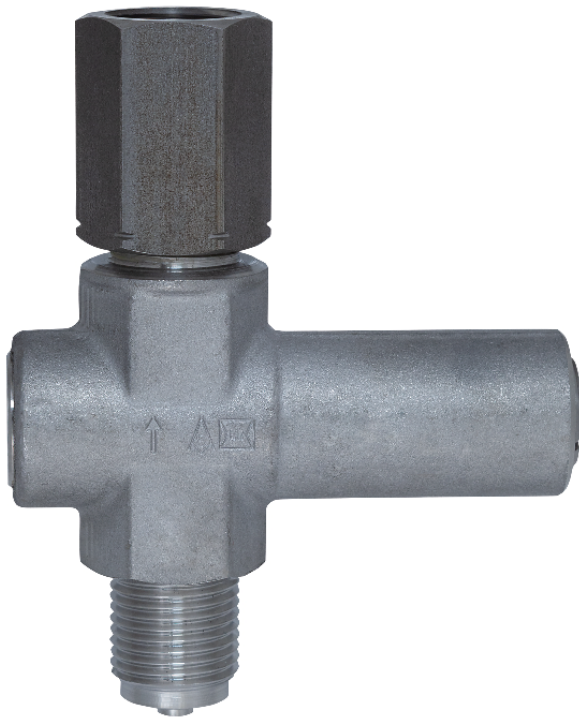


Overpressure safety device



Application

Adjustable overpressure safety device used to protect the system against peak pressures exceeding the range of the pressure gauge. At measuring points which are subject to great pressure variations, you can install different pressure gauges with different ranges in order to precisely measure even the lower pressures. The overpressure safety devices are adjusted according to the maximum pressure ratings of the various pressure gauges installed.

Technical Specifications

Function

When the set pressure is reached, a piston valve blocks the port to the pressure gauge. After the pressure has dropped to a value of approx. 25 % below the closing pressure, the valve opens again.

Operating temperature range

max. 80 °C

Overpressure safety

Stainless steel 316 Ti

1000 bar

Max. vacuum range up to -1 bar, no adjustment function

Connection

G $\frac{1}{2}$ female/female connection x male

material

Housing: Stainless steel 316 Ti

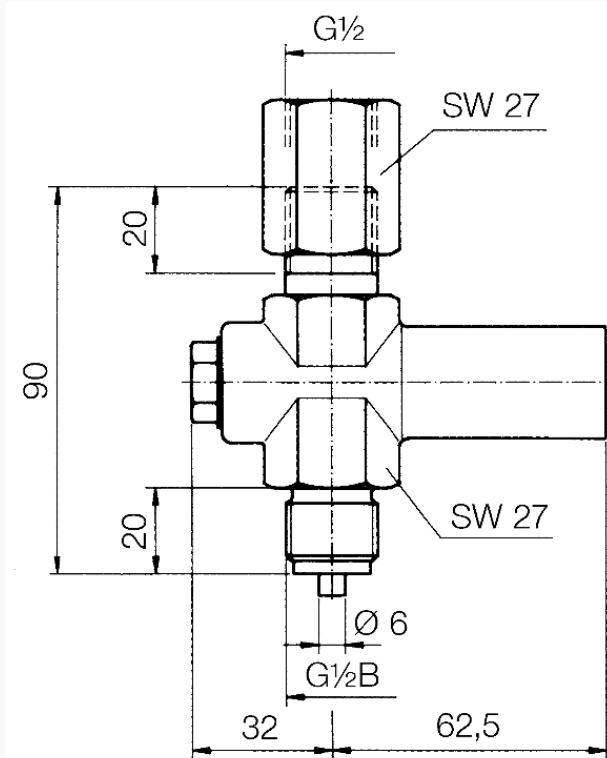
piston: Stainless steel 316 Ti

Female/female connection: Stainless steel 303

diaphragm: FKM (Viton)

O ring: FKM (Viton)

Technical Drawings



Dimensions (mm)

Versions

Type	Connection	Adjustment range	material		Part no.
Overpressure safety device female/female connection x male	G $\frac{1}{2}$	0.4/2.5 bar	Stainless steel 316 Ti	●	63139
Overpressure safety device female/female connection x male	G $\frac{1}{2}$	2/6 bar	Stainless steel 316 Ti	●	63140
Overpressure safety device female/female connection x male	G $\frac{1}{2}$	5/25 bar	Stainless steel 316 Ti	●	63141
Overpressure safety device female/female connection x male	G $\frac{1}{2}$	20/60 bar	Stainless steel 316 Ti	●	63142
Overpressure safety device female/female connection x male	G $\frac{1}{2}$	50/250 bar	Stainless steel 316 Ti	●	63143
Overpressure safety device female/female connection x male	G $\frac{1}{2}$	240/400 bar	Stainless steel 316 Ti	●	63144

● in-stock items

● Non-stock items