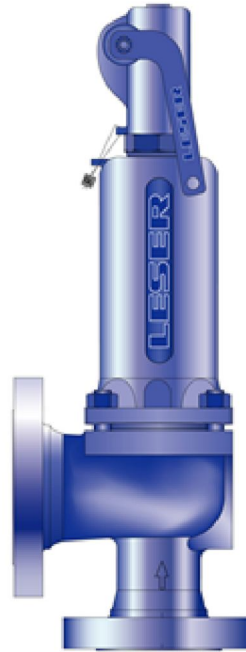


Type 441, 442 DIN - DN 25

Art.-Nr: 4414.4644		
DN _I		25
DN _O		40
Valve size		25x40
Actual orifice diameter d ₀ [mm]		23
Actual orifice area A ₀ [mm ²]		415.48
LEO _{S/G} [inch ²]		0,462
LEO _L [inch ²]		0,516
Dimensions & Weight		
Weight [kg]		9
	with bellows	10
Center to face [mm]	Inlet a	105
	Outlet b	100
Height (H4) [mm]	Standard H max	339
	Bellows H max	378
Body material: 1.4408 (SA 351 CF8M)		
PN / PR	Inlet	PN 40
	Outlet	PN 16
Pressure temperature rating		
Minimum set pressure	p [bar _g] S/G/L	0.1
Min. set pressure standard bellows	p [bar _g] S/G/L	3
Min. set pressure low press. bellows	p [bar _g] S/G/L	0.98
Maximum set pressure	p [bar _g] S/G/L	40
Maximum set pressure with special spring	p [bar _g] S/G/L	
Temperature acc. To DIN EN	min. [°C]	-270
	max. [°C]	400
Temperature acc. To AMSE	min. [°C]	-268
	max. [°C]	538

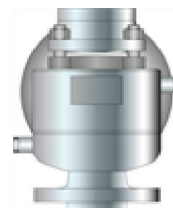


Available Options

option code

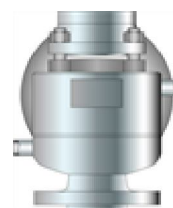
Heating jacket: material 1.4541, heating connect. male screwed G 3/8 DIN 2986 - 1.4571

H29



Heating jacket: material 1.4541, heating connect. male screwed G 3/4 DIN 2986 - 1.4571

H30



Heating jacket: material 1.4541, heating connection flange DN 15, PN 25 - 1.4571/1.4404

H31



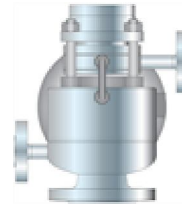
Heating jacket: material 1.4541, heating connection flange DN 25, PN 25 - 1.4571/1.4404

H32



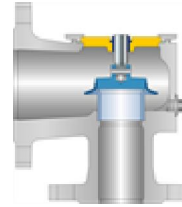
Bonnet spacer: heated

H33



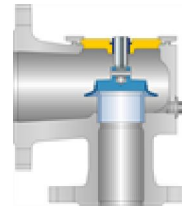
Drain hole: G 1/4 plugged (plug screw 1.4401)

J18



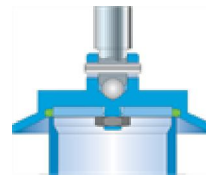
Drain hole: G 1/2 plugged (plug screw 1.4401)

J19



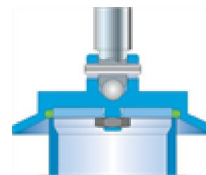
O-ring disc: FFKM "C", (Kalrez)

J20



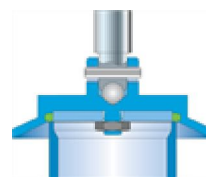
O-ring disc: "K", CR (Neoprene, Baypren)

J21



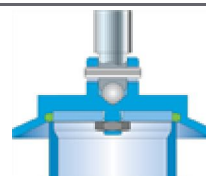
O-ring disc: "D", EPDM (Dutral, Keltan, Vistalon)




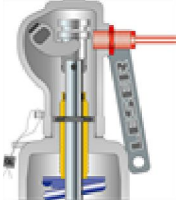
J22

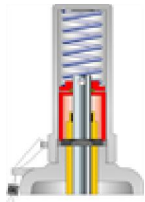

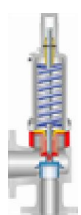
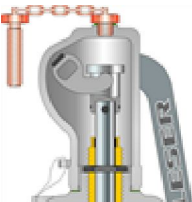
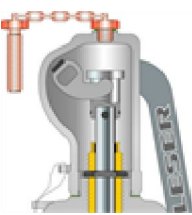


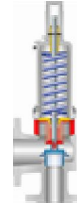
O-ring disc: "L", FPM (Viton, Fluorel, Technoflon)

J23



Metal disc: turnable, removable lifting aid	J24	
Disc: stellite sealing surface, detachable lifting aid, bull race version acc. to LWN 310.02	J25	
Disc: detachable lifting aid	J26	
O-ring-disc: "B", IIR (Esso Butyl, Polysar Butyl)	J30	
Lifting device H4: with adapter M12x1 or M18x1 for lift indicator	J39	
Disc: with sealing plate material PTFE-FDA	J44	
Disc: with sealing plate material PCTFE	J48	
Disc: with sealing plate material VESPEL-SP1	J49	
Lift stopper: acc. to LWN 324.01 (lifting device H4)	J50	

Lift stopper	J51	
Lift stopper: acc. to LWN 324.01 (cap H2)	J52	
Bellows for low set pressure	J63	
Friction damper: acc. to LWN 324.02 (cap H2)	J65	
O-ring-damper: lifting device H4 (gastight)	J66	
Stainless steel bellows: material 1.4571, open bonnet	J68	
Lifting device H4: Test Gag	J69	
Lifting cap H2: Test Gag	J70	
Stainless steel bellows: material 1.4571, closed bonnet	J78	



Elastomer bellows

J79

Bellows: material Hastelloy C276 / 2.4819

J81

Bellows: material Inconel 625 / 2.4856

J82

Version: oil- and grease-free acc. to LWN 325.03,

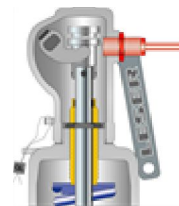
J85

Bellows out of elastomer NBR

J87

Lift indicator M12x1 or M18x1 (d.c.)

J93



Heating jacket: material 1.4541, heating connection flange 1/2" - 150# ANSI B16.5 - 1.4571/1.4404

K31

Heating jacket: material 1.4541, heating connection flange 1" - 150# ANSI B16.5 - 1.4571/1.4404

K32

Disc material: 1,4571/1,4404

L44

Spring: for higher temperatures

X01

Spring material: stainless steel 1.4310

X04
