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 (m ³ /h)	Air (Nm ³ /h)	Water	Air	Metal
		L	W	H	L	W	H	L	N	H					
15A	1/2 B	250	80	563	250	80	870	150	48	560	0.02-0.2 0.2-2	0.6-6 3-30	850	280	8
20A	3/4 B	250	80	585	250	80	870	180	50	585	0.08-0.8 0.35-3.5	1.5-15 5-50	910	400	8
25A	1 B	300	100	655	300	100	880	200	62	675	0.1-1 0.6-6	2-20 9-90	600	270	10
32A	1-1/4 B	300	100	670	300	100	930	250	67	705	0.1-1 1-10	2-20 15-150	600	270	11
40A	1-1/2 B	350	100	745	350	100	930	250	70	800	0.2-2 1.5-15	4-40 20-200	500	290	12
50A	2 B	350	120	765	350	120	1020	280	77	835	0.5-5 2.5-25	6-60 40-400	800	340	15
65A	2-1/2 B	400	150	855	400	150	1050	350	87	950	0.8-8 4-40	10-100 60-600	650	260	22
80A	3 B	400	150	895	400	150	1130	400	92	1007	1.2-12 5-50	12-120 80-800	1270	400	25
100A	4 B	450	180	1000	450	180	1240	500	105	1090	2.5-25 9-90	25-250 120-1200	1360	550	43
125A	5 B	450	220	1070	450	220	1310	550	125	1250	4-40 15-150	40-400 200-2000	1600	580	55
150A	6 B	500	240	1195	500	240	1380	600	140	1415	6-60 20-200	60-600 300-3000	2100	560	75