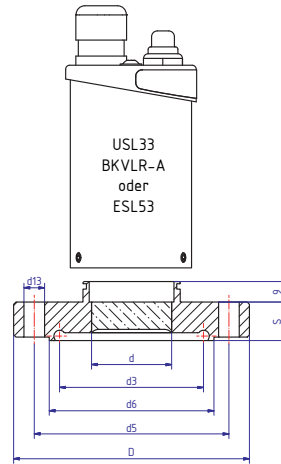


**METAGLAS® Sight glass for aseptic flanged pipe connection DIN 11864-2**  
For Sight glass luminaire Type USL33/ESL53 or BKVLR-A (flange with notch)



**Advantages**

- Sight glass and sealing profile correspond to EHEDG (European Hygienic Equipment Design Group) and ASME BPE (Bioprocessing Equipment)
- Security against total fail
- Long operating time
- Suitable for CIP and SIP cleaning
- Complies with GMP for clean condition, cleaning, sterilization

**Operating conditions for sight glass**

**Ring**

materials	Temperature (TS)
1.4462	-30°C bis +280°C
2.4602	-60°C bis +300°C
2.4610	-60°C bis +300°C

**Applications**

- Sterile fitting to DIN 11864 part 2 form A
- Aseptic groove flange model for installation on aseptic round flange form A

**Technical data**

- Manufactured and tested to:
- Directive for pressure equipment 2014/68/EU, Module H (DIN/EN/ISO 9001)
- AD 2000 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 DIN7080 / DIN7079

For further technical information see data sheets USL33/ ESL53 or BKVLR-A

Nominal size DN			max. operating pressure [bar]	D	d	d7	d5	d11	d13	S	O -Ring
Series A DIN 11850	Series B ISO 1127	Series C ISO 2037 BS 4825									
25	-	-	16	70	25	30,76	53	38,4	4 x Ø9	14	28 x 3,5
-	33,7	-	16	74	25	36,26	57	45,4	4 x Ø9	14	32 x 5
32	-	-	16	76	25	38,56	59	47,7	4 x Ø9	14	34 x 5
-	-	1½"	16	79	30	41,36	62	50,5	4 x Ø9	14	37 x 5
-	42,4	-	16	82	30	44,56	65	53,7	4 x Ø9	14	40,5 x 5
-	48,3	-	16	88	35	50,86	71	60,0	4 x Ø9	14	46,5 x 5
-	-	2"	16	92	35	54,36	75	63,5	4 x Ø9	14	50 x 5
50	-	-	16	94	35	56,56	77	65,7	4 x Ø9	16,3	52 x 5
-	60,3	-	16	103	35	62,86	85	72,0	4 x Ø9	16	58,5 x 5
-	-	2½"	16	107	35	66,76	89	75,9	8 x Ø9	18	62 x 5
65	-	-	16	113	35	72,56	95	81,7	8 x Ø9	16	68 x 5
-	76,1	-	16	125	35	78,26	104	88,4	8 x Ø11	20	73,5 x 5
-	-	3"	16	125	35	79,46	104	89,6	8 x Ø11	20	75 x 5
80	-	-	16	133	35	87,56	112	97,7	8 x Ø11	20	83 x 5