



SIGHT GLASS

MODEL T5N

COMPACT SIGHT GLASS WITH FLOW INDICATING BALL

Features

Compact lightweight sight glass for steam, water and air. Suitable for small-to-large flow rates.

1. Clear sighting through self-polishing, heat-resistant glass.
2. Cylindrical structure allows monitoring of the flow from the side and from above.
3. Ball movement indicates the flow status.
4. Compact design saves space.
5. Inline repairable.



Specifications

Model	T5N		
Connection	Screwed		
Size (mm)	15, 20, 25		
Maximum Operating Pressure (MPaG)	PMO	1.0	
Maximum Operating Temperature (°C)	TMO	120	
Applicable Fluids*	Steam, Water, Air		

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

1 MPa = 10.197 kg/cm²

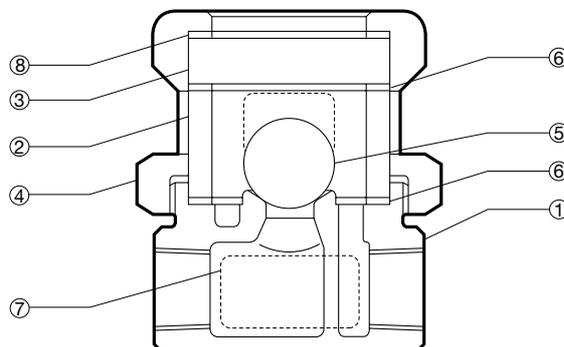
PRESSURE SHELL DESIGN CONDITIONS (**NOT** OPERATING CONDITIONS): Maximum Allowable Pressure (MPaG) PMA: 1.0
Maximum Allowable Temperature (°C) TMA: 120

CAUTION To avoid abnormal operation, accidents or 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	Material	JIS	ASTM/AISI*
①	Body	Cast Iron	FC250	A126 Cl.B
② ^M	Lower Sight Glass	Heat Resistant Glass	—	—
③ ^M	Upper Sight Glass	Heat Resistant Glass	—	—
④	Glass Holder	Cast Iron	FC250	A126 Cl.B
⑤ ^M	Ball	Fluorine Resin	PTFE	PTFE
⑥ ^M	Gasket	Ethylene Propylene Rubber	EPR	D2000CA
⑦	Nameplate	Stainless Steel	SUS304	AISI304
⑧ ^M	Gasket	Fiber-Rubber Compound	—	—

* Equivalent

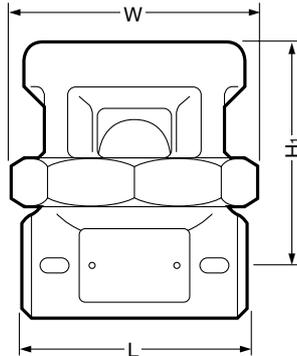
Replacement kits available: (M) maintenance parts



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

Dimensions

● **T5N**
Screwed



T5N Screwed* (mm)

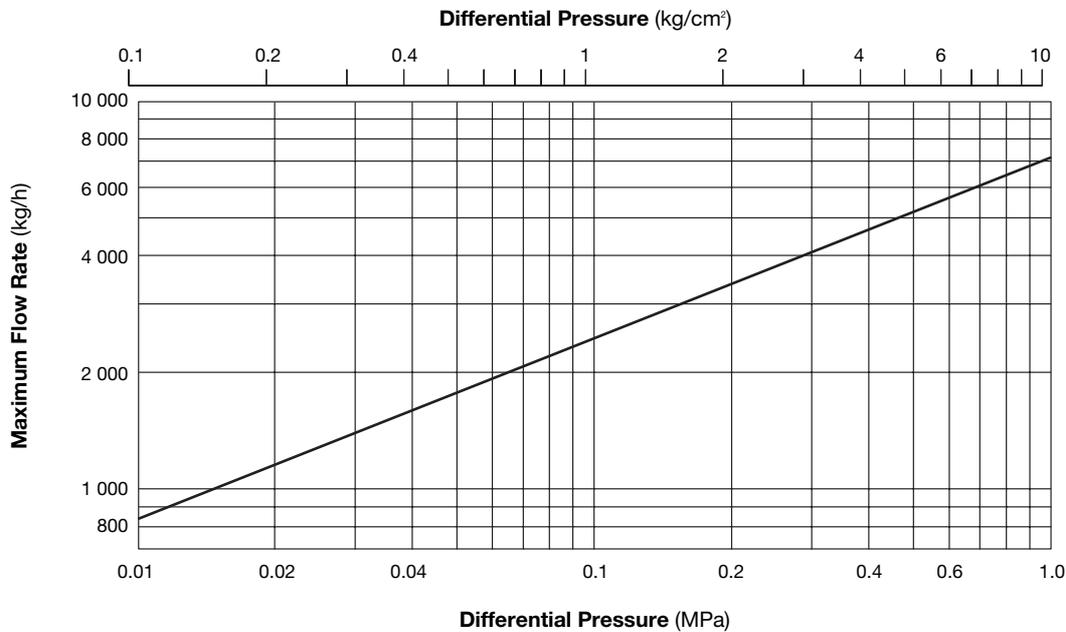
Size	L	H ₁	W	Weight (kg)
15	68	70	75	1.1
20	75	75		1.3
25	79	79		1.4

* Rc(PT), other standards available



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

Capacities



1. Capacities are based on continuous discharge of water at room temperature.
2. Differential pressure is the difference between the inlet and outlet pressure of the sight glass.

Manufacturer

TLV® CO., LTD.
Kakogawa, Japan

is approved by LRQA Ltd. to ISO 9001/14001

ISO 9001/ISO 14001

