

SIGHT GLASS

AI.S0 Series



EAC

TECHNICAL DATA

Size: 1 - 10" available

Pressure Limited: Up to 5 Bar (Kg/cm2) @25°C water; dependig on request size

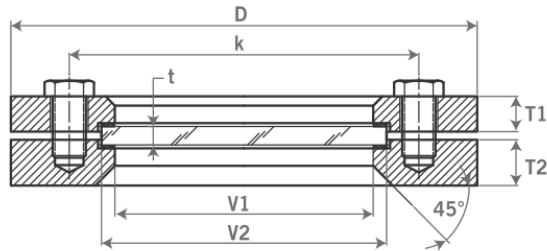
Temperature Limited: Up to 280°C

Material: Wetted Parts & Body - SS304, SS316 and Others on request

Sight Glass - Transparent Tempered Glass

Bolt - SS304 and Others on request

DIMENSIONS



unit=mm

Size (inch)	1"	2"	3"	4"	5"	6"	8"	10"
Pressure Limit (bar)	5	5	5	5	5	5	4	5
V1 – Visible Diameter	50	80	100	125	150	175	225	300
V2 – Visible Diameter	60	89	114	150	175	200	250	325
t – Tempered Glass Thickness	10	10	12	15*	19*	19*	19*	19
(NOTE.)								
D – Flanges O.D	100	150	177	203	229	255	304	405
T1	20	20	20	20	25	25	30	35
T2	25	25	28	35	38	40	45	50
k	80	120	146	177	203	229	277	365
Bolt No.	4	4	4	8	8	8	8	8
Bolt Size	M12	M12	M12	M12	M12	M12	M12	M12
Bolt Length	30	30	30	35	35/45	35/45	40/45	45

*NOTE.

1. Tempered glass thickness **30 mm** is on the request for size of 4", 5", 6" and 8".

2. Pressure limit for thickness 30mm:

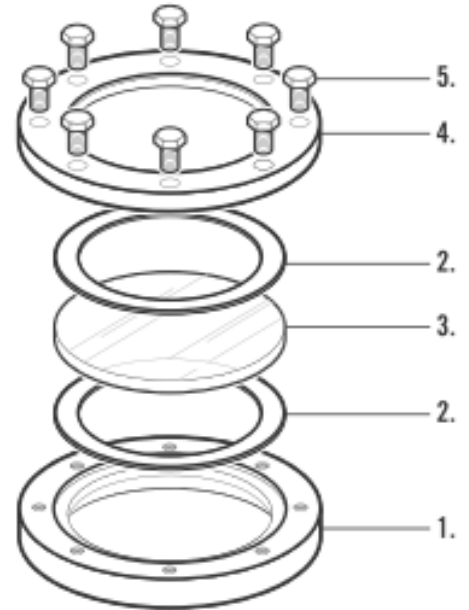
4" (150 x 30mm): 25 bar @25°C water

5" (175 x 30mm): 25 bar @25°C water

6" (200 x 30mm): 16 bar @25°C water

8" (250 x 30mm): 10 bar @25°C water

PARTS LIST



Item	Part Name
1.	Body
2.	Gasket
3.	Tempered Glass
4.	Cover
5.	Bolt

ORDERING INFORMATION

SO	Code	Body Material				
↓	1	SS304	2	SS316	3	Option
	↓	Code	Size			
			(1) 1" (2) 2" (3) 3" (4) 4"			
			(5) 5" (6) 6" (7) 8" (8) 10"			
↓	↓	↓	Complete Ordering Code			
SO						



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