Model 1216F C
CLAMP

TOSACA

Description

Type	Safety and Relief valve
Conections	Clamp / BSP
Rating	PN-10
Material	Stainless steel 316 L SS
Temperature range	-10 to +350ºC

Requirements

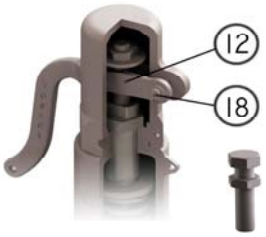
Calculation	EN-4126-1 / 7 ISO-2852
Design	EN-12516-1, EN-4126-1 / 7
	DIN 259 & ANSI B2.1
Materials	EN
Inspection	EN-4126-1 / 7

Construction and materials

Item	Description	Material
1	Nozzle	A351 CF-3M
2	Body	A351 CF-3M
3	Bonnet	-
4	Open Cap	A351 CF-8
4	Closed Cap	A351 CF-8
5 ○	Disc	AISI-316L
6	Guide	AISI-316L
7	Push Road	AISI-316L
8	Spring Button	AISI-303
9	Ajusting Screw	AISI-303
10	Tensor Nut	AISI-303
11 ○	Spring	AISI-302
12	Lever	A351 CF-8
17	Release nut	AISI-316L
18	Lever axis	AISI-303
19	Packing lever axis	AISI-303
20 ○	Gasket	PTFE
21 ○	Gasket	PTFE
22	Gasket	Viton
27		
28 ○	O' ring disc	Viton / PTFE

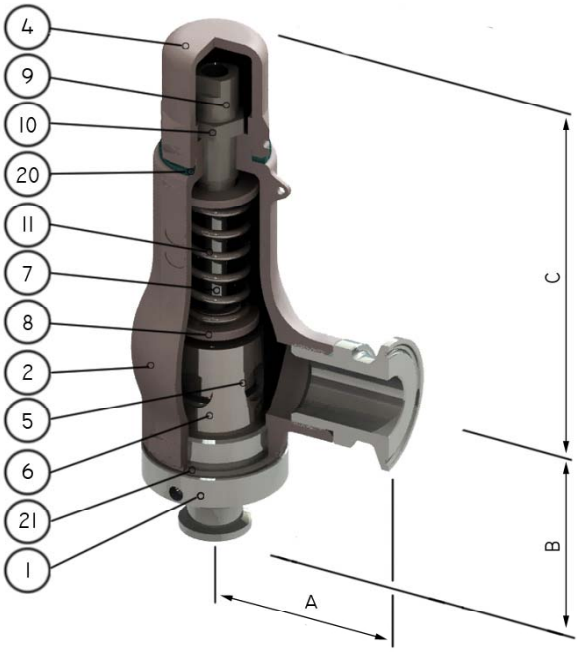
○ Recommended spare parts

Palanca manual
Lifting device

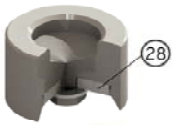


T. Prueba
Test gag

Palanca estanca
Sealed packing lever

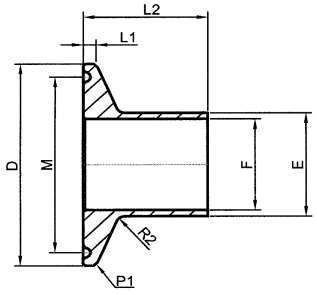


Obturador o-ring
Disc o-ring



Technical information

Applications	Steam, gases, vapours and liquids
Min. Set pressure	0,2 barg
Overpressure	10%
Blowdown	Gases 10%, liquids 20%
Tolerance Set pressure	± 3%
Discharge coefficients	k= 0,55 for gases k= 0,48 for liquids



Dimensions

Inlet	Outlet	Orifice	Area (mm^2)	A (mm)	B (mm)	C (mm)	Weight (kg)
15	**25**	9,5	71	66	68	136	2,4
20	**25**	15	176,6	66	68	136	2,4
25	**25**	20	314	66	70	138	2,8
40	**40**	32	804	105	95	305	8,2
15	**1"**	10	71	45	68	136	2
20	**1"**	15	176,6	45	68	136	2
25	**1"**	20	314	45	70	138	2,2
40	**2"**	32	804	65	95	305	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
25	50,5	43,5	25,6	2,85	12,7
40	50,5	43,5	38,6	2,85	21,5

E C A Empresa Registrada 185/ER/10/01 ISO 9001:2000
E C A Empresa Registrada 152/ER/AP/12/02 97/23/CE

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