

## Model 1400 LP

### Description

Type	Safety and Relief valve
Connections/Rating	Flanged EN 1092 PN-16
Material	Nodular Iron, Carbon steel, Stainless steel, LCC and SuperDuplex
Temperature range	-196°C to +400°C

### Technical information

Applications	Steam, gases, vapours and liquids
Min. Set pressure	<b>5 mbarg to 200 mbarg</b>
Overpressure	10%
Blowdown	Gases 10%, liquids 20%
Tolerance Set pressure	± 3%

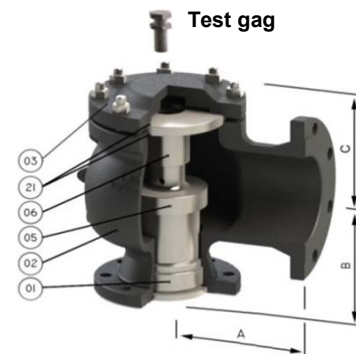
### Requirements

Calculation	EN-4126-1 / 7
Design / Size	EN-12516-1, EN-4126-1 / 7
Materials	EN / ASTM
Inspection	EN-4126-1 / 7, MSS-SP-55
Tolerances	EN-4126-1 and ASME UG-126

### Construction and materials

Item	Description	Material		
		Nodular iron	Stainless steel	Carbon steel
1	Nozzle	AISI-304	AISI-304	AISI-304
2	Body	EN-JS1030	1.4409	C.S. 1.0619
3	Cover	Carbon steel	AISI-304	Carbon steel
5	Disc	AISI-316L	AISI-316L	AISI-316L
6	Guide	AISI-304	AISI-304	AISI-304
21	Gasket cover	GRAPHITE+S.S.	GRAPHITE+SS	GRAPHITE+S.S.

Recommended spare parts



### Dimensions

	Orif. (mm)	Area (mm <sup>2</sup> )	PN 16			Weight (kg) W
			A	B	C	
25 x 40	23,8	445	100	105	75	10
32 x 50	29,5	683	110	115	105	11
40 x 65	36	1018	115	140	105	11
50 x 80	46	1662	120	150	155	20
65 x 100	60	2827	140	170	165	30
80 x 125	72	4072	160	195	175	52
100 x 150	90	6362	180	220	175	75
125 x 200	105	8659	200	250	175	105
150 x 200	125	12.272	241	240	200	120
150 x 250	125	12.272	225	285	200	120
200 x 250	153	18.385	279	276	225	152
200 x 300	153	18.385	300	290	225	152
250 x 350	200	31.415	406	305	250	515
300 x 400	228	40.828	406	359	375	600
400 x 500	304	72.950	533	432	400	900