

Model 1216 HPHydrogen

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, MADE IN SPAIN



MATERIALS

Item	Components	Material	EN
1	Nozzle	AISI-316L	1.4404
2	Body	AISI-316L	1.4404
4	Cap	A351 CF-8	1.4308
5	Disc	17-4PH	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	Tensor Nut	AISI-303	1.4305
11	Spring	INCONEL X 750	2.4669
27	Bellows	AISI-316 Ti	1.4571
20	Gasket cap	PTFE	PTFE
21	Gasket nozzle	GRAPHITE + S.S.	GR + S.S.

DIMENSIONS

	Orifice (mm)	Area (mm ²)	A (mm)	B (mm)	C (mm)	Weight (kg)
1/2" x 3/4"	6	28	46	75	240	3,1
1/2" x 1"	6	28	46	75	240	3,1
3/4" x 3/4"	6	28	46	75	240	3,1
3/4" x 1"	6	28	46	75	240	3,1
1" x 1"	6	28	46	75	240	3,1

