

Circular Sight Glass – Lightweight Series DIN 28120 PN0

Composition

- Flanges: SteelS235, P265GH, Stainless Steel 1.4404, 1.4307, 1.4435, 1.4539
- Seals: Klingersil C-4400, EPDM, Silicone, PTFE
- Glass: Soda-lime glass, Borosilicate glass, Polycarbonate
- Fastening: Screws DIN 933

Applications

- Internal observation of tanks, reactors, vessels, silos, agitators, separators, and pipelines

Operating Conditions:

- Pressure: Atmospheric
- Maximum Temperature:

280°C (Borosilicate glass DIN 7080)

150°C (Soda-lime glass DIN 8902)

Options

- Lighting: ATEX or standard projectors
- Accessories: Wiper, washer, O-ring
- Fixing: Counter-flange with tapped holes for projectors or protective grid

Certifications

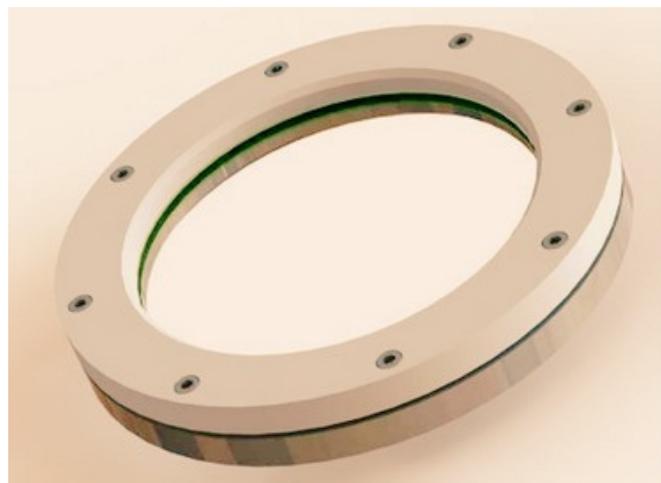
- Sight glass: Certificate 2.2
- Glass: Hydraulic test
- Seals: FDA/USP compliant (depending on material)

Installation:

1. Weld the lower flange
2. Install the seals, glass, and counter-flange
3. Tighten screws in a cross pattern

Customization:

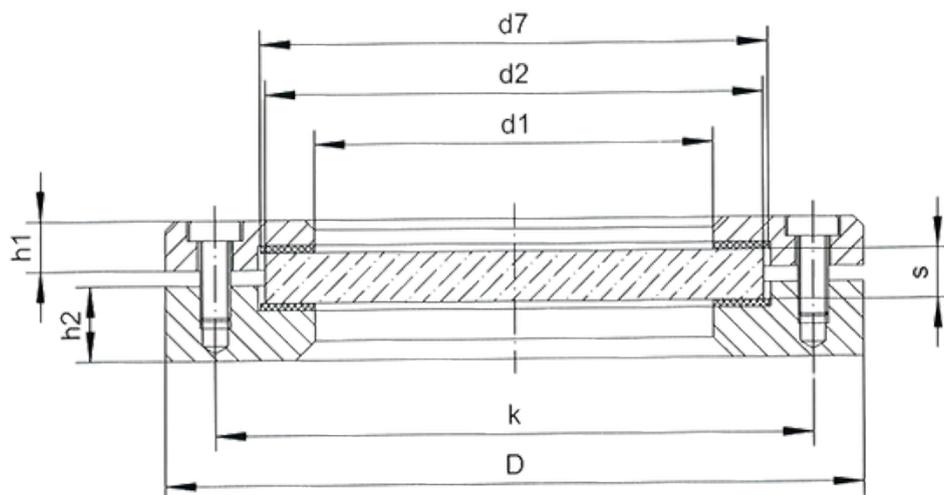
- Machined flanges available on request
- Adaptation for welding onto vessel nozzles



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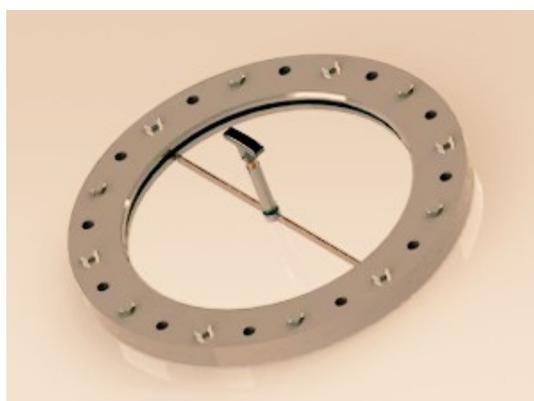
GALLET EQUIPEMENTS INDUSTRIELS
12 Z.I SAINT ELOI

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Nominal	DN	25	50	80	100	125	150	200
Disregarded value	d1	50	80	100	125	150	175	225
PN		0	0	0	0	0	0	0
Glass	d2	63	100	125	150	175	200	250
	s	10	10	10	10	10	10	10
Flanges	D	100	140	165	190	215	240	290
	k	80	120	145	170	195	220	270
	h1	10	10	10	10	10	10	10
	h2	15	15	15	15	15	15	15
Assembly fasteners		4 M6	4 M6	8 M6				
Gaskets	d1	50	80	100	125	150	175	225
	d7	65	102	127	152	177	202	252

1. Examples of bespoke components:



Atmospheric porthole DN350 featuring a bolt-on wiper.



Atmospheric porthole DN300 will be sealed.

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GALLET INDUSTRIAL EQUIPMENT

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Flat Gaskets	CE 1935 - 2004	FDA	USP VI	87/88	USP 121°	THIS IS BSE	T°
EPDM	Option	Yes	Yes	Yes	Yes	Yes	-40/150°C
VITON	Option	Yes	/	/	/	/	200°C
PTFE	Option	Yes	Yes	/	Option	Yes	250°C
KLINGER SCREEN	/	/	/	/	/	/	250°C
TOP CHEM	Yes	Yes	/	/	/	/	260°C
GYLON	/	Yes	Yes	/	Option	Option	260°C
PGAC	Yes	Yes	/	/	/	/	-220/240°C
SILICONE	Option	Yes	Yes	/	/	/	200°C
GRAPHITE PSM	/	/	/	/	/	/	500°C

O-RING	CE 1935 - 2004	FDA	USP VI	87/88	USP 121°	THIS IS BSE	T°
EPDM	Yes	Yes	Yes	option	option	Yes	-40/150°C
VITON	Yes	Yes	Yes	/	/	/	200°C
VITON FEP	Yes	Yes	Yes	88	/	Yes	-20/200°C
SILICONE	Yes	Yes	Yes	Option	option	Yes	200°C
KALREZ	/	Yes	Yes	88	Yes	/	330°C