

Newton Systems



STEAM TRAP SERIES

Wafer Check Valve

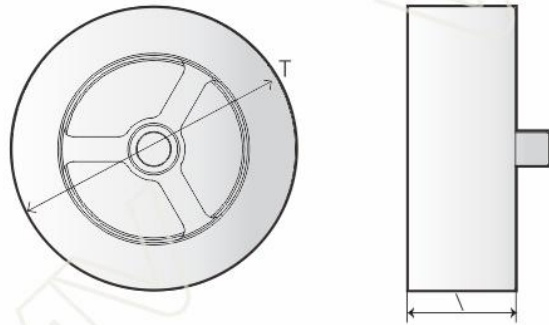
Wafer Check Valve

Wafer Check Valve **MH71H-25P**

Structural Features

ZM71H-25P is a wafer type check valve. The valve seat and valve disc are processed by heat treatment and aging treatment, and the machining accuracy reaches Micron (μm) level, and zero leakage when closed. Suitable for steam pipelines, noncorrosive gases, liquids and other media

Structure Diagram



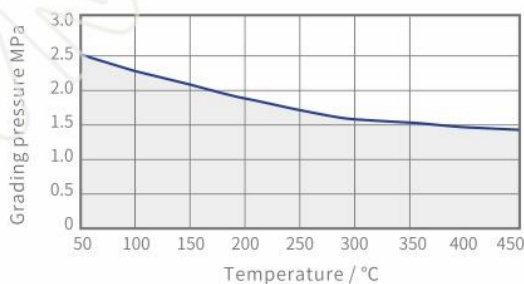
Technical Parameter

Model	Connection Method	Nominal Pressure PN MPa	Working Pressure Range MPa	Max.allowable Temp.°C @ Pre. MPa
		25	0.05-2.5	220@2.5
		25	0.05-2.5	220@2.5
		25	0.05-2.5	220@2.5
MH71H-25P	Wafer	25	0.05-2.5	220@2.5
		25	0.05-2.5	220@2.5
		25	0.05-2.5	220@2.5
		25	0.05-2.5	220@2.5

Material Table

Valve body:304 Valve disc:420J2
Valve seat:420J2 Spring:304

(PN25; CF8/304 material) Valve Body Pressure-Temperature Ratings



Structural Dimension Table

unit(mm)				
Model	Nominal Size	L	D	Weight
MH71H-25P	DN20	19	55	0.24 kg
	DN25	22	64	0.36 kg
	DN32	28	74	0.55 kg
	DN40	32	84	0.76 kg
	DN50	40	103	1.32 kg
	DN65	46	122	2 kg
	DN80	50	135	2.5 kg



VMV Newton Systems®

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