

MODEL 1216 HP HIGH PRESSURE SAFETY RELIEF VALVE

up to 400 BAR

Description

- Safety and relief valve, angle type, conventional
- Direct spring loaded
- Full lift safety valve
- Stainless steel, DUPLEX (on request)
- Steam, gases, hydrogen, ammonia, cryogenic fluids, vapours, liquids and HTF Solar applications, bellows is possible.
- Cleaned and degreased for oxygen service
- Threaded BSP / NPT, Butt & Socket Weld (on request)
- PN 400
- Seat metal - metal
- Set pressure range 30 to 344 barg (to 20°C), depending on version
- 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



TOSACA

SAFETY RELIEF VALVES

Dimensions (mm)

Inlet	Outlet	Orifice	Area (mm ²)	A	B	C	Weight (kg)	Price £	Price €
1/2"	3/4"	6	28	46	75	240	3.1	£892.80	€966.80
1/2"	1"	6	28	46	75	240	3.1	£954.00	€1,033.00
3/4"	3/4"	6	28	46	75	240	3.1	£892.80	€966.80
3/4"	1"	6	28	46	75	240	3.1	£954.00	€1,033.00
1"	1"	6	28	46	75	240	3.1	£954.00	€1,033.00

Materials

Item	Description	Material	
		Standard	EN
1	Nozzle	AISI-316L	1.4404
2	Body	AISI-316L	1.4404
4	Cap	A 351 CF 8	1.4308
5	Disc	17-4 PH	1.4542
6	Guide	AISI-316L	1.4404
7	Push Rod	AISI-316L	1.4404
8	Spring Button	AISI-303	1.4305
9	Adjusting Screw	AISI-303	1.4305
10	Tension Nut	AISI-303	1.4305
11 *	Spring	INCONEL X750	2.4669
20 *	Gasket	PTFE	PCTFE
21 *	Gasket	GRAPHITE + S.S.	GR + S.S.
27	Bellows	AISI-316 Ti	1.4571

* Recommended spare parts

