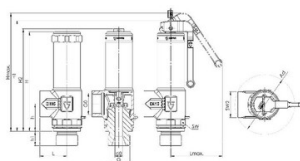


GOETZE Spring-loaded safety valve Type 12240 stainless steel high-lifting internal/external thread



Characteristics

Type: 12240

Model: Spring-loaded

Construction type: Angle Pattern

Housing material inlet side: Stainless steel

Material quality inlet side: 1.4408

Housing material outlet side: Stainless steel

Material quality outlet side: 1.4408

Connection inlet side: External thread [BSPP]

Standard connection inlet side: ISO 228-1

Connection outlet side: Internal thread [BSPP]

Standard connection outlet side: ISO 228-1

Blow-off characteristic: High-lifting

Gastight valve: Yes

Spring cap, closed: Yes

Material spring bonnet: 1.4404

Material disc: 1.4404

Seat material: 1.4404

Spring material: 1.4310

Spindle material: 1.4404

Medium temperature: -200 / 200 °C

Application

- Liquefied gases such as LNG, CO₂, LAR. Securing of piping systems and tanks for transport and storage.

Technical Information

- Oil and grease-free as standard for applications with oxygen. Temperature range from -200°C to 200°C.

Options

- Combination with changeover valve type 12270. Version with NPT threaded connection. Complete version with female thread.

DN Inlet [G"]	DN Outlet [Go"]	do [mm]	Ao [mm ²]	Setpressure [bar]	L [mm]	h mm	h1 mm	H mm	H1 mm	Weight [kg]
1/4	3/8	6	28	0.2 - 70	21	22	12	60	64	0,2
3/8	3/8	6	28	0.2 - 70	21	22	12	60	64	0,2
3/8	1/2	7,5	44	0.2 - 70	26	27	12	70	73	0,4
1/2	1/2	7,5	44	0.2 - 70	26	27	14	70	73	0,4
1/2	3/4	10,5	86	0.2 - 70	31	31	14	98	103	0,7
3/4	3/4	10,5	86	0.2 - 70	31	31	16	98	103	0,7
3/4	1	13	133	0.2 - 70	38	39	16	134	133	1,3
1	1	13	133	0.2 - 70	38	39	18	134	133	1,3

Press. range	Temperature range
0,2 - 70 barg	-200 °C/ +200° C

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve lifter	Sealing	Article
1/4" [8]	3/8" [10]	0.2 / 70	No	PTFE	12987742
3/8" [10]	1/2" [15]	0.2 / 70	No	PTFE	12987744
3/8" [10]	3/8" [10]	0.2 / 70	No	PTFE	12987743
1/2" [15]	1/2" [15]	0.2 / 70	No	PTFE	12987745
1/2" [15]	3/4" [20]	0.2 / 70	No	PTFE	12987746
3/4" [20]	1" [25]	0.2 / 70	No	PTFE	12987748
3/4" [20]	3/4" [20]	0.2 / 70	No	PTFE	12987747
1" [25]	1" [25]	0.2 / 70	No	PTFE	12987749

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