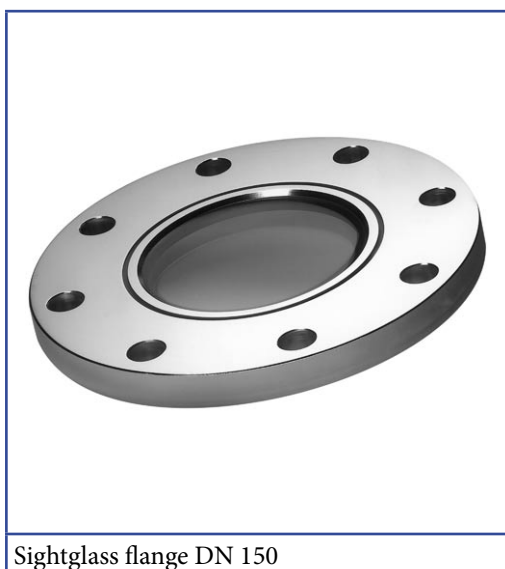




## Metal fused sightglasses type: Flanges for sterile applications

Metal fused sightglass - flanges  
for sterile applications



Sightglass flange DN 150

**Application:**

- For base flanges to DIN 28117 or similar
- For weldnecks with flat face

**IMPORTANT:** Only for use with parallel flat face flanges without seal recess. Maximum tightening torque 20 Nm. We therefore recommend the use of Belleville spring washers, 2 pcs. for each connection hole.

**Advantages:**

- High security
- Flush glass / metal border on outer side for easy cleaning for sterile applications
- Maximum viewing area

**Approvals:**

- TÜV-Approval to the pressure vessel guideline as part of a pressure vessel (for material duplex stainless steel 1.4462)

**Technical data:**

- Test base: DGRL 97 / 23 / EG, AD 2000 standards, DIN 7079-1 May 1999
- Materials to VdTÜV specifications and the respective DIN / EN standards
- Glass quality: Borosilicate glass to DIN 7080

**Material certificates:**

- Certificate of conformity to EN 10204-3.1

**Working conditions:**

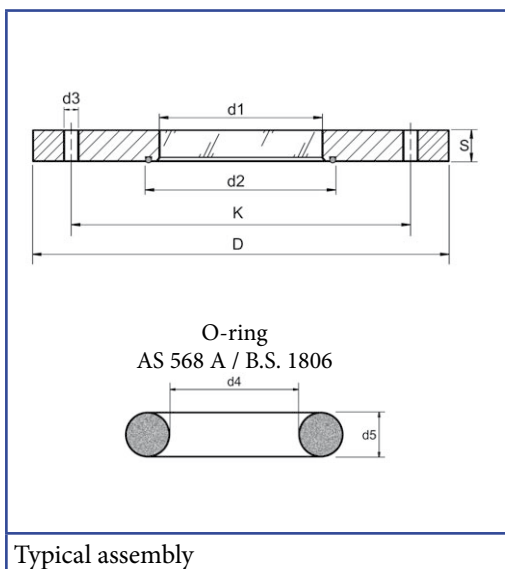
- Pressure: -1 to 16 bar (see table)
- Temperatures:
 

Ring materials:	1.4462	-30 °C to +280 °C
	2.4602	-60 °C to +300 °C
	2.4605	-60 °C to +300 °C
	2.4610	-60 °C to +300 °C

**Dimensions:**

DN	PN	D	K	S	d1	d2	d3	Number of holes	O-ring* d4 x d5	Spring washers*
50	16	165	125	21	50	66	18	4	58,74x3,53	31,5/16,3x1,25
65	16	185	145	23	70	86	18	4	78,97x3,53	31,5/16,3x1,25
80	16	200	160	23	80	96	18	8	88,50x3,53	31,5/16,3x1,25
100	16	220	180	23	90	116	18	8	107,5x3,53	31,5/16,3x1,25
125	16	250	210	25	110	141	18	8	132,9x3,53	31,5/16,3x1,25
150	16	285	240	28	130	165	22	8	158,34x3,53	40/20,4x1,5
200	10	340	295	30	140	208	22	8	202,8x3,53	40/20,4x1,5

\* Not contained in our delivery



Typical assembly

1) All dimensions in mm.  
2) Subject to changes without preliminary notice.