

# 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 400 barg, 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 <sup>2</sup> )	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

