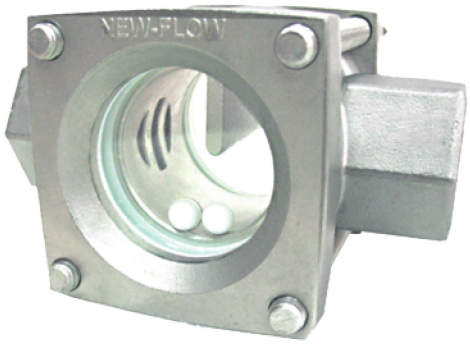
FLOW SIGHT GLASS GAUGE

TB SERIES-C / HT SERIES-B

– Indicating With Color Ball



TB-C Type



HT-B Type

Technical Data

Approvals:

II 2G Ex h IIC Tx Gb

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

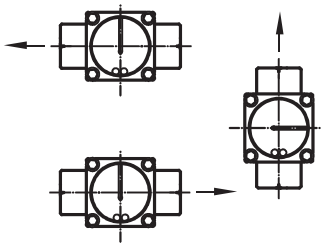
Material: Body– SS316(CF8M) ; Color Ball– PTFE ; Gasket– Teflon, Sigma 533
Gauge– Tempered glass for TB-C type and borosilicate glass for HT-B type

Max. Working Temperature: -40~150°C (Teflon) / -40~180°C (Sigma 533)

Max. Working Pressure: 16 kg/cm² @25°C water for TB-C type;
100 kg/cm² @25°C water for HT-B type

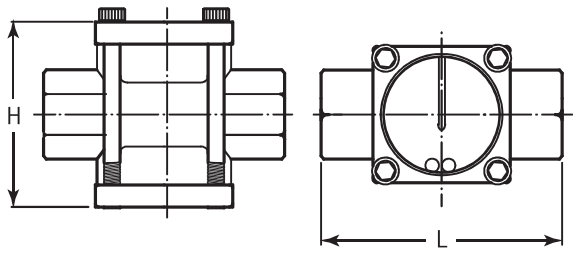
NOTE.
Operating Pressure Range: 0 to 16 kg/cm² (gauge) for Ex applications.

Mounting Position



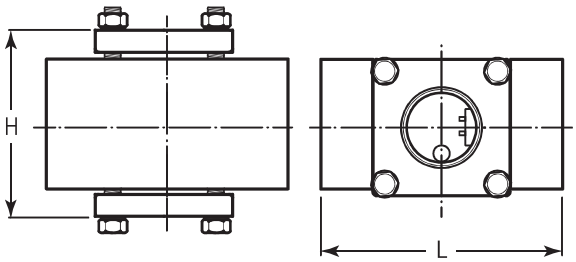
Dimensions-mm

TB-C Type



Size / Length	½" (15A)	¾" (20A)
L	114	114
H	72	72

HT-B Type



Size / Length	½" (15A)	¾" (20A)	1" (25A)
L	83	83	83
H	100	100	100

Ordering Information

TB-C HT-B	Code	Material
	S	Wetted parts are SS316(CF8M)

Code	Size
	(1) ½"(15A) (2) ¾"(20A) (3) 1"(25A)(only for HT-B type selection)

Code	Connection Thread (Female Thread)
	(1) NPT (2) PF (3) PT

Code	Gasket
	(1) Teflon (2) Sigma 533

Code	Explosion Proof Certification Request
N	Without
C	***International IECEx Certification & Europe Union ATEX Certification*** IECEx & ATEX (Ex II 2G) Certificate Ex h IIC xx Gb ("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 T4 Gb

Code	Temperature Classification / Condition
N	Without Explosion proof certification
T2	[for size ½"(15A) to 2½"(65A)]: 175°C < Tprocess ≤ 270°C and Tamb ≤ 75°C
	[for size 3"(80A) and larger]: 140°C < Tprocess ≤ 220°C and Tamb ≤ 75°C
T3	[for size ½"(15A) to 2½"(65A)]: 110°C < Tprocess ≤ 175°C and Tamb ≤ 75°C
	[for size 3"(80A) and larger]: 85°C < Tprocess ≤ 140°C and Tamb ≤ 75°C
T4	[for size ½"(15A) to 2½"(65A)]: 75°C < Tprocess ≤ 110°C and Tamb ≤ 75°C
	[for size 3"(80A) and larger]: 60°C < Tprocess and Tamb ≤ 75°C 75°C < Tprocess ≤ 85°C and Tamb ≤ 75°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

Code	Max. Working Pressure
0	16 kg/cm²
1	100 kg/cm² (for HT-B, see Note.)

									Complete Ordering Code
							+		