

Fig No.:WARREN-803HF-S

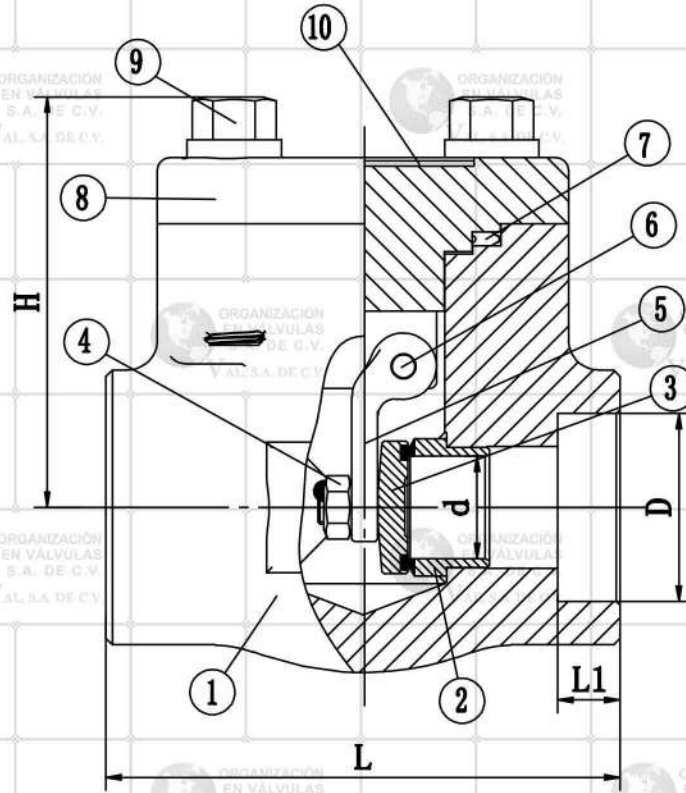
**BODY MARK**  
 Front:1/2"-2"-800LB  
 F316L  
 Back:WARREN

**TEST PRESSURE:**  
 Test Inspection Per API 598  
 Shell(by Water):2400 Psig  
 High-Pressure Closure(by Water):1775 Psig

**APPLICABLE STANDARDS**  
 BASIC DESIGN: API 602&ASME B16.34  
 SCREWED ENDS DIMENSION : ASME B1.20.1  
 TEST AND INSPECTION : API 598  
 NACE MR-0175

**MATERIALS LIST**

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A182 F316L
2	SEAT RING	ASTM A276 316L+6TL
3	DISC	ASTM A276 316L+6TL
4	DISC NUT	ASTM A194 8MA
5	ROCKER	ASTM A351 CF8M
6	PIN	ASTM A276 316
7	GASKET	316L+GRAPHITE
8	BONNET	ASTM A182 F316L
9	BONNET BOLT	ASTM A193 B8MA
10	NAMEPLATE	304 SS



SIZE	Dimension Unit: Inch					WGT (LB)	Cracking Pressure (PSI)	CV
	L±0.06	d±0.02	D <sup>+0.02</sup> <sub>0</sub>	L1±0.02	H±0.20			
1/2"	3.11	Ø0.51	Ø0.86	0.39	2.28	2.9	5.8	2.2
3/4"	3.62	Ø0.51	Ø1.07	0.51	2.28	3.3	7.3	4.9
1"	4.37	Ø0.71	Ø1.33	0.51	2.95	6.0	8.7	7.2
2"	5.51	Ø1.44	Ø2.41	0.85	4.21	14.3	14.5	33.5

**Warren Valve**

	APPROVED BY.	CHECK BY.	DRAWN BY.	DRAWINGNO.	MATERIAL	UNIT	DESCRIPTION	
SIGN	Zhang	Zhou	Chen	WARREN-803HF-S	MATERIALS LIST	Inch	RXWA	SWING CHECK VALVE,800LB, SW,F316L,TRIM 16#,NACE
DATE	05/02/2018	05/02/2018	05/02/2018	REVISION	01	SCALE	FREE	