

SIGHT GLASS

Model: T8N/T10N (Compact Sight Glass With Flow Indicating Ball)

Features

Lightweight sight glass for installation at the outlet side of steam traps to monitor trap performance and to check for steam leakage. Also recommended for checking the line flow of air and water. Suitable for small-to-large flow rates.

1. Clear sighting through self-polishing, heat-resistant glass.
2. Ball movement indicates the flow status.
3. Model T(F)10N is designed for large flow rates due to through-hole in the partition between inlet and outlet.
4. Compact design saves space.
5. Inline repairable.

Do not use for toxic, flammable or otherwise hazardous fluids.



Specifications

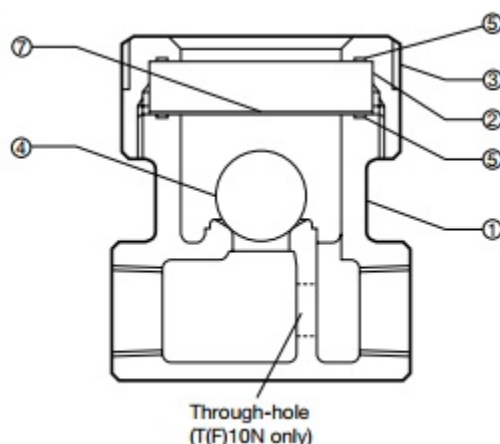
Model	T8N/T10N	TF8N/TF10N
Connection	Screwed	Flanged
Size (mm)	15, 20, 25, 32, 40, 50	
Max. Operating Press. (MPaG) PMO	1.57	
Max. Operating Temp. (°C) TMO	200	

PRESSURE SHELL DESIGN CONDITIONS (NOT OPERATING CONDITIONS): 1MPa = 10.197 kg/cm²

Maximum Allowable Pressure (MPaG) PMA: 1.57

Maximum Allowable Temperature (°C) TMA: 200

CAUTION : To avoid abnormal operation, accidents of serious injury, Do Not use this product outside of the specification range. Local regulations may restrict the use of this product to below the conditions quoted.



No.	Description	Materials	JIS	ASTM/AISI*
1	Body	Cast Iron	FC250	A126 Cl.B
2(R)	Sight Glass	Heat Resistant Glass	-	-
3	Glass Holder	Cast Iron	FC250	A126 Cl.B
4(R)	Ball	Fluorine Resin	PTFE	PTFE
5(R)	Gasket	Fluorine Resin	PTFE	PTFE
6	Nameplate**	Stainless Steel	SUS304	AISI304
7(R)	Guard Plate	Mica	-	-

*Equivalent **Shown overleaf

Replacement kits available: (R) repair parts\

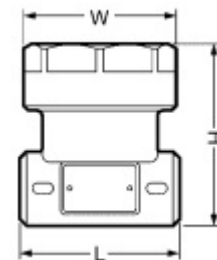
CAUTION The heat-resistant glass must be replaced every year.

Dimensions

T8N/T10N Screwed*

(mm)

Size	L	H	φW	Through-hole dia.**	Weight (kg)
15	68	79	65	10	0.9
20	75	87		15	1.0
25	79	94		18	1.2
32	120	106		20	1.9
40		113		25	2.1
50	126	127		30	2.7

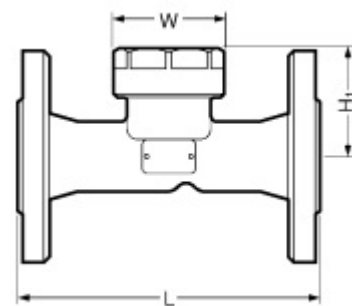


*Rc(PT), other standards available **T10N only

TF8N/TF10N Flanged

(mm)

Size	L				H	φW	Through-hole dia.**	Weight* (kg)
	ASME Class							
	125FF	(150FF)	250RF	(300RF)				
(15)	-	175	-	175	64	65	10	[2.9]
(20)	-	180	-	180	61		15	[4.6]
25	180		184	184	64		18	4.8
32	200	200	200	200	69		20	5.8
40			204	204	71		25	8.2
50					76		30	10



() No ASME standard exists for cast iron; machined to fit steel flanges

Class 125FF can connect to 150RF, 250RF can connect to 300RF

Other standards available, but length and weight may vary

*Weight is for Class 25 RF [300RF]

*T10 only

CAUTION Install a check valve on the outlet side if there is the danger of downstream water hammer!

Remark: Any further detail about TLV Product required, kindly contact our Sales Department or send e-mail to tlv@krungthaiequipment.com

