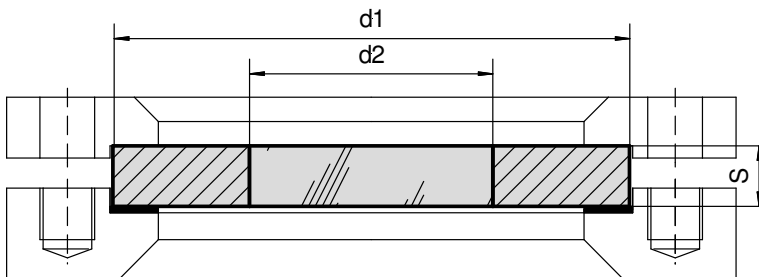


METAGLAS® Sight Glass Discs

Type 73

Date: 11th Nov. 2012



Metaglas Disc in DIN 28120 Sight Port

Applications:

As a replacement for conventional glass discs in the following assemblies:

- Circular sight ports to DIN 28120 or similar
- Circular sight ports to DIN 28121
- Screwed sight glasses similar to DIN 11851
- Sight flow indicators

Advantages:

- Reliability against total failure – the possibility of sudden unexpected rupture is totally excluded
- High resistance to bending and over-tightening offers simple and fast installation with no risk of breakage
- Extreme resistance to impact, pressure and temperature
- Reusable in the same or other applications – conventional glass is not
- Wide acceptance in the European & American chemical industries

Operating conditions:

Temperature: -60 °C to +300 °C

Pressure: Up to 64 bar (TÜV)

Higher pressures possible

Approvals and technical data:

Manufactured and tested in conformance with:

- Pressure Equipment Directive 97/23/EG 02/98, Module H/H1 (DIN/EN/ISO 9001)
- AD Standards W0/TRD 100
- TÜV and Factory Mutual Approval (materials and sizes – see approved drawings)
- Sight glass fused to metal conforming to DIN 7079
- Borosilicate glass to DIN 7080

Material certificates

Certificate of Conformity to EN 10204-3.1B or 3.1A

Ring materials	Operating temperature
Carbon Steel (1.0570)	-10 °C to +300 °C
Duplex Stainless Steel (1.4462)	-30 °C to +280 °C
Hastelloy C-22 (2.4602)	-60 °C to +300 °C
Hastelloy C-4 (2.4610)	-60 °C to +300 °C
Other materials available	

d1	d2	Pressure rating				
		10 bar	16 bar	25 bar	40 bar	64 bar
		S				
45	25	10	10	10	10	15
60	35	10	10	12	15	18
63	35	10	10	12	15	20
80	45	10	12	15	20	22
100	55	12	15	20	25	28
125	65	15	20	25	25	30
150	70	20	25	30	30	32
175	80	20	25	30	30	35
200	100	25	30	30	35	40
250	120	30	30	35	40	-