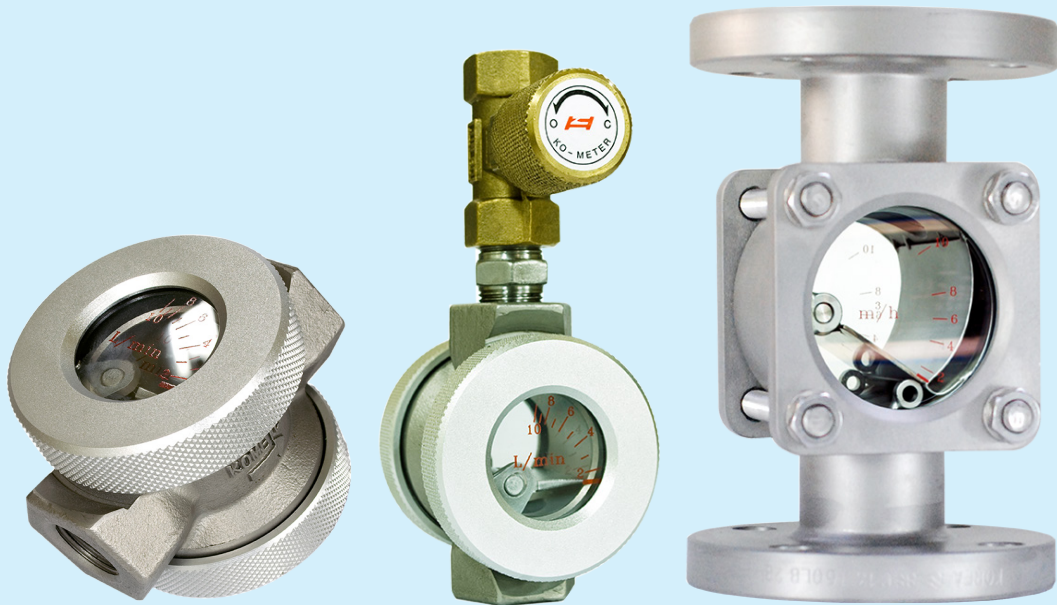




SG-20 Series

Sight Glass

- 현장 조건에 맞게 End Connection 선택 가능
- 투명 글라스를 통하여 유체의 색조 및 기포의 혼입상태 관측 및 유량측정
- 다양한 재질 선택으로 사용 유체 범위 넓음
- 밸브 추가 및 고압용 특수 제작 가능

SG-20 Series General Specifications

Size	SG-201	SG-202
	8A(1/4") ~ 50A(2")	10(3/8") ~ 200A(8")
Process Connection	PT Type	Flange Type
Accuracy	±5.0 % F.S (Option ±2.0 % F.S)	
Range Ability	5 : 1	
Fluid Temperature	Max. 150 °C (Option 200 °C)	
Max. Pressure	Max. 10 kgf/㎠.G (Option 50 kgf/㎠.G)	
Accuracy	±5.0 % F.S (Option ±2.0 % F.S)	

MODEL CODE [SG-20□-□-□]

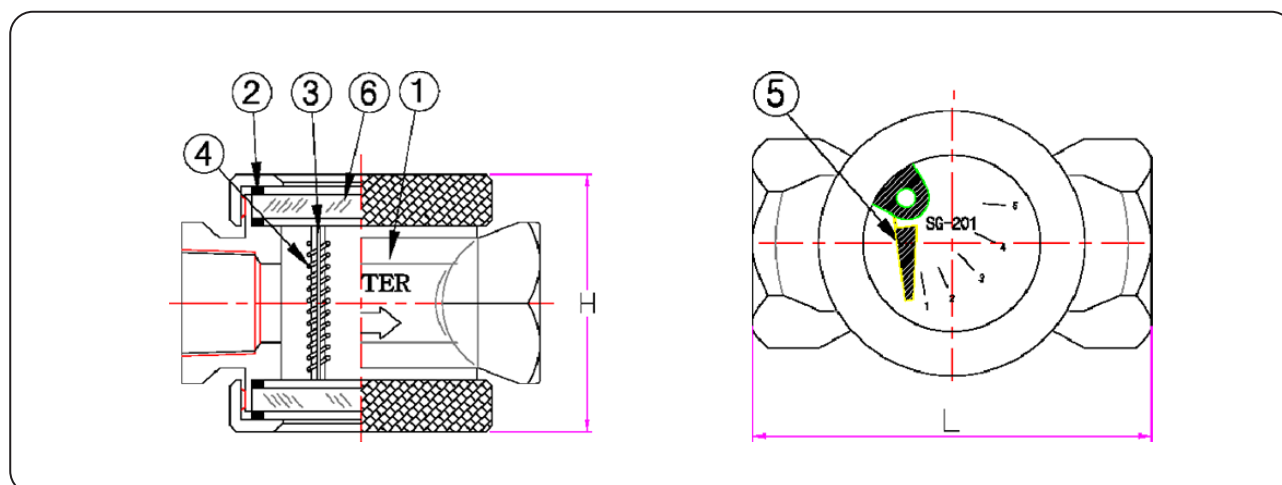
Model	Suffix Codes	Description	8 ~ 50 mm	50 ~ 200 mm
SG-20		Sight Glass		
Connection Type	1	Screw	○	-
	2	Flange	○	○
Flow Direction	-1	Botoom to Top	○	○
	-2	Top to Botoom	○	○
	-3	Left to Right	○	○
	-4	Right to Left	○	○
Valve	-V	Valve (Type, Installation Location Selectable)	△	-

○ : Standard △ : Option - : Not Available

SG-201 STANDARD MATERIAL

No.	Description	Material		
		A	B	C
1	Body	SS400	304SS	316SS
2	Packing	NBR, PTFE		
3	Axis	304SS		316SS
4	Spring			
5	Flapper			
6	Window	HARD GLASS		

SG-201 DRAWING



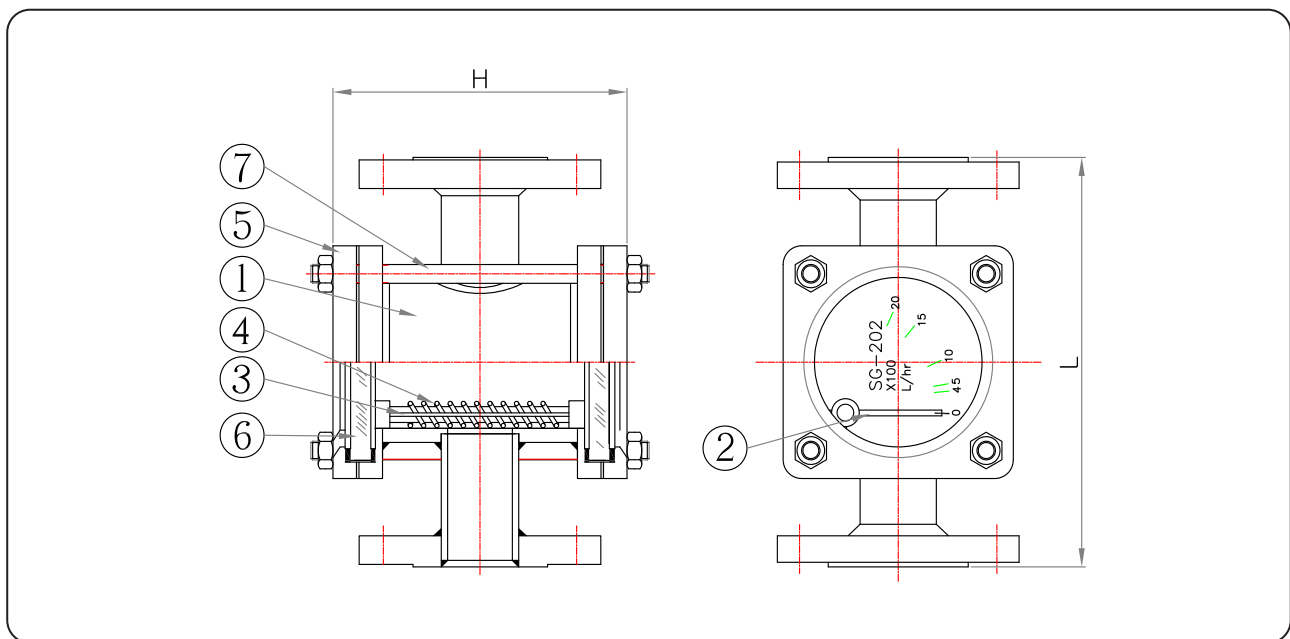
SG-201 FLOW RANGES & DIMENSIONS

Connection Size		최대눈금선정범위			Length (mm)	
		Water (m ³ /h)	Air (Nm ³ /h)	Steam (kg/h)	L	H
8A	1/4B	0.1 – 0.5	30 – 60	50 – 100	70	55
10A	3/8 B	0.2 – 1	30 – 60	50 – 100	70	55
15A	1/2 B	0.4 – 2	30 – 60	50 – 100	80	60
20A	3/4 B	0.4 – 2	30 – 60	50 – 100	90	70
25A	1 B	1 – 5	60 – 150	50 – 200	100	92
32A	1-1/4 B	1 – 5	60 – 150	50 – 200	165	130
40A	1-1/2 B	2 – 10	80 – 300	100 – 400	165	130
50A	2 B	3 – 15	100 – 450	100 – 600	180	140

SG-202 STANDARD MATERIAL

No.	Description	Material		
		A	B	C
1	Body	SS400	304SS	316SS
2	Flapper	304SS		
3	Axis			
4	Spring			
5	Cover	SS400, 304SS, 316SS		
6	Window	HARD GLASS		
7	Bolt	SS400	304SS	

SG-202 DRAWING



SG-202 FLOW RANGES & DIMENSIONS

Connection Size		최대논금범위		최고 압력 (kgf/cm ² .G)	Length (mm)	
		Water (m ³ /h)	Air (Nm ³ /h)		H	L
15A	1/2 B	0.4 – 2	30 – 60	15	35	150
20A	3/4 B	0.4 – 2	30 – 60	15	35	150
25A	1 B	1 – 5	60 – 150	15	55	220
32A	1-1/4 B	1 – 5	60 – 150	15	55	220
40A	1-1/2 B	2 – 10	80 – 300	10	60	220
50A	2 B	3 - 15	100 - 450	10	75	220
65A	2-1/2 B	6 – 30	300 – 900	10	98	260
80A	3 B	8 – 40	600 – 1200	10	98	300
100A	4 B	16 – 80	900 – 2000	10	130	330
125A	5 B	20 – 100	1000-3000	10	140	380
150A	6 B	30 – 150	1200-4500	8	200	480
200A	8 B	50 – 250	1500-9000	6	220	650
250A	10 B	80 – 400	3000-12000	5	240	680
300A	12 B	100 - 600	4500-15000	5	260	720

