

Model 1216B - Safety and Relief valve

DESCRIPTION

Type	Safety and Relief valve
Connections	RF-Threaded or RF-RF
Rating	PN 16, PN 40, 150#, 300#
Material	Stainless Steel 316L
Temperature range	-28 to +350°C

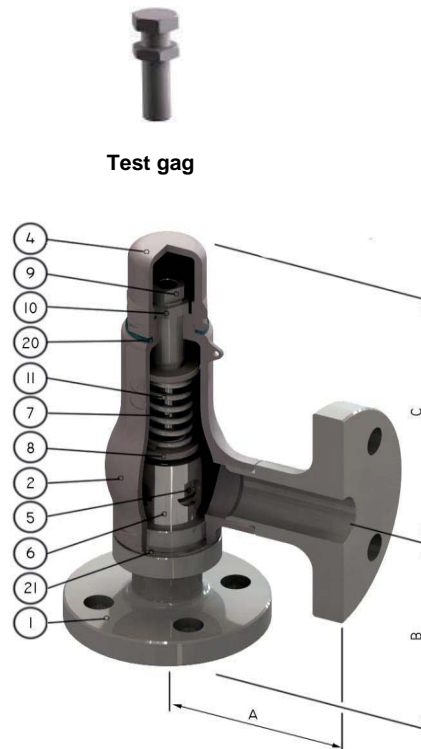
REQUIREMENTS

Calculation	EN-4126-1/7
Design	EN-12516-1, EN-4126-1/7 DIN 259 and ANSI B16.5
Materials	EN
Inspection	EN-4126-1/7

CONSTRUCTION AND MATERIALS

Item	Description	Material
1	Nozzle	A351 CF-3M
2	Body	A351 CF-3M
4	Cap	A351 CF-8
5 R	Disc	AISI-316L
6	Guide	A351 CF-3M
7	Spindle/Stem	AISI-316L
8	Spring Button	AISI-303
9	Adjusting Screw	AISI-303
10	Lock Nut	AISI-303
11 R	Spring	AISI-302
12	Lever	A351 CF-8
17	Release nut	AISI-316
18 R	Lever axis	AISI-303
19	Packing lever axis	AISI-303
20 R	Gasket	PTFE/Graphite
21 R	Gasket	PTFE/Graphite
22 R	Gasket	Viton/Graphite
28 R	Soft seat	Viton/PTFE

R Recommended Spare Parts



Sealed packing lever



Lifting device



Disc O-ring

TECHNICAL INFORMATION

		Inlet	Outlet	Orifice	Area	A	A	B	C	Weight
		150#	150#	BSP		ANSI	THR			
		300#	RF	NPT	[mm]	[mm ²]	[mm]	[mm]	[mm]	[Kg]
Applications	Steam, Gases, Vap / Liq	1/2"	3/4"	1"	13	133	45	90	155	3
Min. Set pressure	0,2 Barg	1/2"	1"	1"	13	133	70	45	90	155
Set pressure tolerance	± 3%	1/2"	1"	1"	13	133	70	45	90	155
Overpressure	10%	3/4"	1"	1"	14	154	70	45	90	155
Blowdown	Gases 10%	1"	1"	1"	16	201	70	45	90	155
	Liquids 20%									
Discharge coefficients	Gases K=0,55	PN16	PN16	BSP						
	Liquids K=0,48	PN40		NPT						
		15		3/4"	13	133		45	90	155
		15	25	1"	13	133	70	45	90	155
		20	25	1"	14	154	70	45	90	155
		25	25	1"	16	201	70	45	90	155



Disclaimer

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