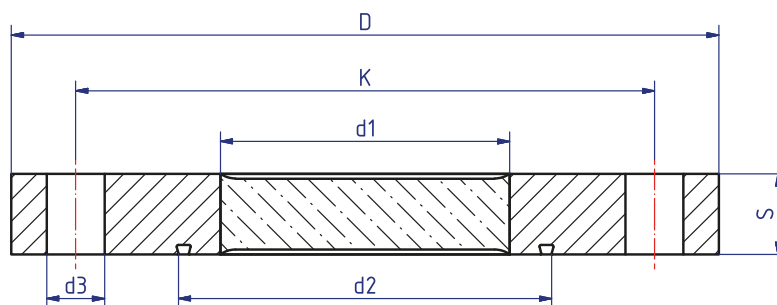
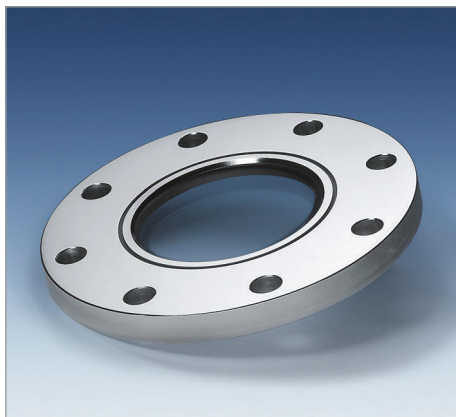


METAGLAS® Bolt-on sight glass flange for sterile applications



Applications

- Aseptic and sanitary applications
- Base flange to DIN 28117 or similar
- Welding neck with flat face

Material certificates

- Certificate of Conformity to EN 10204-3.1 or 3.2

Operating conditions

- Pressure: -1 to 16 bar
- Temperature: See table

O-ring

Material: EPDM, FDA

Technical data

- Pressure Equipment Directive 2014/68/EU, Module H (DIN/EN/ISO 9001)
- AD2000 Standards W0/TRD 100
- Sight glass fused to metal conforming to DIN 7079
- Materials to VdTÜV specifications and the DIN/EN designated standards
- Glass: borosilicate to DIN 7080 / DIN 7079

Advantages

- Reliability against total failure - the possibility of unexpected rupture is excluded
- Effortless cleaning for sterile applications
- Flush glass/metal border on outer side for easy cleaning
- Maximum viewing area

Approvals

- TÜV-approval in accordance with the governing standards for pressure vessels, with duplex stainless steel (DIN 1.4462)

Important

Only for use with parallel, flat face flange without seal recess.
We therefore recommend the use of Belleville spring washers, 2 pcs. for each connection hole (please follow the assembly instructions).

Ring materials	Temperature (TS)
1.4462	-30°C to +280°C
2.4602	-80°C to +300°C
2.4605	-80°C to +300°C
2.4610	-80°C to +300°C

Nominal Size	Nominal pressure PN	D	K	S	d1	d2	d3	Number of bore holes	O-ring	Spring washers
50	16	165	125	21	50	66	18	4	58,74 x 3,53	31,5/16,3 x 1,25
65	16	185	145	23	70	86	18	4	78,97 x 3,53	31,5/16,3 x 1,25
80	16	200	160	25	80	96	18	8	88,50 x 3,53	31,5/16,3 x 1,25
100	16	220	180	25	90	116	18	8	107,5 x 3,53	31,5/16,3 x 1,25
125	16	250	210	25	110	141	18	8	132,9 x 3,53	31,5/16,3 x 1,25
150	16	285	240	28	130	165	22	8	158,34 x 3,53	40/20,4 x 1,5
200	10	340	295	30	160	208	22	8	202,8 x 3,53	40/20,4 x 1,5