

Model 1216C - Safety and Relief valve

DESCRIPTION

Type	Safety and Relief valve
Connections	Clamp / BSP
Rating	PN 10
Material	Stainless Steel 316L
Temperature range	-10 to +350°C

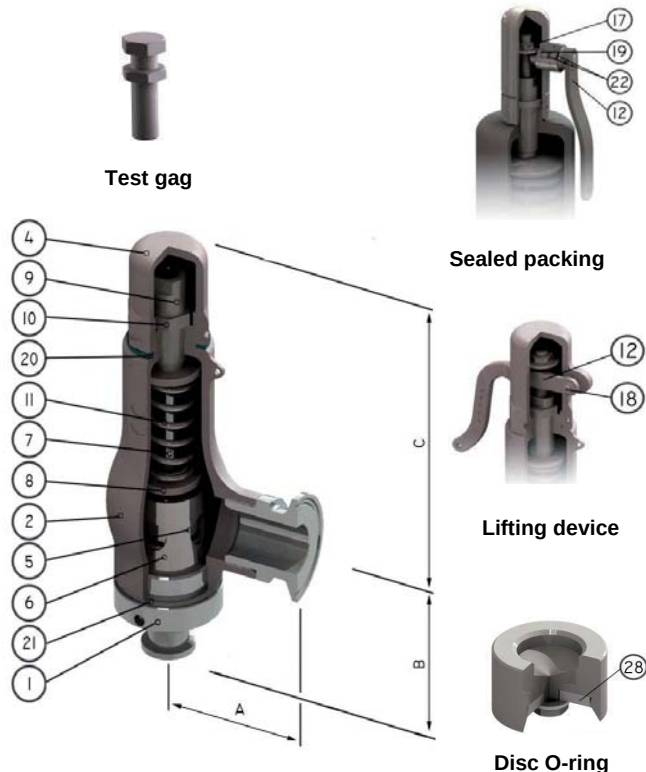
REQUIREMENTS

Calculation	EN-4126-1/7 / ISO-2852
Design	EN-12516-1, EN-4126-1/7 DIN 259 and ANSI B 2.1
Materials	EN
Inspection	EN-4126-1/7

CONSTRUCTION AND MATERIALS

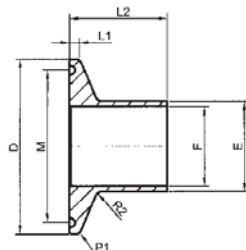
Item	Description	Material
1	Nozzle	AISI-316L
2	Body	A351 CF-3M
4	Cap	A351 CF-8
5 R	Disc	AISI-316L
6	Guide	AISI-316L
7	Spindle/Stem	AISI-316L
8	Spring Button	AISI-303
9	Adjusting Screw	AISI-303
10	Lock Nut	AISI-303
11 R	Spring	AISI-302
12	Lever	A351 CF-8
17	Release nut	AISI-316
18 R	Lever axis	AISI-303
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



TECHNICAL INFORMATION

Applications	Steam, Gases, Vapors & Liquids
Min. Set pressure	0,2 Barg
Set pressure tolerance	± 3%
Overpressure	10%
Blowdown	Gases 10%, Liquids 20%
Discharge coefficients	Gases K=0,55 Liquids K=0,48



DIMENSIONS

Inlet	Outlet	Orifice Ø (mm)	Area (mm ²)	A (mm)	B (mm)	C (mm)	Weight (Kg)
15	25	9.5	71	73	65	155	2,4
20	25	15	176,6	73	65	155	2,4
25	25	18	254	73	67	155	2,8
40	40	32	804	90	98	234	8,2
15	1"	9.5	71	45	65	155	2
15	1"	15	176,4	45	65	155	2
18	1"	18	254	45	67	155	2,2
32	2"	32	804	62	98	234	8,2

CLAMP ISO 2852

	D	M	E	L1	L2
15	25	19	12,7	2,85	12,7
20	25	19	19	2,85	12,7
1" (25)	50,5	43,5	25,6	2,85	21,5
2" (50)	50,5	43,5	38,6	2,85	21,5



Disclaimer

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