

The CTSG Sight Glasses unique construction provides full 360° process viewing. Manufactured from heavy wall borosilicate glass tube and PFA / PTFE lined flanges for use in the most demanding corrosive and toxic applications.

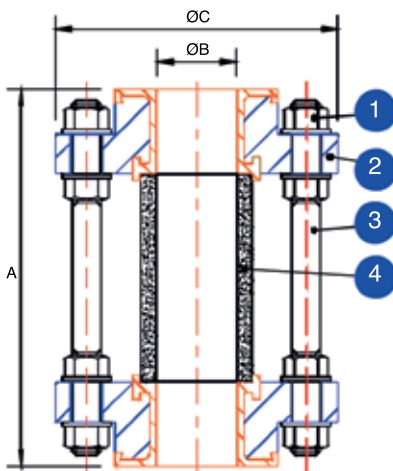


Product Features

- Heat treated heavy wall borosilicate glass for managing high line pressures
- Parallel full port flow path prevents liquid retention or bug traps
- Stainless steel tie rods provide protection against side loads and mechanical damage
- Proven design offering safety and security

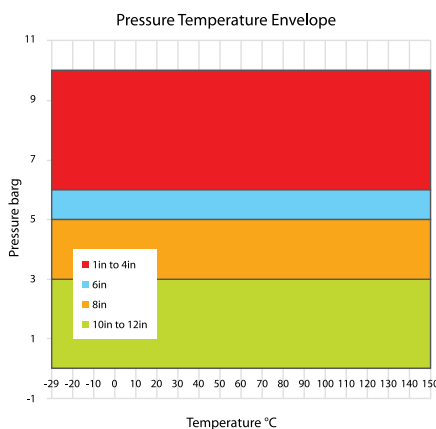
Materials Specification

Item	Qty	Description	Materials	Specification
1	16/32/48	Nuts / Washers	Stainless Steel	ASTM F594 Gr. 304
2	2	Flange [1 to 6] [DN25 to DN150]	Carbon Steel PFA	BS 1501-161-430A ASTM D3307
		Flange [8 to 12] [DN200 to DN300]	Carbon Steel	BS 1501-161-430A ASTM D1457 Type II
3	4/8/12	Tie Rods	Stainless Steel	BS970 Pt.1 Gr.303S42
4	1	Glass Tube Paint Finish	Glass 3.3 125µ Blue Semi-Gloss	ISO 3585 Epoxy



Dimensions

To Suit Pipework	Face to Face	Bore	Flange Diameter	Weight	Glass		
ASME 150 Piping Systems							
Inches	mm	Dim A mm	Dim B mm	Dim C mm	Kg	od mm	Wall mm
1	25	152	20	108	3.5	30	4.5
1½	40	178	36	127	4.9	50	7.0
2	50	203	42	152	7.0	60	9.0
3	80	241	72	190	11.5	90	9.0
4	100	292	103	229	17.2	120	9.0
6	150	356	152	279	25.7	170	9.0
8	200	300	197	343		215	9.0
10	250	300	282	406		300	9.0
12	300	300	307	483		325	9.0
DIN PN 10 / 16 Piping Systems							
Inches	mm	Dim A mm	Dim B mm	Dim C mm	Kg	od mm	Wall mm
1	25	160	20	115	3.8	30	4.5
1½	40	200	36	150	5.5	50	7.0
2	50	230	42	165	8.3	60	9.0
3	80	310	72	200	12.0	90	9.0
4	100	350	103	220	18.5	120	9.0
6	150	480	152	285	29.3	170	9.0
8	200	300	197	340		215	9.0
10	250	300	282	395		300	9.0
12	300	300	307	445		325	9.0



Options

Component	Description
Flanges	PFA lined and unlined stainless steel, or carbon steel, hygienic end connections - tri-clamp, RJT, SMS, DIN etc.
Shield	Perspex safety shield
Glass	Internally lined with FEP for caustic processes
Body	Flow disturbers and indicators, back lighting