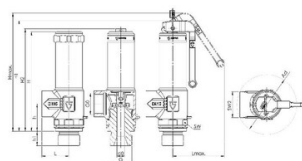


GOETZE Spring-loaded safety valve Type 12242 stainless steel high-lifting internal/external thread



Features

- Oil- and grease-free as standard for applications with oxygen.
- Combination with shuttle valve.



Characteristics

Type: 12242

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: No

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	DN Outlet	do	Ao	Setpressure	L	h	h1	H	H1	Weight
[G"]	[Go"]	[mm]	[mm ²]	[bar]	[mm]	mm	mm	mm	mm	[kg]
1/4	3/8	6	28	0.2 - 70	21	22	12	60	70	0,2
3/8	3/8	6	28	0.2 - 70	21	22	12	60	70	0,2
3/8	1/2	7,5	44	0.2 - 70	26	27	12	70	81	0,4
1/2	1/2	7,5	44	0.2 - 70	26	27	14	70	81	0,4
1/2	3/4	10,5	86	0.2 - 70	31	31	14	98	113	0,7
3/4	3/4	10,5	86	0.2 - 70	31	31	16	98	113	0,7
3/4	1	13	133	0.2 - 70	38	39	16	134	146	1,3
1	1	13	133	0.2 - 70	38	39	18	134	146	1,3

Press. range

0,2 - 70 barg

Temperature range

-200 °C/ +200° C

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Safety Valves | Spring loaded safety valves with threaded connection

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Sealing	Article
1/4" [8]	3/8" [10]	0.2 / 70	PTFE	12987758
3/8" [10]	3/8" [10]	0.2 / 70	PTFE	12987759
3/8" [10]	1/2" [15]	0.2 / 70	PTFE	12987760
1/2" [15]	1/2" [15]	0.2 / 70	PTFE	12987761
1/2" [15]	3/4" [20]	0.2 / 70	PTFE	12987762
3/4" [20]	3/4" [20]	0.2 / 70	PTFE	12987763
3/4" [20]	1" [25]	0.2 / 70	PTFE	12987764
1" [25]	1" [25]	0.2 / 70	PTFE	12987765

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