

## Full View Sight Glass Indicator

We are introducing our Sight Glass Indicator, It provides full view of liquid, flowing through vertical pipelines. However, it can also be used between horizontal pipelines provided no mechanical strain is imposed on the gauge. These frame sight glass are designed in such a manner to check the flow of liquid from any angle.

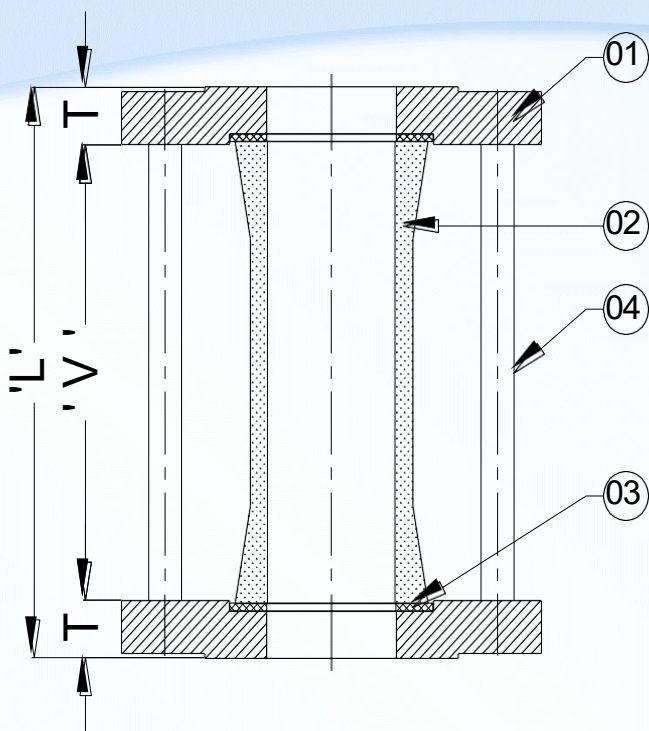


### Silent Features :

- Design & Testing As Per Mfg. Standard.
- End Connections as per ANSI B16.5 150 # Std.
- Pressure Test Certificate & Material Test Certificates furnished on request.
- Available with different flange size.
- Available with different MOC.
- 360 all round clear visual indication.

### Construction :

It consists of a heavy walled, tempered borosilicate glass with flared ends, held between two process flanges through tie-rod with packing to provide leak proof joint



Material Specification		
1	Process Flange	PP, CS, SS304, SS316
2	Glass	Toughened Glass
3	Packing	PTFE / Silicon
4	Stud / Bolt	CS, SS304, SS316
5	Max. Temperature	70 C (PP), 150 C (CS/SS)
6	Max Hydro Pressure	3 kg/cm2

## Details Of Dimensions

CLASS-150#						
SIZE	DN25 (mm)	DN40 (mm)	DN50 (mm)	DN65 (mm)	DN80 (mm)	DN100 (mm)
OD	107.9	127	152.4	177.8	190.5	228.6
THK. 'T'	14.2	17.4	18	18	18	18
RF	50.8	73	92	104.7	127	157.1
PCD	79.3	98.4	120.6	139.7	152.4	190.5
HOLE DIA.	15.8	15.8	19	19	19	19
NO. OF HOLE	4	4	4	4	4	8
VISIBILITY 'V'	145	140	140	140	140	140
TOTAL LENGTH 'L'	175	175	175	175	175	175

## Technical Specifications :

<b>Glass Tube</b>	Borosilicate Heavy Tempered
<b>Flange MOC</b>	CS / SS304 / SS316 / SS316L / PP
<b>Packing MOC</b>	Silicon or Expanded PTFE 'O' Ring
<b>Tie Rod MOC</b>	CS / SS304 / SS316
<b>Process Flange</b>	As Per Required
<b>Max. Temperature</b>	70 C (PP)/ 200 C (Metallic)
<b>Max. Hydro Pressure</b>	3 Kg/cm <sup>2</sup> (PP), 10 Kg/cm <sup>2</sup> (Metallic)

## Model Identification

**SGI -**

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### 1. Process Conn. Size

25 NB	A
40 NB	B
50 NB	C
65 NB	D
80 NB	E
100 NB	F

### 2. MOC

CS	1
SS 304	2
SS 316	3
SS 316 L	4
PP	5
Other	O

### 3. Packing

Silicon	S
Expanded PTFE	P

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