

Metal Tube flowmeter - Analog & Digital Display

MGE-S-Ex Series

SUMMARY

MGE-S-Ex는 본체부분이 금속으로 제작되어 고온, 고압, 스팀, 화학약품 등에 널리 쓰이며 불투명한 유체의 측정에도 적합하다.

FEATURE

기계적인 장치와 전자 부분이 조합되어 순시, 적산 출력을 얻을 수 있으므로 현장뿐 아니라 주변기기와 연동되어 밸브 등 기타 장비를 제어 가능하도록 제작된 유량계이다.



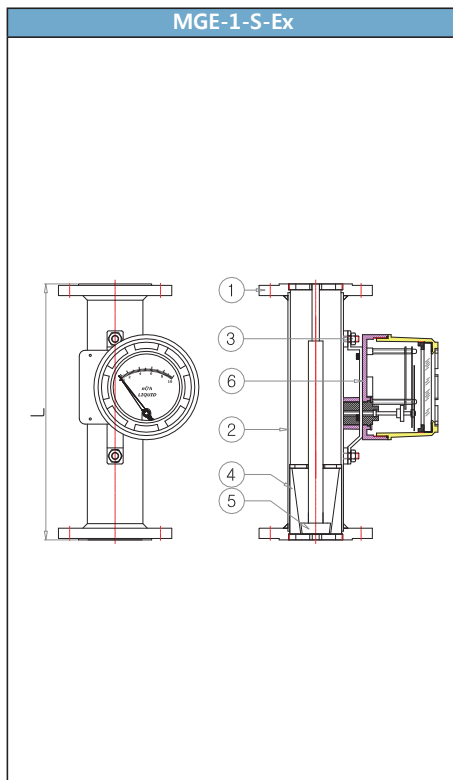
MODEL CODE

MGE-	□	-	□	-	□	Specification
	1					Bottom to Top
	2					Bottom to Top side
	4					Bottom side to Top
	5					Bottom side to Top side
			S			DC 4-20 mA
					Ex	Ex-proof (Ex d IIB T4 / IP66)

STANDARD SPECIFICATION

Connection	KS/JIS/ASME/DIN Std. Flange
Size	10A(3/8") ~ 200A(8")
Measured fluid	Gas, Steam, Liquid
Flow Range	Water : (0.02 ~ 200) m ³ /h Air : (0.06 ~ 3,000) Nm ³ /h
Range ability	10 : 1
Press. range	Max. 10 kgf/cm ² .G (Option. 150 kgf/cm ² .G)
Temp. range	Max. 150 °C (Option 250 °C)
Power	DC 24 V (2-Wire)
Output	DC 4-20 mA
Ambient temp.	-20 °C ~ 60 °C
Accuracy	±2 % F.S (Option. ±1 % F.S)

■ STRUCTURAL DRAWING



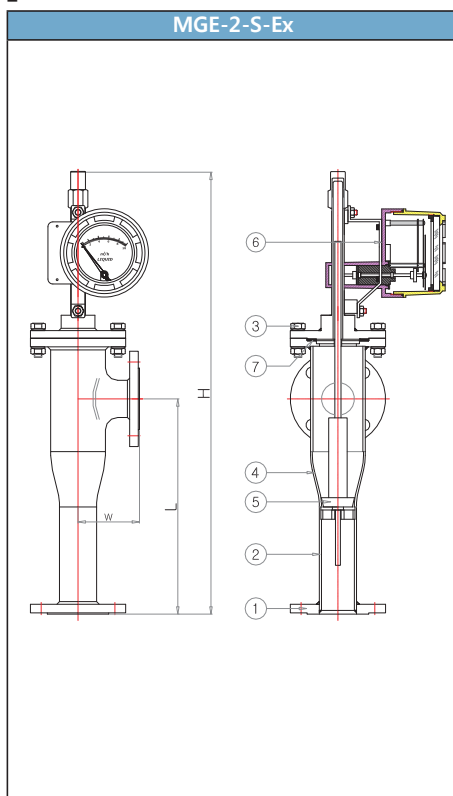
■ FLOW RANGES & DIMENSIONS

Connector size		길이 (mm) L	선택유량범위		압력손실 (mmAq)		중량 (kg) 금속
			Water (m³/h)	Air (Nm³/h)	Water	Air	
15A	1/2 B	250	0.02-0.2 0.2-2	0.6-6 3-30	650	1000	5
20A	3/4 B	250	0.08-0.8 0.35-3.5	1.5-15 5-50	600	1000	5
25A	1 B	250	0.1-1 0.6-6	2-20 9-90	730	1100	6
32A	1-1/4 B	250	0.1-1 1-10	2-20 15-150	800	1000	7
40A	1-1/2 B	250	0.2-2 1.5-15	4-40 20-200	900	1200	8
50A	2 B	250	0.5-5 2.5-25	6-60 40-400	630	1000	10
65A	2-1/2 B	350	0.8-8 4-40	10-100 60-600	780	1650	13
80A	3 B	350	1.2-12 5-50	12-120 80-800	910	2300	15
100A	4 B	350	2.5-25 9-90	25-250 120-1200	1200	2400	20
125A	5 B	400	4-40 15-150	40-400 200-2000	1400	2000	32
150A	6 B	400	6-60 20-200	60-600 300-3000	1800	2200	50

■ STANDARD MATERIAL

No.	Description	Material		
		A	B	C
1	Flange	304SS	316SS	316LSS
2	Body	304SS	316SS	316LSS
3	Bolt, Nut	304SS		
4	Taper tube	304SS	316SS	316LSS
5	Float	304SS	316SS	316LSS
6	Indicator	ALUMINUM		

■ STRUCTURAL DRAWING



■ FLOW RANGES & DIMENSIONS

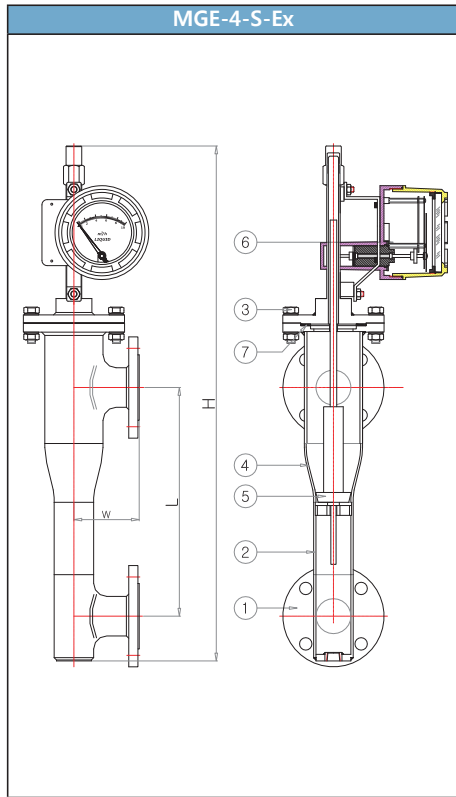
Connector size		길이 (mm)			선택유량범위		압력손실 (mmAq)		중량 (kg) 금속
		L	W	H	Water (m³/h)	Air (Nm³/h)	Water	Air	
15A	1/2 B	250	80	518	0.02-0.2 0.2-2	0.6-6 3-30	850	280	8
20A	3/4 B	250	80	540	0.08-0.8 0.35-3.5	1.5-15 5-50	910	400	8
25A	1 B	300	100	610	0.1-1 0.6-6	2-20 9-90	600	270	10
32A	1-1/4 B	300	100	625	0.1-1 1-10	2-20 15-150	600	270	11
40A	1-1/2 B	350	100	700	0.2-2 1.5-15	4-40 20-200	500	290	12
50A	2 B	350	120	720	0.5-5 2.5-25	6-60 40-400	800	340	15
65A	2-1/2 B	400	150	810	0.8-8 4-40	10-100 60-600	650	260	22
80A	3 B	400	150	850	1.2-12 5-50	12-120 80-800	1270	400	25
100A	4 B	450	180	955	2.5-25 9-90	25-250 120-1200	1360	550	43
125A	5 B	450	220	1025	4-40 15-150	40-400 200-2000	1600	580	55
150A	6 B	500	240	1150	6-60 20-200	60-600 300-3000	2100	560	75

■ STANDARD MATERIAL

No.	Description	Material		
		A	B	C
1	Flange	304SS	316SS	316LSS
2	Body	304SS	316SS	316LSS
3	Bolt, Nut	304SS		
4	Taper tube	304SS	316SS	316LSS
5	Float	304SS	316SS	316LSS
6	Indicator	ALUMINUM		
7	Gasket	EPDM, NON-ASBESTOS, PTFE		

KM-1401MTF-KR

STRUCTURAL DRAWING



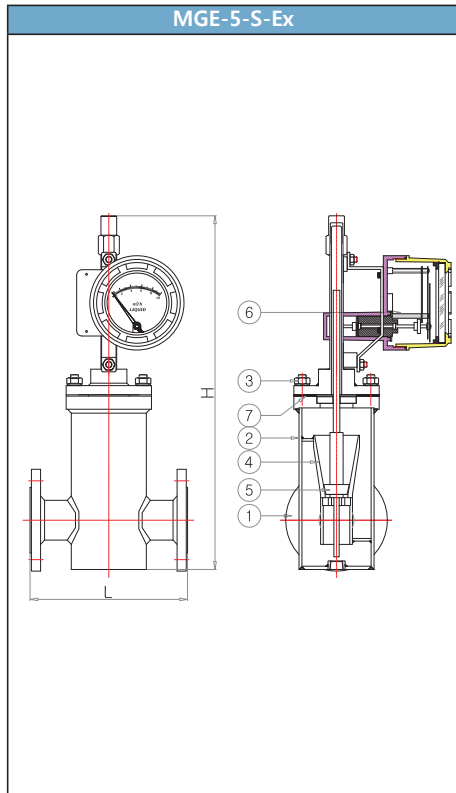
FLOW RANGES & DIMENSIONS

Connector size		길이 (mm)			선택유량범위		압력손실 (mmAq)		중량 (kg)
					Water (m³/h)	Air (Nm³/h)	Water	Air	
15A	1/2 B	250	80	515	0.02-0.2 0.2-2	0.6-6 3-30	850	280	8
20A	3/4 B	250	80	540	0.08-0.8 0.35-3.5	1.5-15 5-50	910	400	8
25A	1 B	300	100	630	0.1-1 0.6-6	2-20 9-90	600	270	10
32A	1-1/4 B	300	100	660	0.1-1 1-10	2-20 15-150	550	300	11
40A	1-1/2 B	350	100	755	0.2-2 1.5-15	4-40 20-200	500	290	12
50A	2 B	350	120	790	0.5-5 2.5-25	6-60 40-400	800	340	16
65A	2-1/2 B	400	150	905	0.8-8 4-40	10-100 60-600	650	260	23
80A	3 B	400	150	962	1.2-12 5-50	12-120 80-800	1270	400	26
100A	4 B	450	180	1095	2.5-25 9-90	25-250 120-1200	1360	550	44
125A	5 B	450	220	1205	4-40 15-150	40-400 200-2000	1600	710	57
150A	6 B	500	240	1370	6-60 20-200	60-600 300-3000	2100	680	77

STANDARD MATERIAL

No.	Description	Material		
		A	B	C
1	Flange	304SS	316SS	316LSS
2	Body	304SS	316SS	316LSS
3	Bolt, Nut	304SS		
4	Taper tube	304SS	316SS	316LSS
5	Float	304SS	316SS	316LSS
6	Indicator	ALUMINUM		
7	Gasket	EPDM, NON-ASBESTOS, PTFE		

STRUCTURAL DRAWING



FLOW RANGES & DIMENSIONS

Connector size		길이 (mm)		선택유량범위		압력손실 (mmAq)		중량 (kg)
		L	H	Water (m³/h)	Air (Nm³/h)	Water	Air	
15A	1/2 B	150	450	0.02-0.2 0.2-2	0.6-6 3-30	1100	1200	12
20A	3/4 B	180	450	0.08-0.8 0.35-3.5	1.5-15 5-50	1200	1480	12
25A	1 B	200	460	0.1-1 0.6-6	2-20 9-90	1000	2100	15
32A	1-1/4 B	250	490	0.1-1 1-10	2-20 15-150	1300	1860	17
40A	1-1/2 B	250	510	0.2-2 1.5-15	4-40 20-200	1500	1550	18
50A	2 B	280	540	0.5-5 2.5-25	6-60 40-400	1150	1900	24
65A	2-1/2 B	350	572	0.8-8 4-40	10-100 60-600	1000	2210	35
80A	3 B	400	650	1.2-12 5-50	12-120 80-800	1600	2100	40
100A	4 B	500	650	2.5-25 9-90	25-250 120-1200	1800	2400	60
125A	5 B	550	692	4-40 15-150	40-400 200-2000	2000	2600	90
150A	6 B	600	720	6-60 20-200	60-600 300-3000	2450	3150	110

STANDARD MATERIAL

No.	Description	Material		
		A	B	C
1	Flange	304SS	316SS	316LSS
2	Body	304SS	316SS	316LSS
3	Bolt, Nut	304SS		
4	Taper tube	304SS	316SS	316LSS
5	Float	304SS	316SS	316LSS
6	Indicator	ALUMINUM		
7	Gasket	EPDM, NON-ASBESTOS, PTFE		

KM-1401MTF-KR