



TOSACA

MODEL 1216 B SAFETY RELIEF VALVE

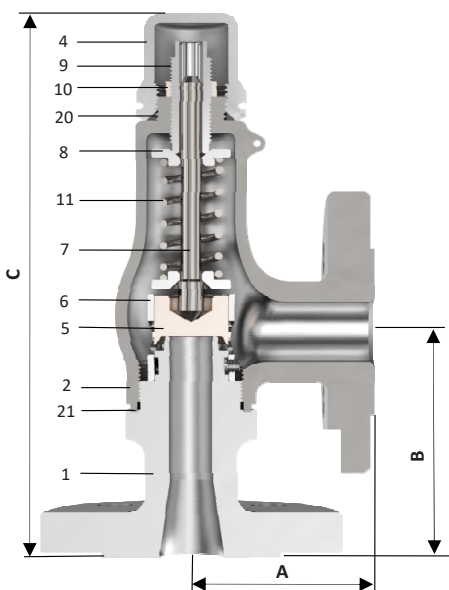
Description

- Safety and relief valve, angle type, conventional
- Direct spring loaded
- Full lift safety valve
- Stainless steel, DUPLEX (on request)
- Steam, gases, cryogenic fluids, vapours and liquids
- Cleaned and degreased for oxygen service
- Flanges EN or ANSI
- PN16, PN 40, ANSI150 and ANSI300
- Seat metal- metal, Viton and PTFE
- Set pressure range 0,5 to 34,5 barg
- Tolerance Set pressure $\pm 3\%$
- Overpressure 10%
- European Pressure Equipment Directive PED 2014/68/EU
- CE 0056 Module B
- CE Production Quality Assurance (Module D) ES037955- 1035
- Material test certificate EN 10204 3.1

Materials

	Description	Material
1	Nozzle	A 351 CF-3M
2	Body	A 351 CF-3M
4	Cap	A 351 CF-8
5*	Disc	AISI 316 L
6	Guide	A 351 CF-3M
7	Push Rod	AISI 316 L
8	Spring Button	AISI 303
9	Adjusting Screw	AISI 303
10	Lock nut	AISI 303
11*	Spring	AISI 302
12	Lever	A 351 CF-8
17	Release nut	AISI-304
18 *	Lever axis	AISI 303
19	Packing lever axis	AISI 303
20*	Gasket cap	PTFE
21*	Gasket	PTFE
22 *	Gasket pacl. lever	Viton
28*	Soft seat	Viton / PTFE

* Recommended spare parts



Size (Inlet/Outlet)	Flange	£	€
Flanged Inlet - Threaded outlet			
1/2" x 1"	ANSI 150	£508.80	€550.90
3/4" x 1"	ANSI 150	£518.60	€561.50
1" x 1"	ANSI 150	£533.30	€577.40
1/2" x 1"	ANSI 300	£513.70	€556.20
3/4" x 1"	ANSI 300	£525.90	€569.50
1" x 1"	ANSI 300	£538.10	€582.70
15 x 1"	PN16	£494.10	€535.10
20 x 1"	PN16	£503.90	€545.60
25 x 1"	PN16	£513.70	€556.30
15 x 1"	PN40	£501.50	€543.00
20 x 1"	PN40	£513.70	€556.30
25 x 1"	PN40	£518.60	€561.50
Both connections flanged			
1/2" x 1"	ANSI 150	£790.10	€855.50
3/4" x 1"	ANSI 150	£799.90	€866.10
1" x 1"	ANSI 150	£841.50	€911.20
1/2" x 1"	ANSI 300	£829.20	€897.90
3/4" x 1"	ANSI 300	£880.60	€953.50
1" x 1"	ANSI 300	£936.90	€1,014.50
15 x 1"	PN16	£743.60	€805.20
20 x 1"	PN16	£743.60	€805.20
25 x 1"	PN16	£770.60	€834.40
15 x 1"	PN40	£821.90	€890.00
20 x 1"	PN40	£853.70	€924.40
25 x 1"	PN40	£880.60	€953.50

Dimensions (mm)

ANSI			EN			Outlet flanged		Outlet threaded		B	C	Weight (kg)
Inlet	Outlet		Inlet	Outlet		Orifice	Area	A	A			
150# RF 300# RF	150# RF	BSP NPT	PN 16 PN40	PN16	BSP NPT							
1/2"		3/4"	15		3/4"	13	133		45	90	155	3
1/2"	1"	1"	15	25	1"	13	133	70	45	90	155	3
3/4"	1"	1"	20	25	1"	14	154	70	45	90	155	3,2
3/4"	1"	1"	20	25	1"	14	154	70	45	90	155	3,2
1"	1"	1"	25	25	1"	16	201	70	45	90	155	3,5