



BULLS EYE SIGHT GLASSES - SGF

The lined bulls eye sight glasses SGF are used for monitoring the flow in pipelines where extremely toxic and corrosive fluids circulate.

The PFA-HP lined sight glass provides a clear view to verify the liquid flow through the double borosilicate glass windows. The SGF sight glasses are suitable for connection with flanges according to DIN EN 1092-1 or ANSI B16.5 150/300 class from DN 15-1/2" to DN 250-10".

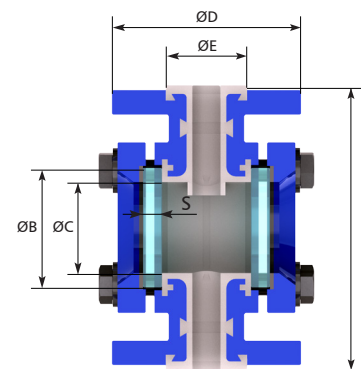
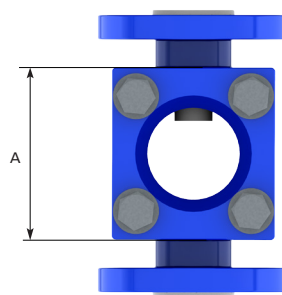
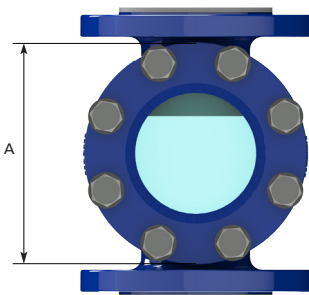
CE Conformity acc. to European Pressure Equipment Directive 2014/68/UE (PED)

KEY FEATURES

- * Made of carbon steel, RAL 5005 signal-blue coating or stainless steel 304L/316L
- * Linings made of PFA or PFA-AS (conductive)
- * Moulded drip lip to detect small quantity of flow
- * Borosilicate transparent glass
- * Tie rods, nuts and washers in stainless steel A2-70
- * On request FEP shield glass protection for fluorine service
- * Made in Italy

OPERATING CONDITIONS

- * Temperature range from -40°C (-40°F) up to +200°C (+392°F), depending on body material.
- * Pressure range from full vacuum up to 10 bar (145 PSI), depending on size/pressure/temperature.
- * Pressure and tightness testing acc. to EN 12266-1, leakage rate A.



DN	L (mm)		A (mm)	ØB (mm)	S (mm)	ØC (mm)		ØD (mm)		ØE (mm)		Bolting (n x Ø)		Weight (Kg)	
	DIN	ANSI				DIN	ANSI	DIN	ANSI	DIN	ANSI	DIN	ANSI		
15 - 1/2"	130	130 ⁽¹⁾	∅ 65	45	10	32	95	95	40	40	4xM10	3,0	3,0		
20 - 3/4"	150	150 ⁽¹⁾	∅ 65	45	10	32	105	105	50	50	4xM10	4,0	4,0		
25 - 1"	160	152	∅ 85	63	10	48	115	107,9	68	51	4xM12	5,5	4,8		
40 - 1 1/2"	200	178	∅ 107	80	12	65	150	127,0	88	73	4xM16	9,6	8,8		
50 - 2"	230	203	∅ 120	100	15	80	165	152,4	102	92	4xM16	12,5	11,5		
80 - 3"	310	241	∅ 190	125	15	100	200	190,5	138	127	8xM16	25,5	22,0		
100 - 4"	350	292	∅ 210	150	20	125	220	228,6	158	158	8xM16	31,6	28,8		
150 - 6"	480 ⁽¹⁾	356 ^(*)	∅ 285	175	20	142	285	279,4	212	212	8xM20	68,0	62,0		
200 - 8"	600 ⁽¹⁾	457 ^(*)	∅ 340	250	30	190	340	342,9	268	268	8xM20	88,0	82,0		
250 - 10"	533 ^(*)	533 ^(*)	∅ 340	265	30	220	395	406,4	320	320	8xM20	115,0	100,0		

Face to face according to ANSI-EN 558-1 range 10

⁽¹⁾ Face to face according to DIN 3202 - F1 - ^(*) face to face according to ANSI EN 558-F12

ATTENTION: Thermal shock resistance of borosilicate-glass is according to DIN 7080 Δt=max 80°C (176°F)

