TECHNICAL DATA SHEET

Model 1216 FB

Flanges x threaded

Description

Type	Safety and Relief valve
Conections	ANSI: 150# RF or 300# RF
	Threaded BSP / NPT
Rating	PN-40
Material	Stainless steel 316 L SS
Temperature range	-28 to +350ºC

Requirements

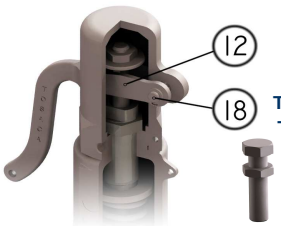
Calculation	EN-4126-1 / 7
Design	EN-12516-1, EN-4126-1 / 7
	DIN 259, ANSI B2.1 and ANSI B16.5
Materials	EN
Inspection	EN-4126-1 / 7

Construction and materials

Item	Description	Material
1	Nozzle	316 L
2	Body	SA 351 CF-3M
4	Cap	SA 351 CF-8
5 ○	Disc	316 L SS
6	Guide	316 L SS
7	Push Road	316 L SS
8	Spring Button	303 SS
9	Ajusting Screw	303 SS
10	Look nut	303 SS
11○	Spring	302 SS
12	Lever	SA 351 CF-8
17	Release nut	316 L SS
18	Lever axis	303 SS
19	Packing lever axis	303 SS
20○	Gasket	PTFE
21○	Gasket	PTFE
22	Gasket	Viton
28○	O' ring disc	Viton / PTFE

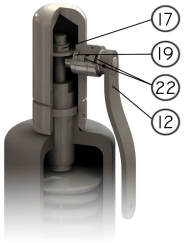
○ Recommended spare parts

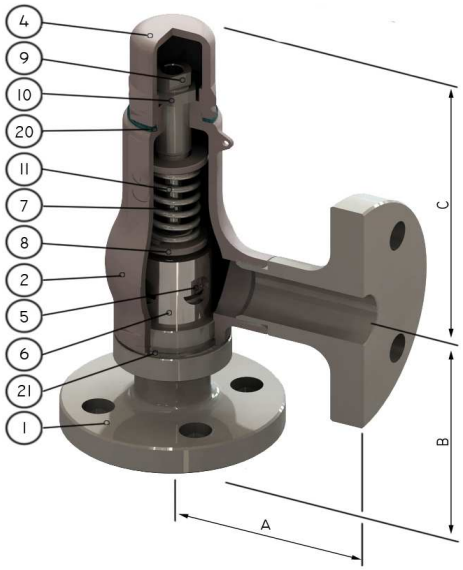
Palanca manual
Lifting device



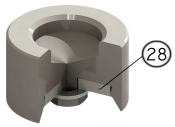
T. Prueba
Test gag

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

94/9/EC ATEX

Dimensions

	Inlet	Outlet		Orif.	Area	Outlet BSP A	Outlet flanges A	B	C	Weight
	150# RF 300# RF	150# RF	BSP NPT	(mm)	(mm^2)	(mm)	(mm)	(mm)	(mm)	(kg)
ANSI	1/2"	1/2"	3/4"	13	133	45	90	80	136	3
	1/2"	1"	1"	13	133	45	90	80	136	3
	3/4"	3/4"	1"	14	154	45	90	80	136	3,2
	3/4"	1"	1"	14	154	45	90	80	136	3,2
	1"	1"	1"	16	201	45	90	80	136	3,5
	PN-16 PN-40	PN16	BSP NPT							
EN	15	15	3/4"	13	133	45	90	80	136	3
	15	25	1"	13	133	45	90	80	136	3
	20	20	1"	14	154	45	90	80	136	3,2
	20	25	1"	14	154	45	90	80	136	3,2
	25	25	1"	16	201	45	90	80	136	3,5