

Model 1400 LP Low pressure

Safety relief valves

Varnostni ventil

Description		Requirements	
Type	Safety relief valves	Calculation	EN 4126 / API RP 520
Connections	EN 1092	Design	EN 12516 / API STD 526 / ASME Section VIII
Rating	PN 16	Materials	EN / ASTM / ASME
Material	Nodular / A216 WCB / S.S.	Inspection	EN 4126 / API STD 527 / MSS-SP-55
Temperature range	-96°C to +350°C	Tolerances	EN 4126 / ASME UG-126

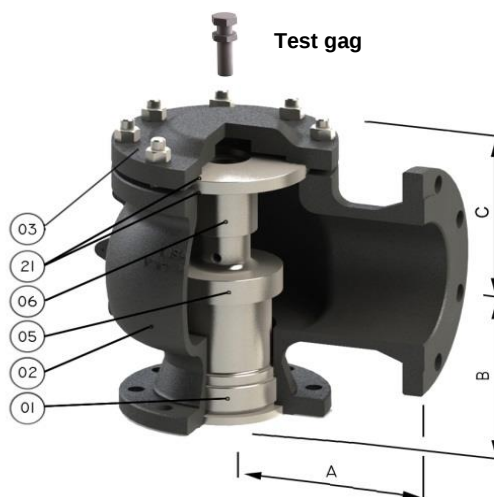
Materials PN 16

		Material	
Pos	Description	Nodular iron	S.S.
1	Nozzle	AISI-304	AISI-304
2	Body	EN-JS1030	1.4409
3	Cover	Carbon steel	AISI-304
5	Disc	AISI-316L	AISI-316L
6	Guide	AISI-304	AISI-304
7	Push Road	AISI-316L	AISI-316L
21	Gasket cover	GRAPHITE+S.S.	GRAPHITE+SS
28	Soft seat	PTFE	PTFE

 Recommended spare parts

Technical information

Applications	Steam, gases and vapours
Set pressure range	5 mbarg to 200 mbarg
Seat	metal-metal, PTFE
Overpressure	10% for steam, gas and vapour
Blowdown	10%
Tolerance Set pressure	± 3%
Discharge coefficients	k= 0,64 for gases



Dimensions PN 16

DN	TOSACA Model	DN Inlet x Outlet	Flanges Rating Inlet /Outlet	Orif. (mm)	Area (mm ²)	A (mm)	B (mm)	C (mm)	W (kg)
25	1400 LP PN 16	25 x 40	16 / 16	23,8	445	100	105	75	9
32	1400 LP PN 16	32 x 50	16 / 16	29,5	683	110	115	105	11
40	1400 LP PN 16	40 x 65	16 / 16	36	1018	115	140	105	11
50	1400 LP PN 16	50 x 80	16 / 16	46	1662	120	150	155	20
65	1400 LP PN 16	65 x100	16 / 16	60	2827	140	170	165	30
80	1400 LP PN 16	80 x 125	16 / 16	72	4072	160	195	175	52
100	1400 LP PN 16	100 x 150	16 / 16	90	6362	180	220	175	75
125	1400 LP PN 16	125 x 200	16 / 16	105	8659	200	250	175	105
150	1400 LP PN 16	150 x 250	16 / 16	125	12272	225	285	200	120
200	1400 LP PN 16	200 x 300	16 / 16	153	18385	300	290	225	152
250	1400 LP PN 16	250 x 350	16 / 16	200	31415	406	305	250	515
300	1400 LP PN 16	300 x 400	16 / 16	228	40828	406	359	375	600
400	1400 LP PN 16	400 x 500	16 / 16	304	72950	533	432	400	900