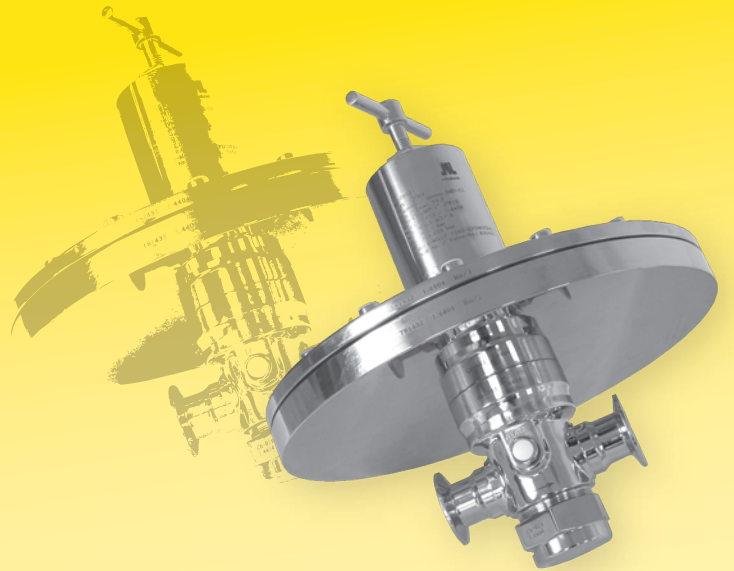
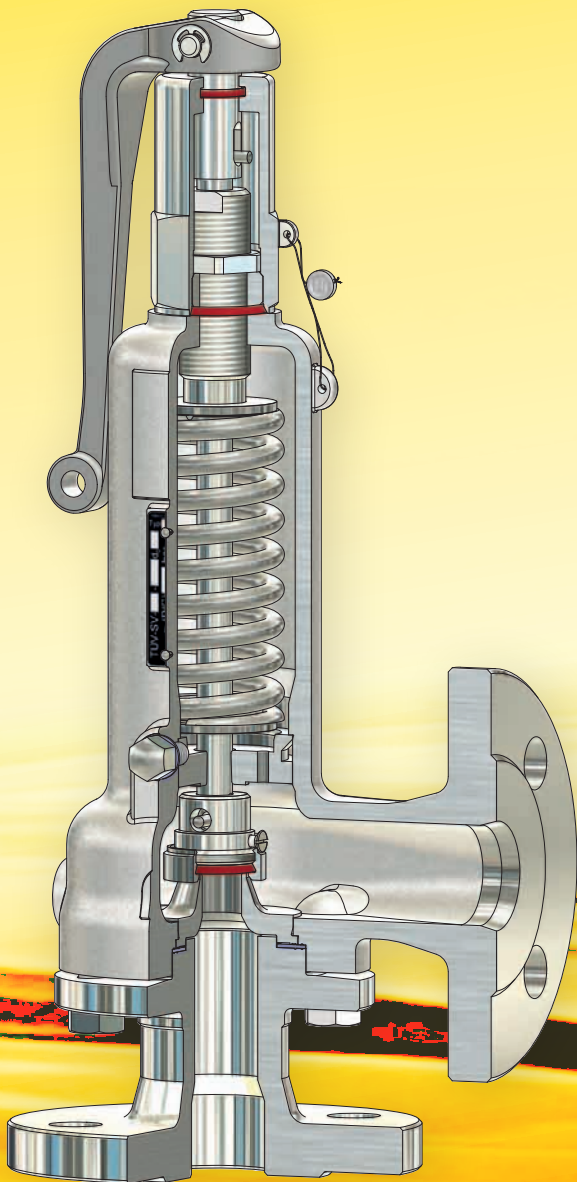
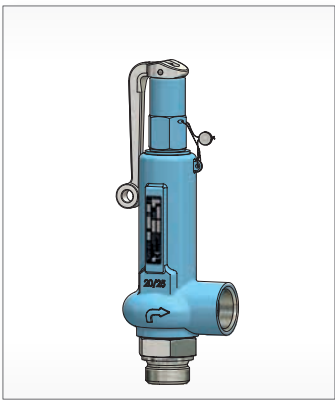


# Niezgodka GmbH

## Type overview

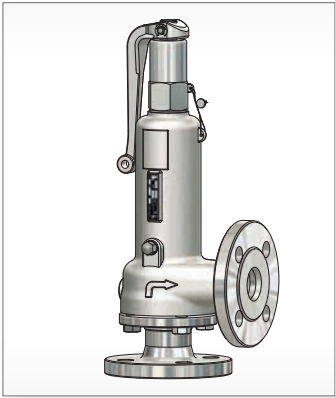


**NH**



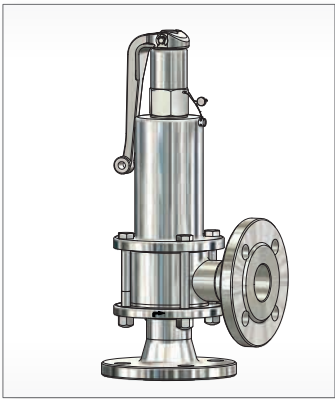
### Thread Safety- / Relief-Valves, right angle

Typ	Fluid	Material				Connections size		PNE [bar(g)]	Set pressure		Valvehead
		-1	-2	-3	-7	G	DN		min [bar(g)]	max	
1	D/G/F	●	●	●		3/8 - 2	10 - 50	500	0,05 / 500	A - H, T	
5	D/G/F	●	●	●		1/4 - 3/8	8 - 10	200	0,40 / 200	C, D	
10	D/G/F	●	●	●		3/8 - 1 1/4	10 - 32	500	0,05 / 500	A - C, H, T	
14	D/G/F	●	●	●		3/8 - 3/4	10 - 20	500	0,20 / 500	A - C, E - H, T	
18	D/G/F	●	●	●		3/8 - 1 1/4	10 - 32	200	0,05 / 200	A - C, H, T	
19	D/G/F	●	●	●		3/4 - 1 1/2	20 - 40	130	0,05 / 130	A, C, H, T	
21	D/G/F	●	●			3/4 - 1	20 - 25	1100	80 / 1100	A, C, T	
21	F	●	●			3/4 - 1	20 - 25	1000	100 / 1100	A, C, T	
140	D/G/F	●	●	●		3/8 - 3/4	10 - 20	500	0,20 / 500	A - C, H, T	



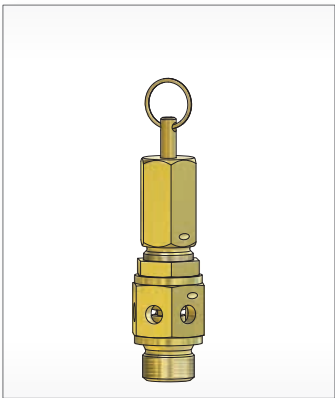
### Flange Safety- / Relief-Valves, right angle

Typ	Fluid	Material				Connections size		PNE [bar(g)]	Set pressure		Valvehead
		-1	-2	-3	-7	G	DN		min [bar(g)]	max	
3	D/G/F	●	●	●		1/2 - 4	15 - 100	16 / 320	0,05 / 300	A - C, F - H, T	
30	D/G/F	●	●	●		1/2 - 4	15 - 100	16 / 63	0,05 / 40	A, C, H, T	
31	D/G/F	●	●	●		1/2 - 3	15 - 80	16 / 63	0,05 / 40	A, C, H, T	
32	D/G/F	●	●	●		1/2 - 2 1/2	15 - 65	16 / 160	0,10 / 250	A, C, H, T	
33	D/G	●	●	●		1/2 - 2	15 - 50	16 / 63	0,15 / 120	A, C, H, T	



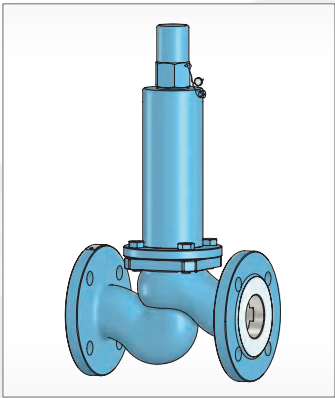
### Discharge Safety- / Relief-Valves, Food - pharmacy

Typ	Fluid	Material			Connections size		PNE [bar(g)]	Set pressure		Valvehead
		-1	-2	-3	G	DN		min [bar(g)]	max	
35	D/G/F	●			1/2 - 3	15 - 80	16 / 40	0,10 / 16	A - C, F, H, T	
35	D/G/F	●			1 + 2	25 + 50	16 / 40	0,10 / 16	A - C, H, T	



### Open discharge Safety- / Relief Valves, with screwed

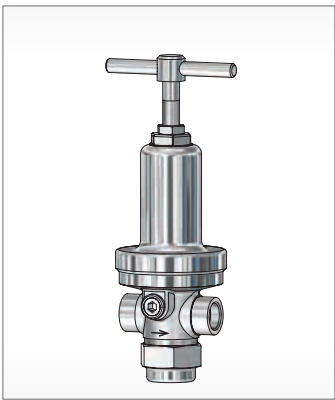
Typ	Fluid	Material			Connections size		PNE [bar(g)]	Set pressure		Valvehead
		-1	-2	-3	G	DN		min [bar(g)]	max	
4	D/G/F		●		1/4 - 1/2	8 - 15	200	0,40 / 200	C, D	
6	D/G	●	●		1/2 - 1	15 - 25	16	0,04 / 10	C, E	
11	D/G	●	●		3/8 - 2	10 - 50	100	0,03 / 84	M	
62	F	●	●		1	25	55	0,10 / 55	A, C	
66	D/G/F	●	●		1/4 - 2	8 - 50	40	0,05 / 35	M	
67	D/G	●	●		1	25	10	0,05 / 3	C, D, E	
69	F/K/S	●	●		3/4 - 1 1/2	20 - 40	6	0,50 / 5,7	M	
98	D/G	●	●		1	25	10	- 0,05 / 0,65	-	
110	D/G	●	●		3/8 - 2	10 - 50	100	0,03 / 84	M	



### Flange Safety- / Flange Relief-Valves, var. constructions

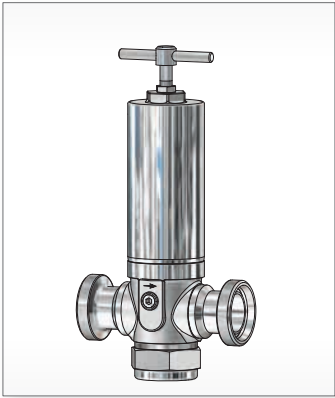
Typ	Fluid	Material			Connections size	PNE [bar(g)]	Set pressure		Valvehead
		-1	-2	-3			DN	min [bar(g)]	
7	D/G	●	●		150 - 350	6 - 16	0,40 / 0,88	A, C	
7	D/G	●	●		50 - 125	6 - 16	0,05 / 3,80	A, C	
12	G	●			80*	16	7,00 / 13,80	-	
13	D/G/F	●	●		15 - 150	16 - 40	0,06 / 30	A, C, F, T	
22	D/G/F	●	●		variable	1100	80 / 1100	A, C, T	
22	F	●	●		25	250	250	A, C, T	
24	F	●	●		15 oval flange	1000	35 / 1000	C	

\* special flange



**Pressure-Reducing-Valve, Industry - design**

Typ	Fluid	Material			Connections size		Inlet pressure to [bar(g)] P <sub>1</sub>	Reduced pressure		K vs value to [m³/h]
		-.1	-.2	-.3	G	DN		min [bar(g)]	P <sub>2</sub> max [bar(g)]	
70	D/G/F	●			1/8 - 2 1/2	6 - 65	100	0,25	/ 73	28,00
71	D/G/F	●			1/2 - 4	10 - 100	100	0,20	/ 73	53,00
74	D/G/F	●			1/4 - 2 1/2	8 - 65	25	0,005	/ 0,45	28,00
75	D/G/F	●			1/2 - 4	10 - 100	25	0,005	/ 0,45	53,00
76	D/G/F	●			1/2	15	600	15	/ 232	0,63



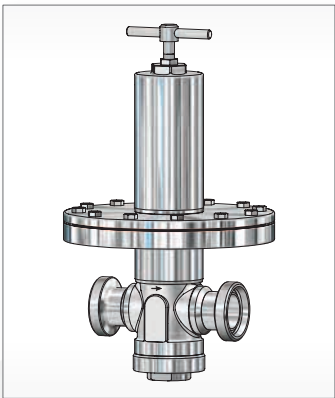
**Stainless Steel Pressure-Reducing-Valve, Food - pharmacy - design**

Typ	Fluid	Material			Connections size		Inlet pressure to [bar(g)] P <sub>1</sub>	Reduced pressure		K vs value to [m³/h]
		-.1	-.2	-.3	G	DN		min [bar(g)]	P <sub>2</sub> max [bar(g)]	
70 SKM	G/F	●			1/8 - 1/4	6 - 8	16	1,00	/ 7,7	0,63
70 SKK	D/G/F	●			1/4 - 1/2	8 - 15	63	0,35	/ 17,0	2,20
70 SKS	D/G/F	●			1/2 - 3	15 - 80	100	0,25	/ 73,0	28,50
70 SKG	D/G/F	●			2 1/2 - 4	65 - 100	40	0,20	/ 12,0	53,00
70 SMK	D/G/F	●			1/4 - 1/2	8 - 15	25	0,005	/ 0,45	2,20
70 SMS	D/G/F	●			1/2 - 3	15 - 80	25	0,005	/ 0,40	28,50
70 SMG	D/G/F	●				65 - 100	25	0,005	/ 0,30	53,00



**Initial-Pressure-Controller, Industry - design**

Typ	Fluid	Material			Connections size		Inlet pressure P <sub>1</sub>		K vs value to [m³/h]
		-.1	-.2	-.3	G	DN	min [bar(g)]	max [bar(g)]	
80	D/G/F	●			1/4 - 2 1/2	8 - 65	0,25	/ 104,0	28,00
81	D/G/F	●			1/2 - 4	10 - 100	0,20	/ 104,0	53,00
84	D/G/F	●			1/4 - 2 1/2	8 - 65	0,005	/ 0,45	28,00
85	D/G/F	●			1/2 - 4	10 - 100	0,005	/ 0,45	53,00



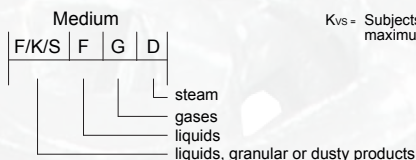
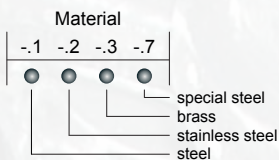
**Stainless Steel Initial-Pressure-Controller, Food - pharmacy - design**

Typ	Fluid	Material			Connections size		Inlet pressure P <sub>1</sub>		K vs value to [m³/h]
		-.1	-.2	-.3	G	DN	min [bar(g)]	max [bar(g)]	
80 SKK	D/G/F	●			1/4 - 1/2	8 - 15	0,35	/ 104,0	2,20
80 SKS	D/G/F	●			1/2 - 3	15 - 80	0,25	/ 59,0	28,50
80 SKG	D/G/F	●			2 1/2 - 4	65 - 100	0,20	/ 13,2	53,00
80 SMK	D/G/F	●			1/4 - 1/2	8 - 15	0,005	/ 0,45	2,20
80 SMS	D/G/F	●			1/2 - 3	15 - 80	0,005	/ 0,45	28,50
80 SMG	D/G/F	●			2 1/2 - 4	65 - 100	0,005	/ 0,38	53,00



**Vacuum Relief Valves / Vacuum- and Pressure Relief Valves**

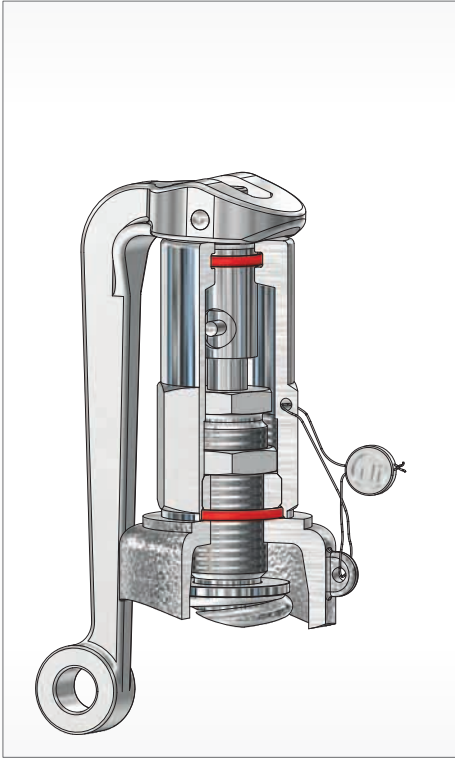
Typ	Fluid	Material			Connections size G	Under pressure	Reduced pressure	Valvehead
		-.1	-.2	-.3		min [bar(g)] P <sub>u</sub> max	min [bar(g)] P <sub>0</sub> max	
9	D/G	●			1 - 2	-0,03		-
90	D/G	●	●		1/2 - 2	- 0,01 / - 0,95	0,05 / 4,0	-
91	D/G	●	●		1/2 - 2	- 0,05 / - 0,95		-



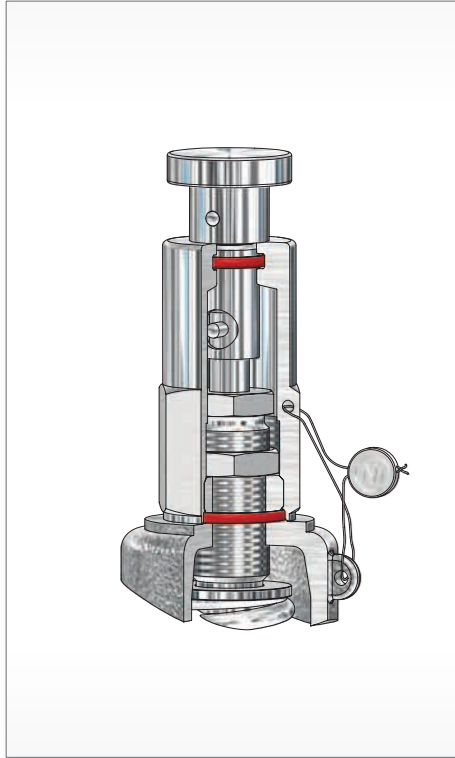
K<sub>vs</sub> - Subjects Kv-value can be determined with a valve, the maximum possible throughput.



# Valvehead



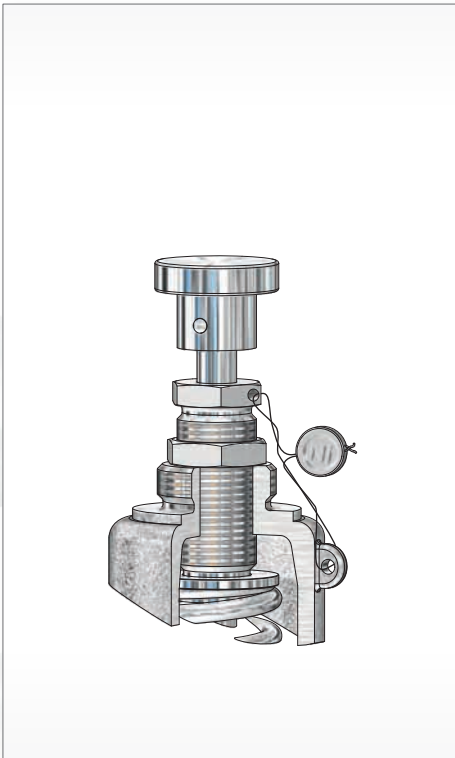
**Head A**  
(gastight with easing lever)



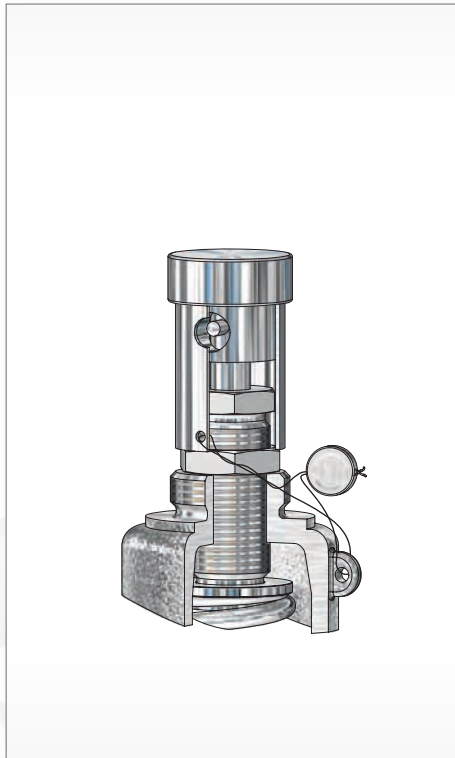
**Head B**  
(gastight with lifting button)



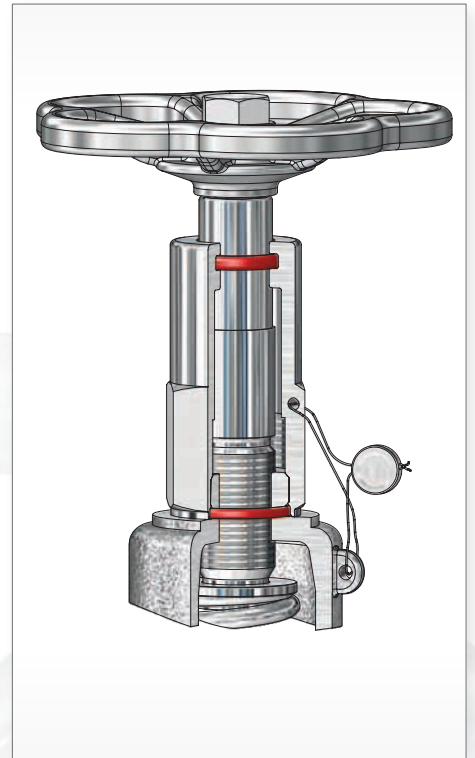
**Head C**  
(gastight with cap)



**Head D**  
(with lifting button)

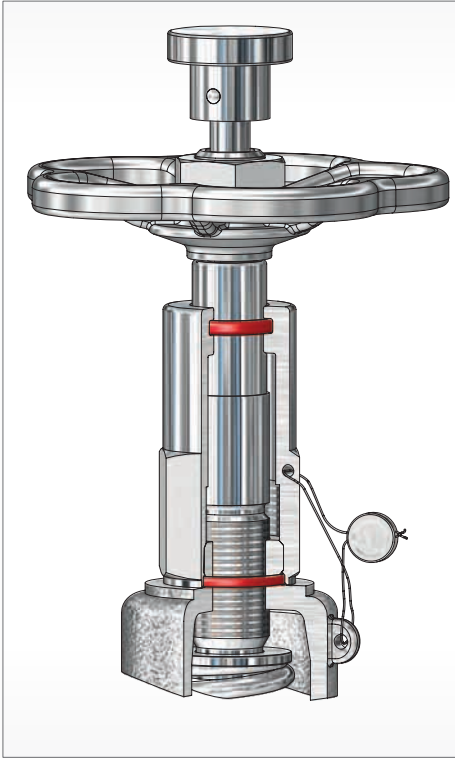


**Head E**  
(with supported lifting button)

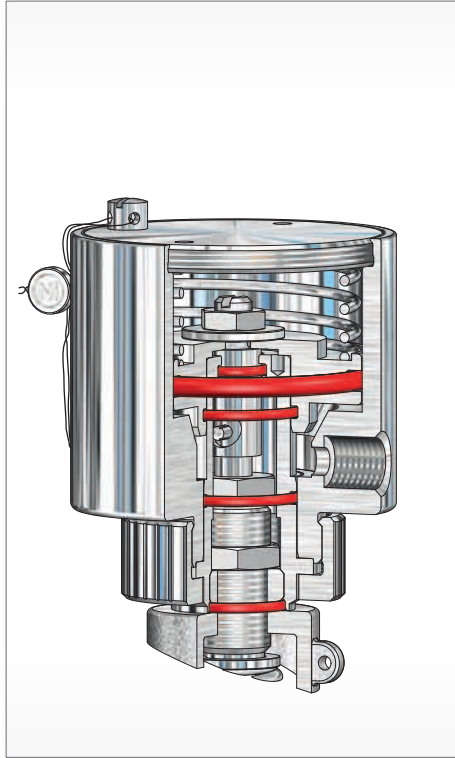


**Head F**  
(gastight with handwheel)

# Valvehead



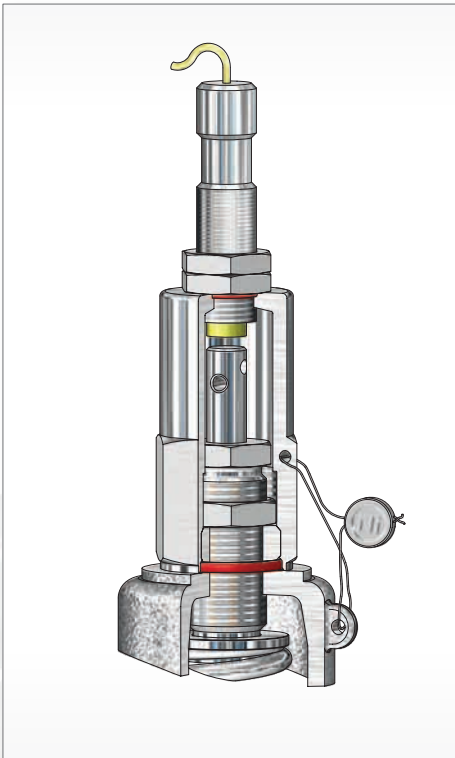
**Head G**  
(gas tight with handwheel  
and lifting button)



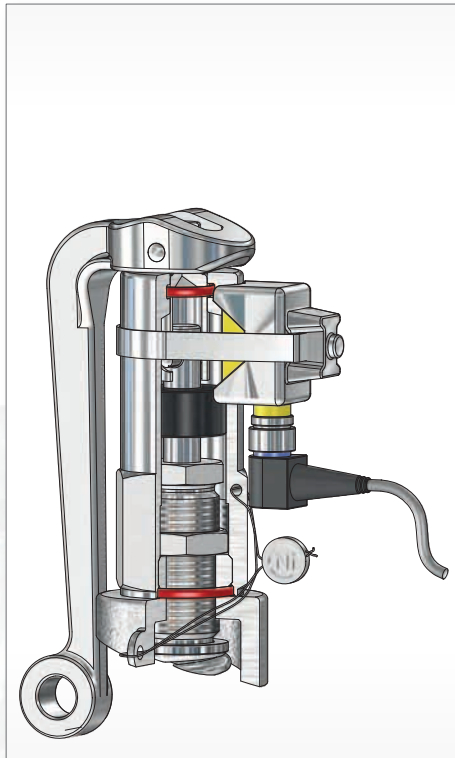
**Head H**  
(pneumatic lifting head)



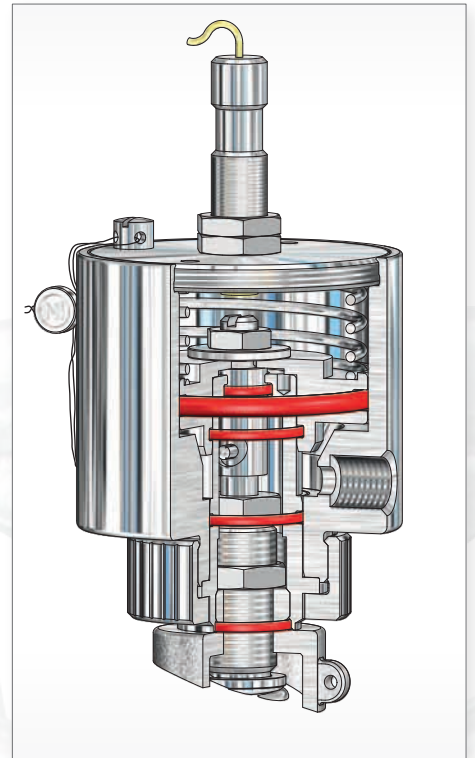
**Head M**  
(manual lifting head)



**Head T**  
(sensor)

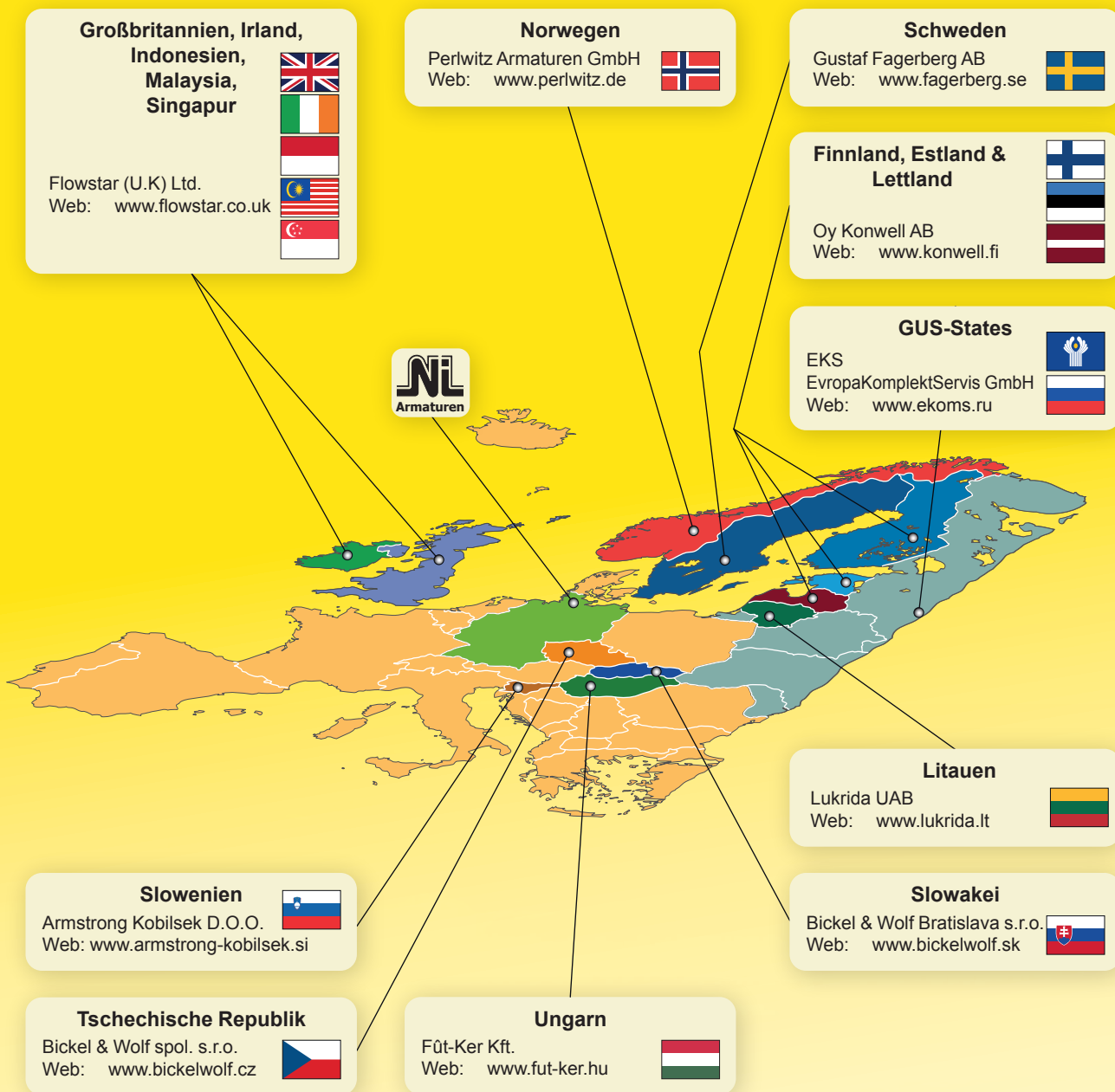


**Head AT**  
(sensor)



**Head HT**  
(sensor)

# Representatives



Geographical coordinates 53° 37' 29,76" N (northern latitude)  
10° 09' 33,67" E (eastern longitude)

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