

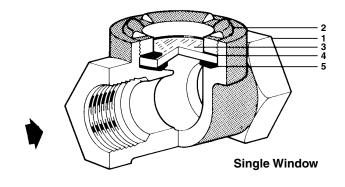
# **Sight Glass**

A Sight Glass provides a visual indication of liquid flow through pipework.

Model ➪	Single Window	le Window Double Window		
Sizes	1/2", 3/4", 1"	1-1/4", 1-1/2", 2"		
Connections	NPT			
Construction	Brass Body	Bronze Body		
	Toughened Glass			
Options	BSP Connections			

#### **Construction Materials**

No.	Part	Material	
1	Body 1/2" to 1"	Brass	BS 1400 LG2
	1-1/4" to 2"	Bronze	BS 1400 LG2 GpA
2	Bezel	Brass	BS 2872 CZ 122
3	Window	Toughened Soda Lime Glass	BS 3463
4	Top Washer (thin)	Reinforced Exfoliated Gra	phite
5	Bottom Washer	Reinforced Exfoliated Gra	phite



## **Limiting Operating Conditions**

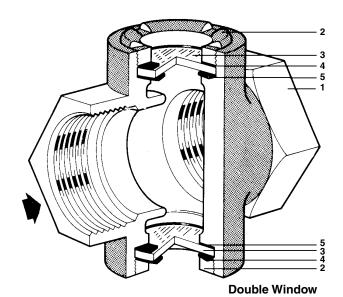
Max. Operating Pressure (PMO) 50 psig (3.5 barg)

Max. Operating Temperature 298°F (148°C)

### **Pressure Shell Design Conditions**

**PMA** 72 psig/0-298°F *5 barg/0-148°C* Max. allowable pressure

**TMA** 298°F/0-72 psig 148°C/0-5 barg Max. allowable temperature

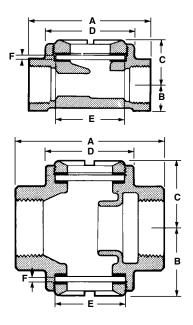


### **Typical Applications**

On any liquid system where indication of flow through pipe is required. Applications such as water lines, outlet condensate side of steam traps and discharge of pumps.

## **Sight Glass**

Dimensions (nominal) in inches and millimeters								
Size	Α	В	С	D	E	F	Weight	
Single Win	dow							
1/2"	<b>3.5</b> <i>89</i>	<b>0.63</b> 16	<b>1.3</b> <i>32</i>	<b>2.5</b> <i>64</i>	<b>2.0</b> <i>50</i>	<b>0.18</b> 4.8	<b>1.5lb</b> 0.6 kg	
3/4"	<b>3.5</b> <i>89</i>	<b>0.75</b> 19	1.4 35	<b>2.5</b> <i>64</i>	<b>2.0</b> 50	<b>0.18</b> <i>4.8</i>	<b>1.7 lb</b> 0.7 kg	
1"	<b>3.5</b> <i>89</i>	<b>0.94</b> <i>24</i>	1.5 38	<b>2.5</b> <i>64</i>	<b>2.0</b> 50	<b>0.18</b> 4.8	<b>2.0 lb</b> 0.9 kg	
Double W	/indow							
1-1/4"	<b>4.3</b> 108	<b>2.0</b> 51	<b>2.0</b> 51	<b>2.9</b> 73	<b>2.0</b> 50	<b>0.18</b> <i>4.8</i>	<b>4.4 lb</b> 1.9 kg	
1-1/2"	<b>4.3</b> 108	<b>2.0</b> 51	<b>2.0</b> 51	<b>2.9</b> 73	<b>2.0</b> 50	<b>0.18</b> 4.8	<b>4.0 lb</b> 1.8 kg	
2"	<b>4.5</b> 114	<b>2.2</b> <i>57</i>	<b>2.2</b> <i>57</i>	<b>3.0</b> <i>76</i>	<b>2.0</b> 50	<b>0.18</b> 4.8	<b>5.5 lb</b> 2.5 kg	



#### **Sample Specification**

Sight Glass shall be single/double type having brass body with screwed connections and removable toughened glass windows.

#### Installation

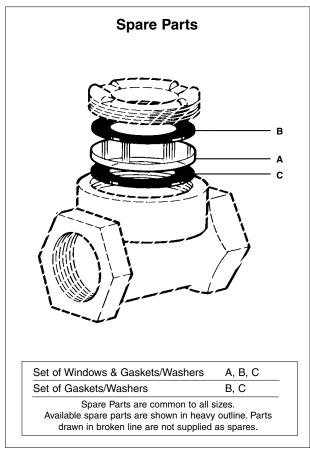
When installed on the outlet of a steam trap having a blast action discharge, the sight glass should be positioned at least 3 feet (1 meter) from trap outlet.

#### Maintenance

This product can be maintained without disturbing the piping connections. Complete isolation of the sight glass is required before any servicing is performed.

The sight glass should be disassembled as necessary for cleaning of the glass. The glass should be examined carefully for any evidence of erosion or chemical attack.

Worn or damaged parts should be replaced using a complete Repair Kit comprised of toughened glass and gaskets.



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