

Model 1415 LP Low pressure

Safety relief valves

Varnostni ventil

Description

Type	Safety relief valves
Connections	ASME B16.5
Rating	ANSI150
Material	A216 WCB / S.S.
Temperature range	-96°C to +427°C

Requirements

Calculation	EN 4126 / API RP 520
Design	EN 12516 / API STD 526 / ASME Section VIII
Materials	EN / ASTM / ASME
Inspection	EN 4126 / API STD 527 / MSS-SP-55
Tolerances	EN 4126 / ASME UG-126

Materials

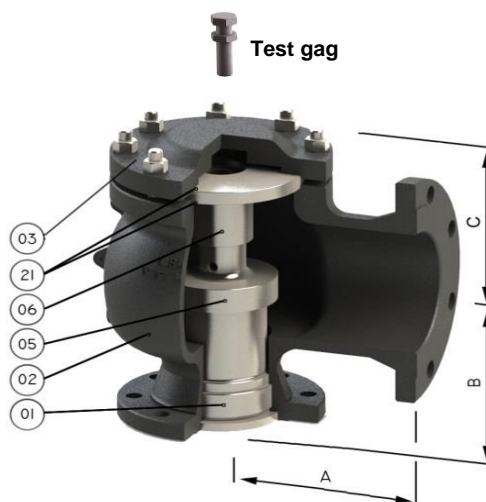
ANSI150

Pos	Description	Material	
			S.S.
1	Nozzle	AISI-316L	AISI-316L
2	Body	A216 WCB	A351 CF-3M
3	Cover	Carbon steel	AISI-304
5	Disc	AISI-316L	AISI-316L
6	Guide	AISI-316L	AISI-316L
7	Push Road	AISI-316L	AISI-316L
21	Gasket cover	GRAPHITE+SS	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= 0,975 for gases



Dimensions ANSI150

E	1415 LP ANSI150	1" E 2"	150 / 150	13	133	114	105	75	10
F	1415 LP ANSI150	1 1/2" F 2"	150 / 150	16	201	121	124	105	12
G	1415 LP ANSI150	1 1/2" G 3"	150 / 150	21	346	121	124	110	21
H	1415 LP ANSI150	1 1/2" H "3	150 / 150	26	531	124	130	110	21
J	1415 LP ANSI150	2" J 3"	150 / 150	32,5	830	124	137	110	23
K	1415 LP ANSI150	3" K 4"	150 / 150	40	1195	162	156	175	48
L	1415 LP ANSI150	3" L 4"	150 / 150	49	1.866	165	156	175	48
M	1415 LP ANSI150	4" M 6"	150 / 150	55	2376	184	178	180	72
N	1415 LP ANSI150	4" N 6"	150 / 150	60	2827	210	197	180	72
P	1415 LP ANSI150	4" P 6"	150 / 150	73	4185	229	181	180	72
Q	1415 LP ANSI150	6" Q 8"	150 / 150	96	7238	241	240	200	102
R	1415 LP ANSI150	6" R 8"	150 / 150	115	10387	241	240	200	102
T	1415 LP ANSI150	8" T 10"	150 / 150	147	16.972	279	276	225	135
V	1415 LP ANSI150	10" V 14"	150 / 150	200	31.415	406	305	250	515
W	1415 LP ANSI150	12" W 16"	150 / 150	228	40.828	406	359	375	600
X	1415 LP ANSI150	16" X 20"	150 / 150	304	72.950	533	432	400	900