

Tubular sight glass PN 25 / 40

with flange connections to DIN EN 1092-1



APPLICATION:

For observation of filling and flow in pipelines. The sight glass provides reliable 360° monitoring of the function and performance of individual devices as well as entire systems.

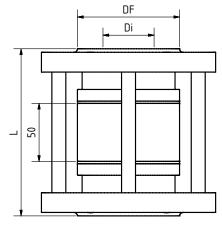
Tubular sight glasses type 671 are suitable for installation between flanges according to DIN EN 1092-1 PN25/40.

Operating conditions:						
Temperature: (depending on glass and gasket)	up to 280 °C with Borosilicate glass hardened					
Pressure:	≤ 40 ¹	bar(g)				
¹ max. working pressure see table bottom right PN16 see type 670 low temperature down to -196°C only on request						

Materials:						
Flange:	1.4571					
Glass tube:	Borosilicate glass					
Gasket: ²	PTFE; FKM; NBR; C4400; Silicone; EPDM; Graphite					
Screws:	A4-70 / A2-70*					
Special materials on request ² see INFO gaskets-leaflet *for low temperature						

INSTALLATION NOTE:

The flange bolting is taken into account and required for design tightness. Gaskets suitable for the sealing surfaces should be used. The bolt material should be of equal or higher quality than the flange material. If possible, the screw thread and the screw head should be lubricated. Tubular sight glasses must be installed in such a way to prevent pipe forces (tension, pressure and torsion), vibrations and pressure shocks from affecting the fitting!



DN	10	15	20	25	32	40	50	65	80	100	125	150
Di [mm]	13	18	23	29	38	44	55	71	83	108	132	160
DF [mm]	40	45	58	68	78	88	102	122	138	162	188	218
L mm]	134	134	134	134	144	144	146	148	148	158	174	174
Wt. [kg]	1	3	3,5	4	6	7	9	11	13	15	19	24
PS ³ [bar(g)]	40	40	40	40	40	40	40	25	25	25	20	16
Outer diameter, bolt circle and holes according to DIN 1092-1 PN25 / 40												
³ Borosilcate glass hardened												

With flange connections according to DIN EN 1092-1

Туре

671



Tubular sight glass PN 25 / 40

with flange connections to DIN EN 1092-1

PRODUCTCODE:

Group	ΤΥΡΕ	DN	PN	Flange	Glass tube	Gasket	Variants
11	671	1: 10 2: 15 3: 20 4: 25 5: 32 6: 40 7: 50 8: 65 9: 80 10: 100 11: 125 12: 150 16: Special	1.25 2.40	1: 1.4571 8: Special	1: Borosilcate glass hardened	1: PTFE 2: FKM 3: NBR 4: C4400 5: Silicone 6: EPDM 7: Graphite 8: Special	Assigned by ACI if required

INFO: Unless otherwise stated, the factory standard highlighted is supplied.

SPECIAL DESIGNS/OPTIONS:

- a) PN16 version (Type 670)
- b) ASME B16.5 variant on request
- c) Additional options on request

EXAMPLE:

11-671-10-1-1-7-000 equivalent to: ACI Type 671 DN 100 PN 25 Flanges made of 1.4571 Borosilicate glass hardened Gaskets made of graphite Standard version

Screws

Flange

Gasket

Gasket

Flange

Sight glass ring type 641



HIGHER OPERATING PRESSURES:

In individual cases, higher operating pressures than those specified may be possible. Please contact us if necessary.

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