

SSP-T Tubular Sight Glasses plastomer-lined

DN15 – DN150 resp. ½" – 6"

SSP-T Sight Glasses are ideally suited as reliable flow indicators for virtually all existing process media in either liquid or even gaseous state.

Operating Conditions

- Temperature range from –40°C (-40°F) up to +200°C (+392°F), depending on lining material
- Pressure range from 1mbar (0.01 psi) up to 16 bar (232 psi), depending on size/pressure/temperature

Testing / Marking

- Pressure- and tightness testing acc. to EN 12266-1, leakage rate A, resp. API 598.
- Marking of valves on body and name plate acc. to EN 19.
- Material- resp. test certificates acc. to EN 10204-3.1/2.2/2.1

Technical Data



Standard Materials of Components

1	Body Flanges	1.4404 (SS316L)
2	Lining	PFA (opt. PFA-AS conductive)
3	Gasket	PTFE/FPM insert
4	Glass Cylinder	Borosilicate 3.3
5	Safety Shield	PMMA-XT (acrylic glass)
6	Tie Bars, Bolts	SS316L/SS304L

Dimensions in mm (lbs = kg x 2.2) (psi = bar/0.0689)

DN Size	15/½"	20/¾"	25/1"	40/1½"	50/2"	65/2½"	80/3"	100/4"	150/6"
B DIN	130	150	160	200	230	290	310	350	480
B ANSI	130	150	152	178	203	216	241	292	356
kg DIN	2.2	2.6	3.0	4.4	5.9	9.4	11.7	14.1	29.0
kg ANSI	2.2	2.6	2.9	4.2	5.7	8.7	10.1	13.4	25.0
PS max.	16	16	16	16	16	16	15	11	8

B: F/F acc. to DIN EN 558-1 range 1 resp. ASME B16.10
other materials and sizes upon request



SSP-T Tubular Sight Glasses plastomer-lined

Specification

Project-/Customer Data		Inquiry/Date: _____		Ref. SF	
Company:		Contact Person:		Phone:	
Address:		Function:		Fax:	
ZIP/Place:		Department:		E-mail:	
Project:		Phone direct:		Mobile:	

Operating Conditions

Media / Chemical Composition: _____

<input type="checkbox"/> liquid	<input type="checkbox"/> powdery	<input type="checkbox"/> crystallizing	<input type="checkbox"/> sticky	<input type="checkbox"/> Spec. Grav. ____
<input type="checkbox"/> gaseous	<input type="checkbox"/> Solids ____ %	<input type="checkbox"/> viscous	<input type="checkbox"/> Flow Velocity ____ m/s	
<input type="checkbox"/> abrasive	<input type="checkbox"/> Particle ____ mm	<input type="checkbox"/> Visc. ____ cp	<input type="checkbox"/> Flow Rate ____ m ³ /hr	

Pressure	Temperature	Mode	Installation / Environment	
max. ____ bar	max. ____ °C	<input type="checkbox"/> On/Off	<input type="checkbox"/> horizontal	<input type="checkbox"/> Room dry
min. ____ bar	min. ____ °C	<input type="checkbox"/> Flow Control	<input type="checkbox"/> vertical	<input type="checkbox"/> Room humid
		____ cycles/____	<input type="checkbox"/> _____	<input type="checkbox"/> outdoor

Remarks: _____

SSP-T Product Code

Specification of a complete Tubular Sight Glass SSP-T Series

Product code	Nom. size	Flange conn.	Flange	Lining flange	Glass cylinder	Options
SSP-T	DN50	PN16	G34	A85	Gb	
	DN15 - 150 1/2" - 6"	PN16 PN40 ANSI150# ANSI300# JIS 10K	G34 1.4404 G32 1.4435 Tit. Gr.2 Tit. Gr.7 Hast. C-276 Hast. C-22	A85 PFA A86 PFA-AS PVDF PP ETFE	Gb Borosilicate	Sg Shield Borosilicate Gt PTFE-T gasket B7 B7 body bolts

Note: Apply same coding for Tubular Sight Glasses **SST-T** Series (fully stainless steel > w/o flange lining).