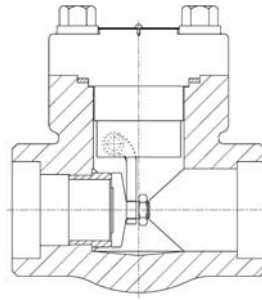
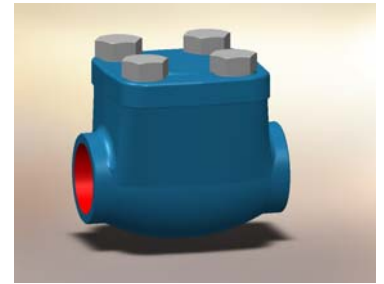


**Class : 800LB**  
**Design acc. : API 602**  
**Socket-welding :ANSI B16.11**  
**Screwed end : ANSI B1.20.1(NPT)**  
**Test and inspection : API 598.**  
**Body : A105**



**FIG : 436**

**Page 1**



**FIG : 436**

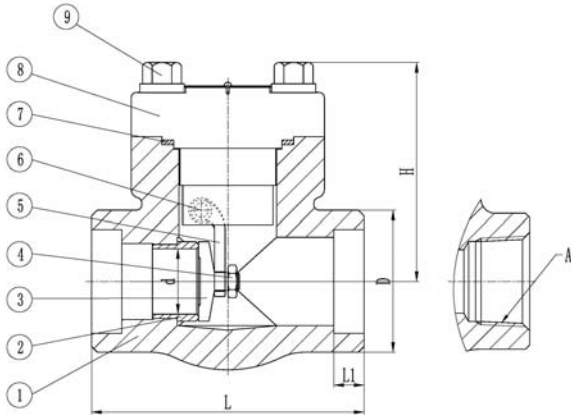


FIG.	Class	Material	Range
145.436	800LB	A105	3/8" - 2"

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. 145.436	
1	Body	A105	
2	Seat	A276-420	
3	Disc	A276-420	
4	Nut	A194-2H	
5	Hinge	CF8	
6	Pin	A276-304	
7	Gasket	304+graphite	
8	Bonnet	A105	
9	Bolt	A193-B7	

**Dimension List**

Class	Size	L	H	d	D	D1	L1	A ( NPT60° )
800LB	3/8"	79	54.5	10	34	17.6	10	3/8"
	1/2"	79	54.5	13	34	21.8	10	1/2"
	3/4"	92	54.5	13	40	27.2	13	3/4"
	1"	111	72	18	49	33.9	13	1"
	1 1/4"	120	84	24	58	42.7	13	1 1/4"
	1 1/2"	120	94	29	64	48.8	13	1 1/2"
	2"	140	112	36.8	78	61.2	16	2"