

Sight glass fitting TYPE BS01



description:

Sight flow indicators are used for observation and to illuminate optical control of fluids and gases. E.g. tanks, silos, boilers...

features:

- suitable for neutral and non-neutral **liquids and gaseous media.**
- with borosilicate glass DIN 7080
- Delivery includes: Base- & cover flange, glass & sealing

Connection:

DN50, DN80, DN100, DN125, DN150, DN200

Design:

acc. similar DIN 28120

Pressure:

2,5 bar

Design:

to be welded directly to tank

Material base-flange:

stainless steel 1.4541

Material cover-flange:

stainless steel 1.4541

Seal:

C4400

Glass:

borosilicate glass DIN 7080

Screws:

A4-70

Temperature:

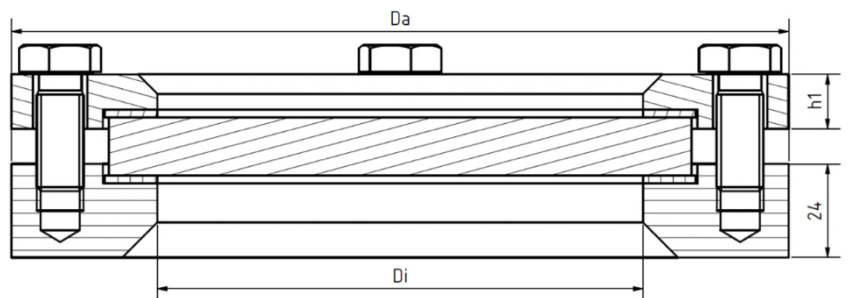
-10°C to +175°C (higher temperatures on request)

Delivery includes:

Base- & cover flange, glass & sealing

Dimensions:

DN	Di	Da	h1	Weight kg
50	80	150	12	3,6
80	100	175	14	5,0
100	125	200	14	5,9
125	150	220	16	7,1
150	175	250	16	8,8
200	225	300	16	11,3



Torque table for screws (for gasket Klingersil):

Tighten all screws in several small steps and crosswise. The specified torques are starting values. The torque required for sealing under operation conditions may be higher so that the sight glass gland must be retightened. If sufficient tightness is not achieved with the listed torques they should be increased in steps of approx. 5%.

All screws must have exactly the same tightening torque to avoid glass distortion and breakage!

DN	50	80	100	125	150	200
minimal torque in Nm	10	16	20	12	14	19

Options (on request):

- sizes DN300 and DN400
- soda lime glass DIN 8902 up to 150°C
- higher temperatures
- gaskets made of PTFE, FKM, NBR, Silicone, EPDM, Graphite
- special materials
- wiper with PTFE or silicone wiper blade
- LED lights (for Ex- and Non-Ex-areas)
- Spray device SVI
- Mica protection (highly recommended for aggressive media or steam!)
- FEP protective screen (for higher pH-values)

Article number:

Type	Glass	Version	Size
BS01	00 – borosilicate glass	00 – Standard	08 – DN50 10 – DN80 11 – DN100 12 – DN125 13 – DN150 14 – DN200

Example no. BS01000010:

BS01	00	00	10
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Article no. BS01000010

Sight glass fitting

Glass: borosilicate glass

Size: DN80

Image similar, subject change without notice.