Model 800

Threaded BSP/NPT

Description

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

Requirements

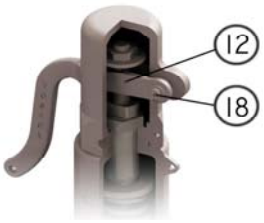
Calculation	EN-4126-1 / 7
Design	EN-12516-1, EN-4126-1 / 7
	DIN 259 & ANSI B2.1
Materials	EN 1503-1-2-3-4
Inspection	EN-4126-1 / 7

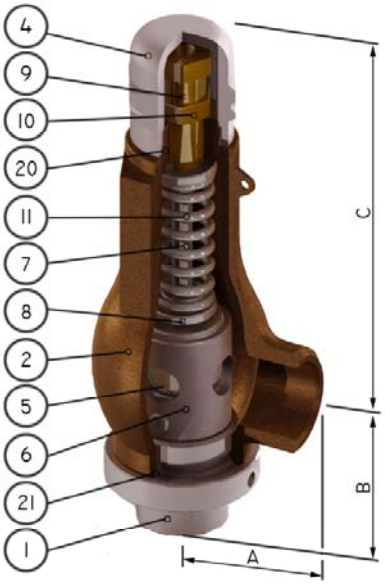
Construction and materials

Item	Description	Material	EN
1	Nozzle	S.S.AISI-316L	1.4404
2	Body	Bronze RG 5	EN 1982
4	Cap	SA 351 CF 8	1.4408
5 ○	Disc	S.S.AISI-316L	1.4404
6	Guide	S.S. AISI-303	1.4305
7	Push Road	Brass	EN 17660
8	Spring Button	Carbon steel	EN 36011
9	Ajusting Screw	Brass	EN 17660
10	Lock nut	Brass	EN 17660
11 ○	Spring	Carbon steel	EN 17221
12	Lever	SA 351 CF 8	1.4408
18	Lever axis	S.S. AISI-303	1.4305
20 ○	Gasket	PTFE	PTFE
21 ○	Gasket	PTFE	PTFE
28 ○	O' ring disc	Viton / PTFE	Viton / PTFE

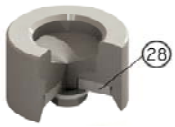
○ Recommended spare parts

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	104	38	50	143	1,3
1/2"	1"	13	133	45	57	154	1,7
3/4"	1"	14	154	45	57	154	1,8
1"	1"	16	201	45	60	154	1,8
1 1/2"	2"	28	616	62	89	234	3,8
2"	2"	32	804	62	93	234	3,9

E C A Empresa Registrada 1854/ER/10/01 ISO 9001:2000
E C A Empresa Registrada 152/ER/AP/12/02 97/23/CE
CE 0830