

## Model 1415 LP

### Description

Type	Safety relief valves	
Connections	ASME/ANSI B16.5	ANSI150
Material	Carbon steel A 216 WCB, A 217 WC6, S.S. A 351 CF3M, LCC, Duplex and SuperDuplex	
Temperature range	-196°C to +540°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%

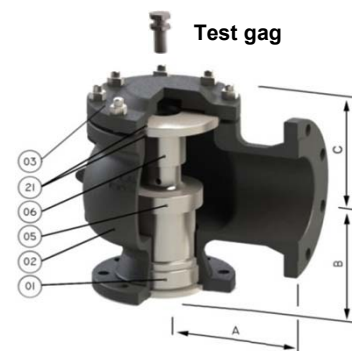
### Requirements

Calculation	API RP 520
Design / Size	API STD 526, ASME Section VIII
Materials	EN / ASTM / ASME
Inspection	EN-4126-1/7 API STD 527 MSS-SP55
Tolerances	EN-4126-1 and ASME UG-126

### Construction and materials

Item	Description	Material		
		Carbon steel	Stainless steel	Duplex
1	Nozzle	AISI-304	AISI-304	EN 1.4462
2	Body	A216 WCB	A351 CF-3M	EN 1.4462
3	Cover	Carbon steel	AISI-304	EN 1.4462
5	Disc	AISI-316L	AISI-316L	EN 1.4462
6	Guide	AISI-304	AISI-304	EN 1.4462
21	Gasket cover	GRAPHITE+S.S.	GRAPHITE+SS	GRAPHITE+S.S.

   Recommended spare parts



### Dimensions

	Orif. (mm)	Area (mm <sup>2</sup> )	ANSI150			Weight (kg) W
			A	B	C	
1" E 2"	13	133	114	105	75	10
1 1/2" F 2"	16	201	121	124	105	12
1 1/2" G 3"	21	346	121	124	110	21
1 1/2" H 3"	26	531	124	130	110	21
2" J 3"	32,5	830	124	137	110	23
3" K 4"	40	1195	162	156	175	48
3" L 4"	49	1.866	165	156	175	48
4" M 6"	55	2376	184	178	180	72
4" N 6"	60	2827	210	197	180	72
4" P 6"	73	4185	229	181	180	72
6" Q 8"	96	7238	241	240	200	102
6" R 8"	115	10387	241	240	200	102
8" T 10"	147	16.972	279	276	225	135
10" V 14"	200	31.415	406	305	250	515
12" W 16"	228	40.828	406	359	375	600