

DN15 – DN150 resp. 1/2" – 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.

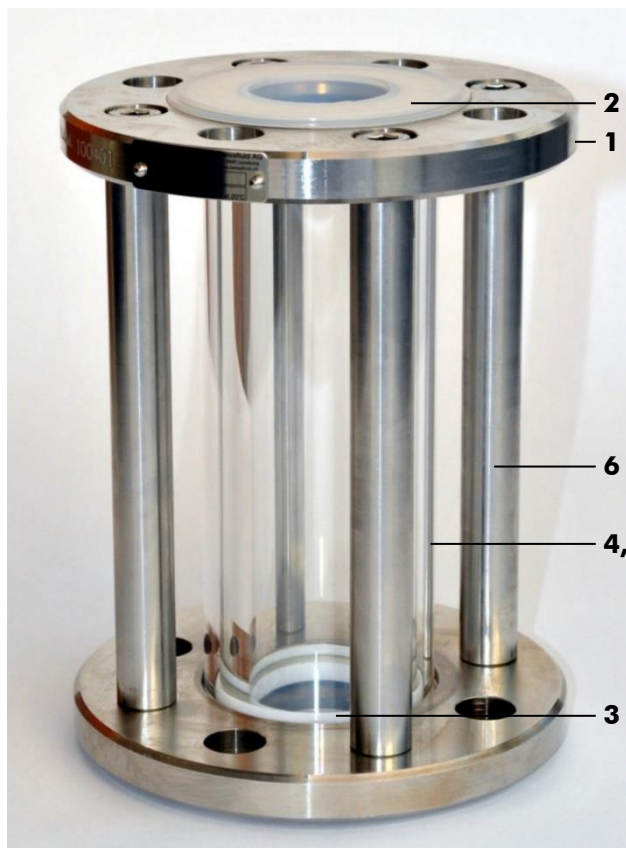
Operating Conditions

- Temperature range from -40°C (-40°F) up to $+160^{\circ}\text{C}$ ($+320^{\circ}\text{F}$), 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	15/1/2"	20/3/4"	25/1"	40/1 1/2"	50/2"	65/2 1/2"	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	37.0
kg ANSI	2.2	2.6	2.9	4.2	5.7	8.7	10.1	13.4	33.0
PS max.	16	16	16	16	16	16	13	11	7

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

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

max. ____ bar

min. ____ bar

Temperature

max. ____ °C

min. ____ °C

Mode

On/Off

Flow Control

____ cycles/ ____

Installation / Environment

horizontal

vertical

Room dry

Room humid

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 ½" - 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).