



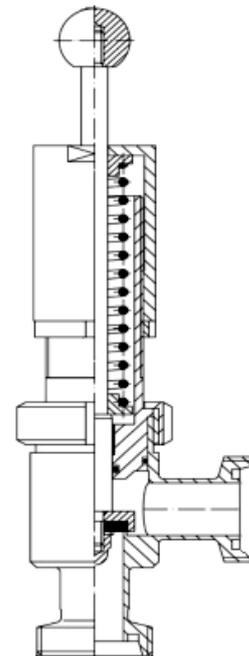
M&S pressure relief valves are spring-loaded valves for setting a system or line pressure. It protects pressure-sensitive components such as pumps, heat exchangers or fillers against an impermissible increase in pressure. When the set pressure is reached, the valve opens and thus reduces the system pressure. These pressure relief valves are mainly used for systems with normal hygienic requirements.

For high demands on cleanability and for aseptic applications, M&S pressure relief valves are available with a diaphragm sealing system.

M&S-Pressure relief valves



Cross section view housing



Usage

Features

Versions

- For relief in the event of an impermissible pressure increase (not a component-tested safety valve !).
 - * in piping systems and containers with normal demands on hygienic properties.

Usage

Features

Versions

- Simple assembly and adjustment of the set pressure.
- Operationally safe and robust.
- Cost-effective design.
- Can be cleaned and sterilised (CIP/SIP).
- Metal stop for gasket.
- Easy gasket replacement while maintaining set pressure.
- Seat cleaning manually or optionally with pneumatic lifting unit.



Usage	Features	Versions
	<ul style="list-style-type: none">• Sizes<ul style="list-style-type: none">* DN 25 - DN 80.• Pressure-/adjusting range<ul style="list-style-type: none">* 0,5 bis 10 bar.• Housing design<ul style="list-style-type: none">* L-type corner housing (standard).• Process connections<ul style="list-style-type: none">* Male parts according to DIN 11851.* Optional with welding ends or other connecting elements from the M&S product range .• Seat lifting<ul style="list-style-type: none">* Manual or pneumatic (picture).• Materials<ul style="list-style-type: none">* Housing: 1.4301/1.4307 AISI 304/304L, optional other stainless steels, titanium or hastelloy.* Gaskets (FDA compliant): EPDM, FKM, NBR.• Surfaces<ul style="list-style-type: none">* In contact with product $Ra \leq 0,8 \mu\text{m}$, not in contact with product $Ra \leq 1,6 \mu\text{m}$.* Other surfaces on request.• Working temperature<ul style="list-style-type: none">* Depending on gasket material.	