

D-ended Elongated Sight Glass Fitting

V4.01

- Wide range of sizes
- High Pressure versions up to 25 Bar
- Low profile, clean-line design with counter-sunk bolts
- Radius base flange available – for flush fit with vessel interior



Application

For viewing liquid level and/or the internals of vessels, silos, reactors etc

General

The base frame is welded onto or into the vessel wall. Then the sightglass plate together with two seals is firmly bolted down by the cover frame and a set of fastening bolts

Options

- Blind or through tappings for fixing bolts
- Radiused Base Flange

Important

Please check the seal area after welding in the base flange – to ensure that it is even before inserting the seals & glass

Materials

Base Frame

Stainless Steel DIN1.4571 (316Ti),
DIN1.4435 (316L), DIN1.4404(316L) or
DIN1.4301(304)

Carbon Steel ST37-2

Cover Frame

Stainless Steel DIN1.4301(304) or
Carbon Steel ST37-2

Plain or Reflex Safety Glass

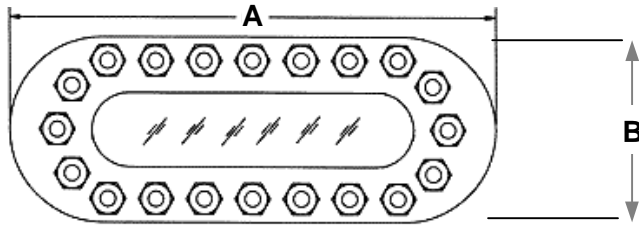
Borosilicate to DIN7081 (243°C max)
Sodalime to DIN8903 (100°C max)

Seals

Non Asbestos Fibre Durlon 8500
Others available

Cover Bolts

Stainless Steel DIN912 A2-70
Zinc plated Carbon Steel DIN 912 8.8



Nominal Pressure PN2.5

Size	Mounting Size (mm)		View (mm)		No. of M10 Bolts	Glass Dimensions (mm)
	A	B	Length	Width		
1	266	116	200	50	8	70/10 x 200
2	341	116	275	50	10	70/10 x 295
3	416	116	350	50	12	70/10 x 370
4	491	116	425	50	14	70/10 x 445
5	566	116	500	50	16	70/10 x 520
6	641	116	575	50	18	70/10 x 595
8	791	116	725	50	22	70/10 x 745

Nominal Pressure PN6

Size	Mounting Size (mm)		View (mm)		No. of M10 Bolts	Glass Dimensions (mm)
	A	B	Length	Width		
1	261	96	195	30	10	50/10 x 215
2	316	96	250	30	12	50/10 x 270
3	371	96	305	30	14	50/10 x 325
4	426	96	360	30	16	50/10 x 380
5	481	96	415	30	18	50/10 x 435
6	536	96	470	30	20	50/10 x 490
8	646	96	580	30	24	50/10 x 600

Nominal Pressure PN10

Size	Mounting Size (mm)		View (mm)		No. of M10 Bolts	Glass Dimensions (mm)
	A	B	Length	Width		
1	260	80	198	18	12	35/10 x 215
2	305	80	243	18	14	35/10 x 260
3	350	80	288	18	16	35/10 x 305
4	395	80	333	18	18	35/10 x 350
5	440	80	378	18	20	35/10 x 395
6	485	80	423	18	22	35/10 x 440
8	575	80	513	18	26	35/10 x 530

Nominal Pressure PN25

Size	Mounting Size (mm)		View (mm)		No. of M10 Bolts	Glass Dimensions (mm)
	A	B	Length	Width		
1	186	80	121	15	10	34/17 x 140
2	211	80	146	15	10	34/17 x 165
3	236	80	171	15	12	34/17 x 190
4	296	80	231	15	14	34/17 x 250
5	326	80	261	15	16	34/17 x 280
6	366	80	301	15	18	34/17 x 320
8	386	80	321	15	18	34/17 x 340