

Class : 800LB
Design acc. : API 602
Socket-welding :ANSI B16.11
Screwed end : ANSI B1.20.1(NPT)
Test and inspection : API 598.
Body : A105 / F316

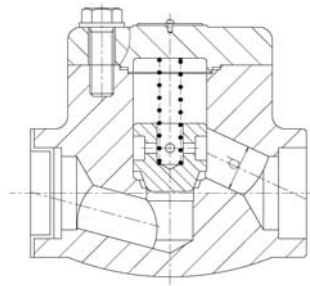


FIG : 430

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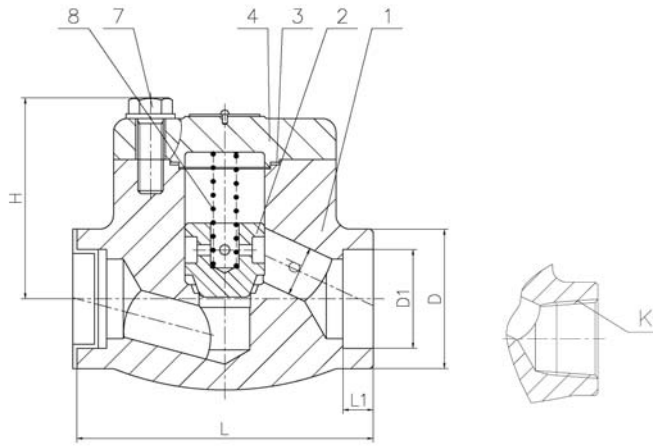


FIG.	Class	Material	Range
145.430	800	A105	1/4" - 2"
235.430	800	F316	1/4" - 2"

Design acc. : API 602
Socket-welding :ANSI B16.11
Screwed end : ANSI B1.20.1(NPT)
Test and inspection : API 598.

Material list

NO.	Part	Material	
		FIG. 145.430	FIG. 235.430
1	Body	A105+STL	F316
2	Disc	A276-420	F316+STL
3	Gasket	304+Graphite	316+Graphite
4	Bonnet	A105	F316
7	Bolt	A193-B7	A193-B8M
8	Spring	SS304	SS316

Dimension List

Class	Size	L	d	H	D	Socket-welding		Screwed end	Weight(Kg)
						L1	D1	K	
800LB	1/4"	79	Φ10	54.5	Φ34	9.6	Φ14.1	NPT 1/4	1.3
	3/8"	79	Φ10	54.5	Φ34	9.6	Φ17.6	NPT 3/8	1.3
	1/2"	79	Φ10	54.5	Φ34	9.6	Φ21.7	NPT 1/2	1.4
	3/4"	92	Φ13	54.5	Φ40	12.7	Φ27.1	NPT 3/4	1.9
	1"	111	Φ17.5	72	Φ49	12.7	Φ33.8	NPT 1	2.6
	1 1/4"	120	Φ23	81	Φ58	12.7	Φ42.6	NPT 1 1/4	4.2
	1 1/2"	152	Φ28.5	94	Φ64	12.7	Φ48.6	NPT 1 1/2	5.3
	2"	172	Φ35	112	Φ78	15.9	Φ61.1	NPT 2	9.0