



Suitable for clamping sockets
according to DIN 32676

USE:

Sight glasses for clamp connection are used to observe or illuminate the inside of closed vessels or pipes.

The sight glass can be mounted directly to a clamp connection according to DIN 32676. Sealing against the flange is provided by a gasket ring, with dead spaces minimized by the flat bearing surface.

INSTALLATION INSTRUCTIONS:

Before mounting, the sealing surfaces of the sight glass and the clamping socket must be free of contamination and defects.

MATERIALS

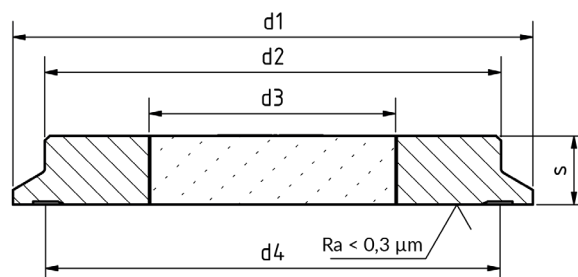
Ring material:	1.4462; 2.4602; 2.4610
Glass:	Borosilicate glass (DIN 7080/7079)
Special materials on request	

OPERATING CONDITIONS

Temperature:	-30°C up to 280°C (1.4462)
(depending on glass and gasket)	-60°C up to 300°C (2.4602 and 2.4610)
Pressure:	≤ -0,9 ¹ bar(g) up to 16 ² bar(g)

1) Depending on environment variables
2) Depending on nominal size

DRAWING:



DN	10	15	20	25	32	40	50	65	80	100	125	150	200	250	300
d1 [mm]	34	34	34	50,5	50,5	50,5	64	91	106	119	155	183	233,5	287,5	338,3
d2 [mm]	23	23	23	41	41	41	52	76	90	101	138	160	210	266	316
d3 [mm]	14	14	14	25	25	25	30	40	50	55	70	80	100	140	150
d4 [mm]	27,5	27,5	27,5	43,5	43,5	43,5	56,5	83,5	97	110	146	174,3	225,1	278,4	328,4
s [mm]	8	8	8	10	10	10	10	10	10	12	16	16	18	22	22
Pmax [bar(g)]	16	16	16	16	16	16	16	10	10	10	6	6	6	6	6

PRODUCT CODE:

Example to explain the code composition

11 - 328 - 150 - 1 - 000				
GROUP	TYPE	NOMINAL SIZE	RING MATERIAL	VARIANT
11	328	DN 10	1) 1.4462	000) Standard
		DN 15	2) 2.4602	
		DN 20	3) 2.4610	
		DN 25		
		...		
		DN 150		
		DN 200		
		DN 250		
		DN 300		



Unless otherwise stated, the highlighted factory standard is supplied.

EXAMPLE:

11-328-150-1-000 equivalent to:

ACI Type 328

DN 150

Ring material made of 1.4462

Standard version

- other optional equipment



QUICK OVERVIEW:



PN 16
≤ -0,9¹ bar(g) up to
16² bar(g)



heat-resistant up to
300 °C



for liquid
media



for gaseous
media



Nominal size
DN 10 up to 300



Customized products
possible



Additional equipment
available



sterile execution

1) Depending on environment variables
2) Depending on nominal size

OPERATING CONDITIONS:

Operating conditions depend on the
choice of glass and gaskets:

		SIGHT GLASS	GASKETS				
		Borosilicate glass (DIN 7080/7079)	PTFE max. 200 °C	FKM max. 200 °C	NBR max. 80 °C	Silicone max. 180 °C	EPDM max. 130 °C
TEMPERATURE	up to 80 °C	✓	✓	✓	✓	✓	✓
	up to 130 °C	✓	✓	✓	✗	✓	✓
	up to 150 °C	✓	✓	✓	✗	✓	✗
	up to 200 °C	✓	✓	✓	✗	✗	✗
PRESSURE	up to 6 bar(g)	✓	✓	✓	✓	✓	✓
	up to 10 bar(g)	✓	✓	✓	✓	✓	✓
	up to 16 bar(g)	✓	✓	✓	✓	✓	✓

✓ suitable ✗ unsuitable

OPTIONAL EQUIPMENT:



Wiper



LED light



Clamp

> for Ex- and Non-Ex areas



Gasket

> PTFE, NBR, Silicone, FKM, EPDM

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