

**DESCRIPTION:**

PG71 sight glasses are designed to check the flow of cooling water, lubricants, air, steam, etc. in a pipe line. They may also be used to check the functioning of steam traps. This simple device is also an effective back-flow preventer.

Suitable for horizontal installation.

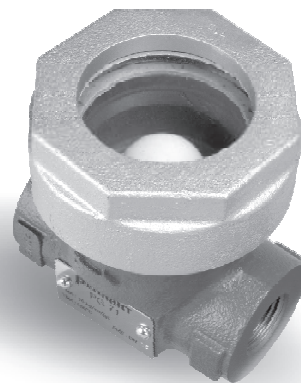
USE: Water, oil, steam, air and other non-corrosive media.

SIZES: 1/2", 3/4", 1"

CONNECTIONS: Screwed (NPT)

LIMITING CONDITIONS: (for steam)

Maximum allowable pressure	228 psig
Maximum allowable temperature	400 °F



**INSTALLATION:**

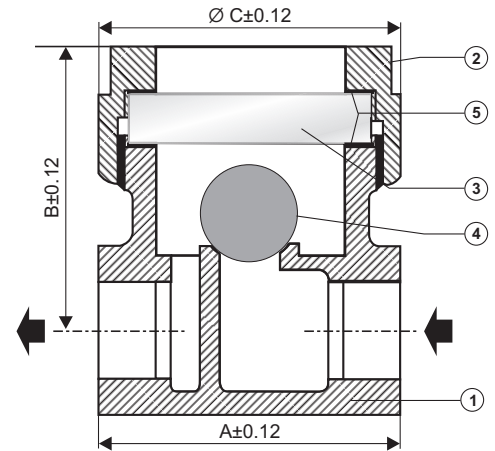
The sight glass should be installed in a horizontal pipe line with the glass at the top. Enough space should be left open above the glass to facilitate checking of the flow/operation. In cases where the device is fitted to check the operation of a steam trap, it should be fitted at a distance of 5 to 6 feet downstream of the trap.

**DISCHARGE CAPACITY IN lbs/hr (For hot condensate)**

Model	Differential Pressure (psi)																	
	3.5	7	15	28.5	42.5	57	70	85	100	115	128	145	157	170	185	200	213	228
<b>PG71-1/2"</b>	2320	2420	2618	3025	3430	3828	4235	4620	5038	5445	5840	6248	6645	7040	7460	7855	8260	8660
<b>PG71-3/4"</b>	3190	3300	3575	4090	4620	5140	5655	6160	6700	7215	7733	8260	8780	9295	9810	10340	10855	11375
<b>PG71-1"</b>	3345	3510	3830	4445	5105	5740	6350	7020	7655	8295	8930	9580	10240	10855	11495	12135	12770	13410

### MATERIAL:

No.	PART	MATERIAL	QTY. (Nos)
1.	BODY	Cast Iron	01
2.	COVER	Cast Iron	01
3.	GLASS	Toughened Borosilicate	01
4.	BALL	PTFE	01
5.	GASKETS	Non Asbestos	02

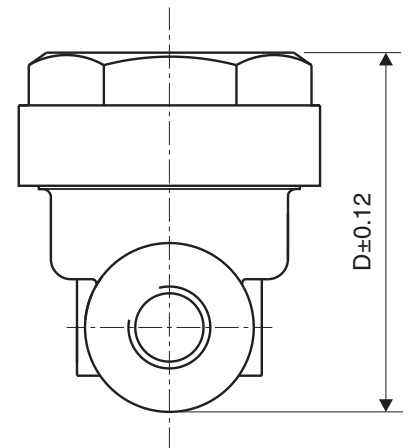


### DIMENSIONS (approx.) in inches

SIZE	A	B	C	D	Weight (lbs)
1/2"	3.3	2.8	3.0	3.62	3.1
3/4"	3.3	2.8	3.0	3.62	3.1
1"	3.3	3.0	3.0	4.0	3.5

### AVAILABLE SPARES:

Set of Glass, Ball, Gaskets.



Local regulations may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only. In the interest of development and improvement of the product, we reserve the right to change the specifications without prior notice.