Model 800

TECHNICAL DATA SHEET

TOSACA

Description

Type	Safety and Relief valve
Connections	Threaded BSP / NPT
Rating	PN-25
Material	Bronze RG 5
	EN 1982 CC491K
Temperature range	-10 to +260ºC

Requirements

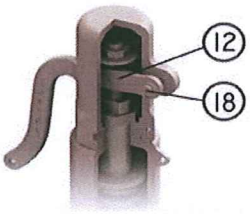
Calculation	EN-4126-1 / 7
Design	EN-12516-1, EN-4126-1 / 7
	DIN 259 & ANSI B2.1
Materials	EN 1503-1-2-3-4
Inspection	EN-4126-1 / 7

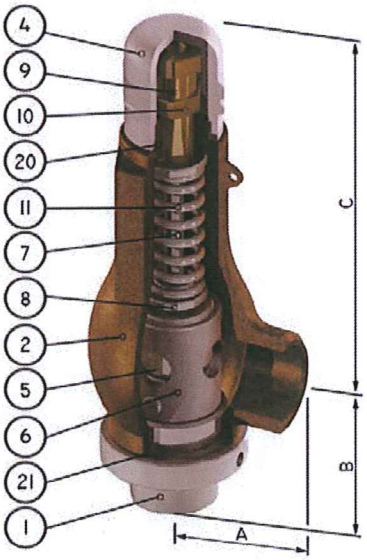
Construction and materials

Item	Description	Material
1	Nozzle	SA 351 CF 3M
2	Body	Bronze RG 5
4	Cap	SA 351 CF 8
5 O	Disc	S.S.AISI-316L
6	Guide	SA 351 CF 3M
7	Push Road	Brass
8	Spring Button	Carbon steel
9	Ajusting Screw	Brass
10	Lock nut	Brass
11O	Spring	Carbon steel
12	Lever	SA 351 CF 8
18	Lever axis	S.S. AISI-303
20O	Gasket	PTFE
21O	Gasket	PTFE
28O	Soft seat	Viton / PTFE

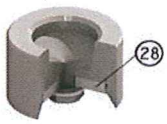
O Recommended spare parts

Palanca manual
Lifting device





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)
1/2"	3/4"	11,5	104	38	50	148	1,3
1/2"	1"	13	133	45	57	156	1,7
3/4"	1"	14	154	45	57	156	1,8
1"	1"	16	201	45	60	156	1,8

ISO 9001
PED 97/23/EC
BUREAU VERITAS

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