

유리 테이퍼관 부유식 유량계 (Glass Taper tube Local Flow Meters)

HGF Series / HGO

HGF Series / HGO 모델 선택(Model Selection Guide)

HGF Series / HGO		
MODEL	CODE	DESCRIPTION
HGF(N.S)		GLASS TAPER TUBE LOCAL FLOW METER with GUIDE BAR(N:SCREW, S:SPECIAL)
HGM		GLASS TAPER TUBE LOCAL FLOW METER without GUIDE BAR
HGO		GLASS TUBE LOCAL FLOW METER with GUIDE BAR
Flow Direction	1	BOTTOM TO TOP
	2	BOTTOM TO TOP SIDE
	3	BOTTOM SIDE TO TOP
	4	BOTTOM SIDE TO TOP SIDE
	5	SIDE TO SIDE
Material	I	SS 41
	II	SUS 304
	III	SUS 316
	IV	SUS 316L
	P	PVC
	T	TEFLON LINING(SUS304)
	O	OTHER
Option	V	CONTROL VALVE
	C1	1-POINT ALARM (REED) 1SPDT
	C2	2-POINT ALARM (REED) 2SPDT

※ HGO Type의 Flow Direction은 Bottom to Top만 적용

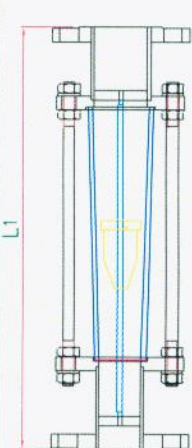
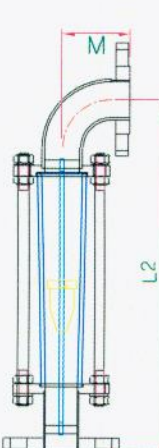
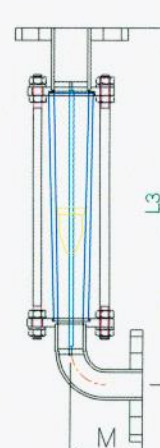
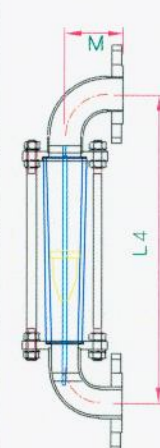
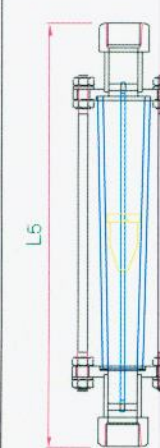
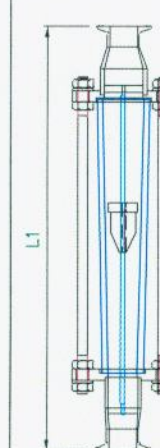
※ Option 사양의 접점은 Low / High를 명시 바랍니다.

				
HGF-1	HGF-2-P	HGF-4	HGF-1-V	HGF-5
				
HGS-4-0	HGN-1-P	HGS-1-0	HGF-1-C2	HGF-1-C2

HGF Series

유리테이퍼관 부유식 유량계 (Glass Taper Tube Flow Meters)

HSF Series 표준 구조 및 규격(Standard size and Structure)

					
HGF-1	HGF-2	HGF-3	HGF-4	HGN-1	HGS-1-0

SIZE		LENGTH(mm)					
A	B	L1	L2	L3	L4	L5	M
15A	1/2B	360	370	370	370	360	70
20A	3/4B	360	370	375	370	360	70
25A	1B	400	410	410	410	400	80
32A	1 1/4B	420	430	430	430	420	80
40A	1 1/2B	440	450	450	450	440	100
50A	2B	480	500	500	500	480	100
65A	2 1/2B	550	580	580	580	550	120
80A	3B	620	660	660	660	620	130
100A	4B	740	790	790	790	740	150

HGF-1 Series

HGF-1 Series 유량범위(Flow Rate)

SIZE		STANDARD H ₂ O(m ³ /h)	H ₂ O MAXIMUM FLOW(m ³ /h)	GAS MAXIMUM FLOW (Nm ³ /h)		PRFSSURE LOSS ≡ (mmAq)	
		SUS304	MIN/MAX	SUS304	PVC or TEFLON	H ₂ O	AIR
15A	1/2B	0.1 ~ 1	0.03 ~ 0.3	0.5 ~ 5	0.3 ~ 3	100	20
			0.2 ~ 12	2.5 ~ 25	1.2 ~ 12		
20A	3/4B	0.15 ~ 1.5	0.03 ~ 0.3	2.5 ~ 5	0.3 ~ 3	200	30
			0.2 ~ 2	3 ~ 30	2 ~ 20		
25A	1B	0.35 ~ 3.5	0.15 ~ 1.5	1.5 ~ 15	1 ~ 10	250	40
			0.5 ~ 5	6 ~ 60	4 ~ 40		
32A	1 1/4B	0.6 ~ 6	0.3 ~ 3	3 ~ 30	2 ~ 20	300	50
			0.7 ~ 7	10 ~ 100	7 ~ 70		
40A	1 1/2B	1 ~ 10	0.35 ~ 3.5	4.5 ~ 45	3 ~ 30	350	60
			1.2 ~ 12	15 ~ 150	12 ~ 120		
50A	2B	1.5 ~ 15	0.5 ~ 5	5 ~ 50	4 ~ 40	400	100
			2 ~ 20	20 ~ 200	15 ~ 150		
65A	2 1/2B	2.5 ~ 25	1 ~ 10	15 ~ 150	10 ~ 100	500	200
			3 ~ 30	60 ~ 600	40 ~ 400		
80A	3B	4 ~ 40	2 ~ 20	30 ~ 300	20 ~ 200	800	300
			5 ~ 50	80 ~ 800	50 ~ 500		
100A	4B	6 ~ 60	3 ~ 30	60 ~ 600	30 ~ 300	950	400
			8 ~ 80	150 ~ 1500	100 ~ 1000		

- 재질이 PVC or TEFLON(수지재질)은 STANDARD보다 유량범위가 작습니다.(본사와 상의요망)
- 동일 규격의 상단은 최소유량, 하단은 최대유량입니다.
- 기체의 압력 1atm · 20℃일 때이며 압력 P.kgf/cm² 에는 본 표의 수치에 $\sqrt{P+1}$ 을 곱하여 주시기 바랍니다.
- 65A이상 Size는 본사와 협의 바람, 주문 Size로도 제작이 가능합니다.

내압한도 및 중량

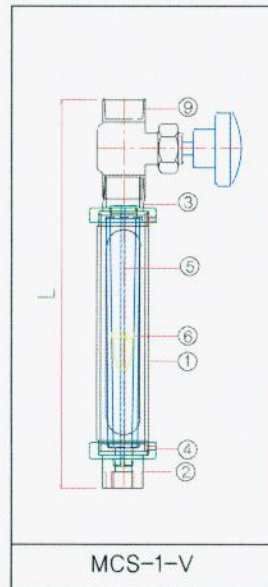
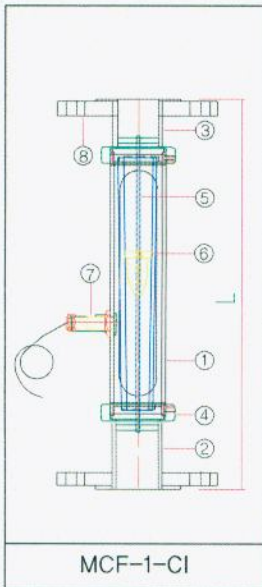
규격	내압한도 kgf/cm ² G		중량 kg		
	본체		본체		
	금속	PVC	금속		PVC
			1형	4형	1형
15A	10	5	4	5	2
20A	10	5	5	5	2
25A	7	4	7	8	3
32A	7	4	8	9	5
40A	7	4	9	11	6
50A	5	3	12	15	8
65A	4	3	18	25	12
80A	3	2	23	30	15
100A	3	2	38	50	20
125A	3	2	44	60	27



HGS-1-V-0

테이퍼관 부유식 유량계 (Taper tube Local Flow Meters)

치수



PART NO	PART LIST	MATERIAL
1	COVER	SUS 304, AL
2	BOTTOM BLOCK	SUS 304, 316L, PVC, TEFLON
3	TOP BLOCK	SUS 304, 316L, PVC, TEFLON
4	CONNECTOR	SUS 304, AL
5	GUIDE BAR	SUS 304, 316L, TEFLON LINING
6	FLOAT	SUS, TEFLON, MANO, PE, PP, PVC
7	SWITCH CASE	SUS 304, AL (REED S/W 0.5A)
8	FLANGE	SUS 304, 316L, PVC
9	VALVE	SUS 304, 316L

※ L 길이는 본사와 협의 바랍니다.

