

Overpressure safety device

Part no. 63133



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

Brass

600 bar

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

Connection

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

material

Housing: Brass

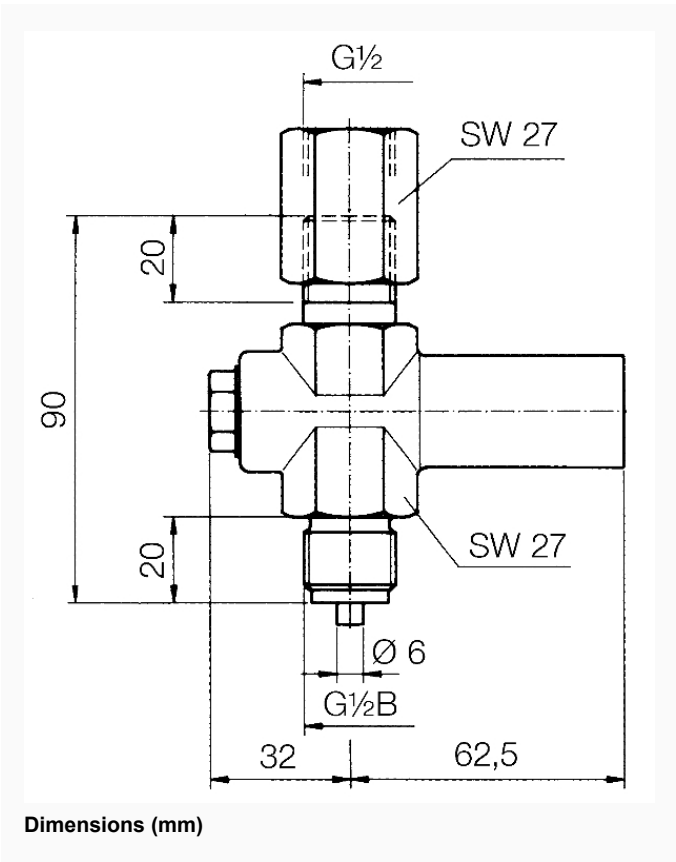
piston: Stainless steel 316 Ti

Female/female connection: Steel

diaphragm: FKM (Viton)

O ring: FKM (Viton)

Technical Drawings



Versions

Type	Connection	Adjustment range	material	Part no.
Overpressure safety device female/female connection x male	G1/2	5/25 bar	Brass	63133

-  in-stock items
-  Non-stock items