

FLOW SIGHT GLASS GAUGE

T SERIES – Thread Connection with Spring Paddle

The flow sight glass was designed with spring paddle for easy observation of flowing fluid from any direction.

Technical Data

Service: – Compatible gas and liquid – Water treatment system
– Industrial flow system – Double window indication

Material: Body– SS304, SS316, SS316L; Paddle–SS316; Spring– SS316
Gauge–Tempered glass; Gasket–Teflon, Gore Tex, Graphite, Sigma 533

*Gasket: Gore Tex, Graphite and Sigma 533 are unsuitable for TA type.

Max working temperature: 150°C (Teflon), 300°C (Gore-Tex)

Max working pressure: TA type: 10kg/cm² @25°C water;

TB / TB-DG (double glasses) / TB-DP (protection fence) type:

Available for 15, 25 and 40kg/cm² @25°C water

Optional: •Protection Fence / SS304: Protect the glass plate against damage from outside

•Tempered glass x 4pcs: more protection from outside

*Explosion Proof Type: [for size of ½”(15A) to 2”(50A)]: 16 kg/cm²



TA Type

TB Type

Approvals:

CE 2810



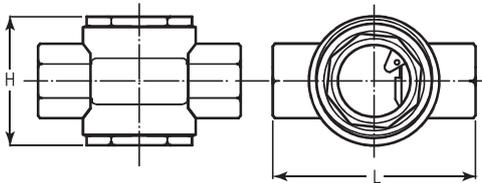
II 2G Ex h IIC Gb Tx

TB-DP Type
(Protection Fence)

*Tempered glass x 4 pcs

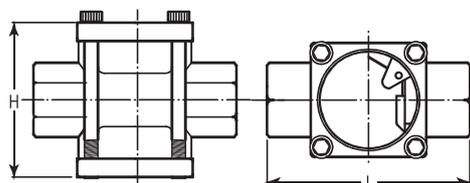
Dimension-mm

(A) TA Type



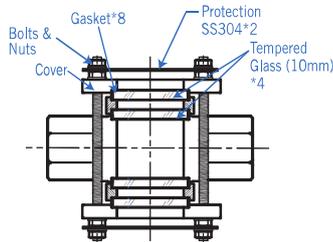
Range Size	½" (15A)	¾" (20A)	1" (25A)	1½" (40A)	2" (50A)
L	114	114	114	130	150
H	72	72	72	120	136

(B) TB Type

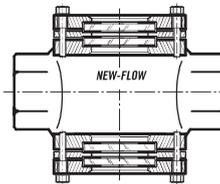


Range Size	½" (15A)	¾" (20A)	1" (25A)	1½" (40A)	2" (50A)
L	114	114	114	130	150
H	72	72	72	115	129

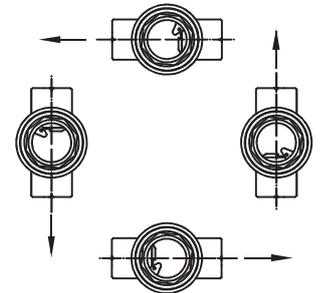
(C) TB-DP Type (Protection Fence)



(D) TB-DG Type (Double Glasses)



Mounting Position



Ordering Information

Code	Code	Body Material	Code	Explosion Proof Certification Request	
TA		(A) SS304 (B) SS316 (C) SS316L	N	Without	C International IECEx Certification & Europe Union ATEX Certification IECEX & ATEX ((Ex) II 2G) Certificate Ex h IIC Gb xx ("xx" stand for Temperature classification. Please select it as below temperature condition.) [e.g. ½”(15A), Tprocess 100°C] Please select T4 as following, and the Explosion proof marks: Ex h IIC Gb T4
TB					
TB-DP					
TB-DG					
		Code Size			
		(1) ½”(15A) (2) ¾”(20A) (3) 1”(25A) (4) 1½”(40A) (5) 2”(50A)			
		Code Connection Thread			
		(1) NPT (2) PF (3) Option			
		Code Gasket Material			
		(1) Teflon (2) Gore-Tex (unsuitable for TA type) (3) Graphite (unsuitable for TA type) (4) Sigma 533 (unsuitable for TA type)			
		Code CE Mark Request			
		3 Stamp			
		4 Without			
		Code Max. Working Pressure			
		0 10 kg/cm ² (for TA type only)			
		1 15 kg/cm ² (for TB type)			
		2 25 kg/cm ² (for TB type)			
		3 40 kg/cm ² (for TB type)			
			Temperature Classification / Condition		
			N	Without Explosion proof certification	
			T2	[for size ½”(15A) to 2½”(65A)]: 175°C < Tprocess ≤ 270°C [for size 3”(80A) and larger]: 140°C < Tprocess ≤ 220°C	
			T3	[for size ½”(15A) to 2½”(65A)]: 110°C < Tprocess ≤ 175°C [for size 3”(80A) and larger]: 85°C < Tprocess ≤ 140°C	
			T4	[for size ½”(15A) to 2½”(65A)]: 75°C < Tprocess ≤ 110°C [for size 3”(80A) and larger]: 60°C < Tprocess and Tamb ≤ 75°C 75°C < Tprocess ≤ 85°C	
			T5	[for size ½”(15A) to 2½”(65A)]: 60°C < Tprocess and Tamb ≤ 75°C [for size 3”(80A) and larger]: 48°C < Tprocess and Tamb ≤ 60°C	
			T6	[for size ½”(15A) to 2½”(65A)]: Tprocess and Tamb ≤ 60°C [for size 3”(80A) and larger]: Tprocess and Tamb ≤ 48°C	
					Complete Ordering Code