

Niezkodka GmbH



Relief-Valve, springloaded

for liquids in closed completion, high pressure

Type 24

This spring-loaded relief valve can be used in any application where products are homogenised. For example, it can be used in the food and beverage industry (e.g. for milk), in the pharmaceutical or bio industry (e.g. for crèmes) or in the chemical industry (e.g. for oils and additives).

The benefit of this relief valve is that it works at very high pressures (up to 670 bar g), so that the sensitive products can be homogenised very quickly.

Approvals:

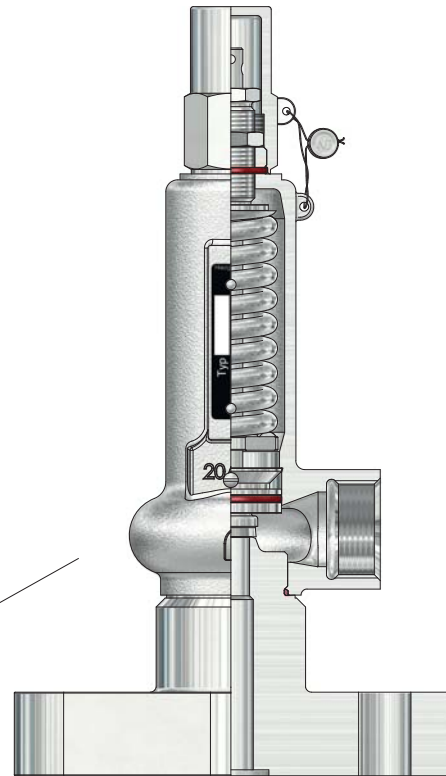
Pressure equipment directive: 97/23/EG

Declaration of conformity



Technical data:

Material:	Inlet body / Spring bonnet
Type 24.2:	1.4308 / 1.4571, 1.4581
Nominal pressure:	PN 670
Connection size:	DN 15
Process connection:	Oval flange
Seals:	Metal seated
Flow media:	Liquids
Temperature ranges:	0°C to 100°C



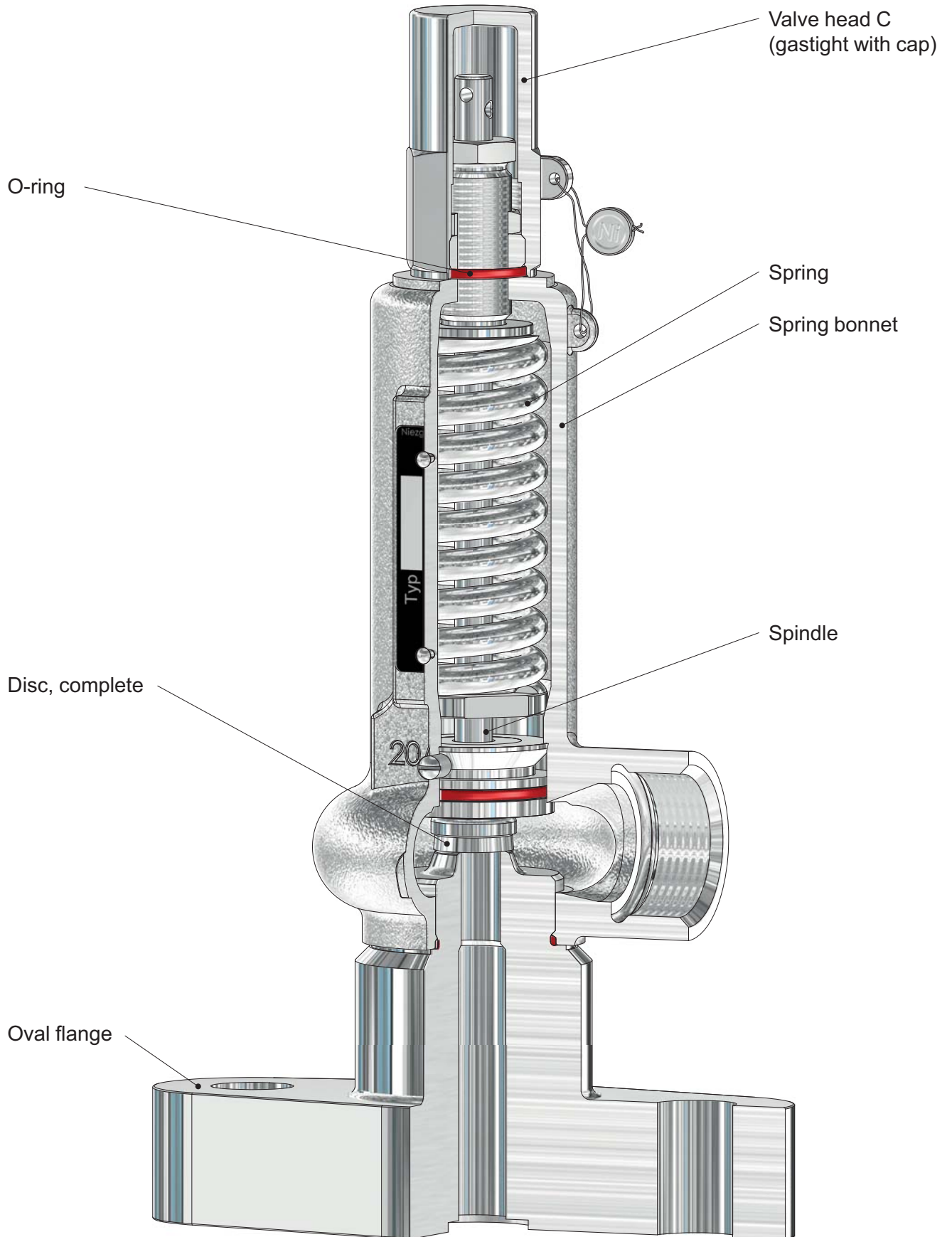
Homogeniser
Type HL2

Function:

When the pressure before the relief valve reaches the set pressure, the valve commences to lift, i.e. it opens a little at first to discharge small amounts of fluid. If the pressure continues to increase, it will open wider and more fluid is discharged. The throughput usually is much lower than in a safety valve of the same dimension because there is no disc holder. For use in viscous fluids, a relief valve may, however, be modified for higher throughput.

Opening characteristics:

There are no requirements regarding opening characteristics of relief valves. Opening and closing pressure differences are larger than in a safety valve and strongly depend on the type of fluid and amount of the set pressure. However, they can be adjusted within certain thresholds on request.



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