TOSACA
Safety relief valves

AGUAPUR VAPOR

Válvula de Seguridad – Alivio Duplex 1216 DX DUPLEX

Description

Type	Safety and Relief valve	
Connections / Rating	Threaded BSP / NPT PN-40	
Material	DUPLEX 1.4462, AISI 31803	Temperature range -40 to +315ºC

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%

Requirements

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

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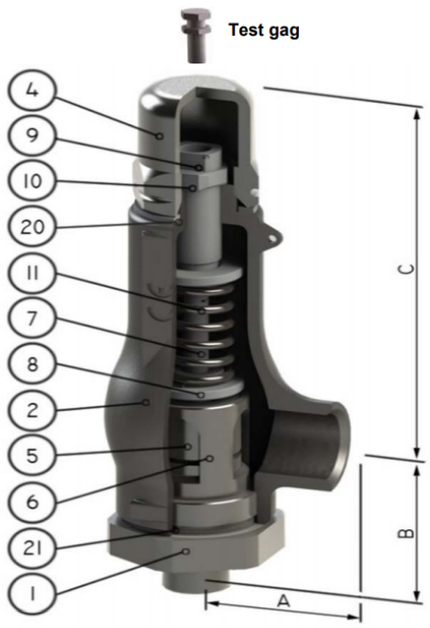
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Construction and materials

Item	Description	Material Standard
1	Nozzle	DUPLEX 1.4462
2	Body	DUPLEX 1.4462
4	Cap	DUPLEX 1.4462
5	Disc	DUPLEX 1.4462
6	Guide	DUPLEX 1.4462
7	Push Road	DUPLEX 1.4462
8	Spring Button	DUPLEX 1.4462
9	Ajusting Screw	DUPLEX 1.4462
10	Tensor Nut	DUPLEX 1.4462
11	Spring	INCONEL X 750
12	Lever	DUPLEX 1.4462
17	Release nut	DUPLEX 1.4462
18	Lever axis	DUPLEX 1.4462
19	Packing lever axis	DUPLEX 1.4462
20	O'ring	PTFE
21	Gasket	PTFE
22	O'ring	Viton

☐ *Recommended spare parts*



Options

Sealed packing lever



Dimensions

	Orifice	Area (mm^2)	A (mm)	B (mm)	C (mm)	Weight (kg)
1/2" x 3/4"	13	133	45	57	155	2,2
1/2" x 1"	13	133	45	57	155	2,2
3/4" x 1"	14	154	45	57	155	2,2
1" x 1"	16	201	45	60	155	2,2
1" x 1 1/4"	16	201	45	61	155	2,3
1 1/4" x 1 1/4"	18	254	45	62	155	2,4
1 1/2" x 2"	28	616	62	89	234	4,6
2" x 2"	32	804	62	93	234	5,1