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VMV®

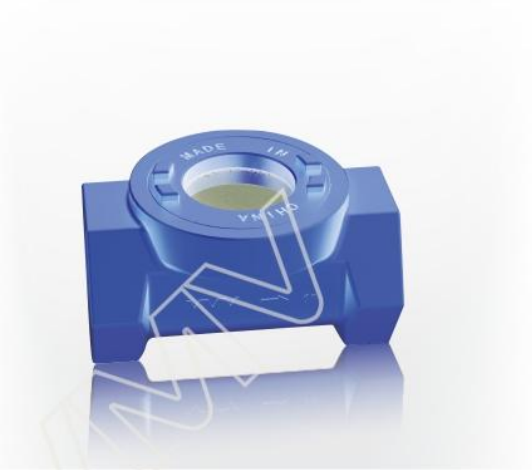
Newton Systems

STEAM TRAP SERIES

Sight Glass

Sight Glass

S1 Sight Glass



Overview

Single window sight glass, threaded connection, available in differentsizes in carbon steel products.

Structural Features

1. The structure is compact, saving installation space to the greatest extent and meeting customer needs.
2. Provide customized threaded connections (BSP or NPT) to meet the individual needs of customers.
3. Temperature resistant calcified glass lens with explosion proof function.
4. Flexible graphite gasket with high sealing and erosion resistance.

Applicable scope

It is used for the flow and reaction of liquid, gas, steam and other media in the pipelines of petroleum, chemical, pharmaceutical, food and other industrial production equipment, and plays a role in monitoring production and avoiding accidents in the production process.

Warning

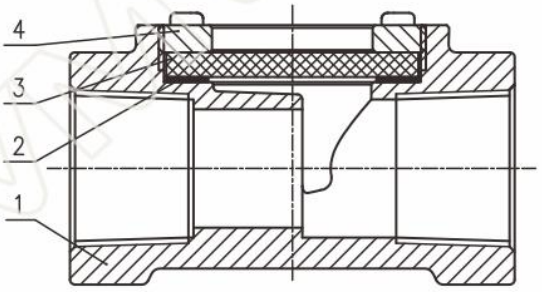
Condensed water in some applications can dissolve the window glass, especially if the water contains corrosive alkaline and acidic substances. Therefore, it is recommended to check the window glass regularly and replace the glass immediately if it becomes thinner. When viewing, wear goggles to protect your eyes.

Technical Parameter

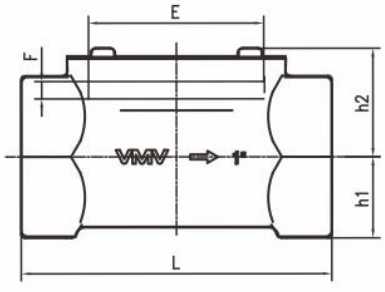
Model	Connection Method	Nominal Pressure PN MPa	Working Pressure Range MPa	Max.allowable Temp.°C @ Pre. MPa
	Screw thread	5	0.05-0.35	148@0.35
S1	Screw thread	5	0.05-0.35	148@0.35
	Screw thread	5	0.05-0.35	148@0.35
	Screw thread	5	0.05-0.35	148@0.35

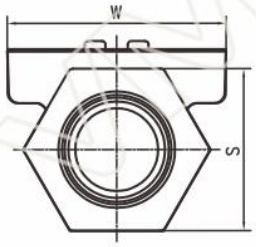
Material Table

Body: A105
Gasket: Flexible Graphite
Window: high temperature quartz glass
Bonnet: A105



Data Sheet





Structural Dimension Table

unit(mm)

Model	Nominal Size	L	W	S	h1	h2	E	F	Weight
S1	DN10	89	63	31	16	29	51	5	0.55Kg
	DN15	89	63	31	16	29	51	5	0.55Kg
	DN20	89	63	37	19	32	51	5	0.65Kg
	DN25	90	63	47	24	33	51	5	0.8Kg

VMV Newton Systems®

ZHEJIANG NEWTON FLUID CONTROL CO.,LTD.

Headquarters (Wenzhou)

Zhiyi road,Lingxia industrial zone,Wuniu,Wenzhou,
Zhejiang, China.
Tel: 86-577-67978269
Fax:86-577-67376711
E-mail: vmv@vmv-valve.com

Shanghai R&D Center

Jiading District, Shanghai
Building 12A, Chengbei Road
Tel: 86-18057752663
E-mail: vmv8@vmv-valve.com

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