

BODY MARK
Front:1/4"~2"-800LB
A105N
Back:WARREN

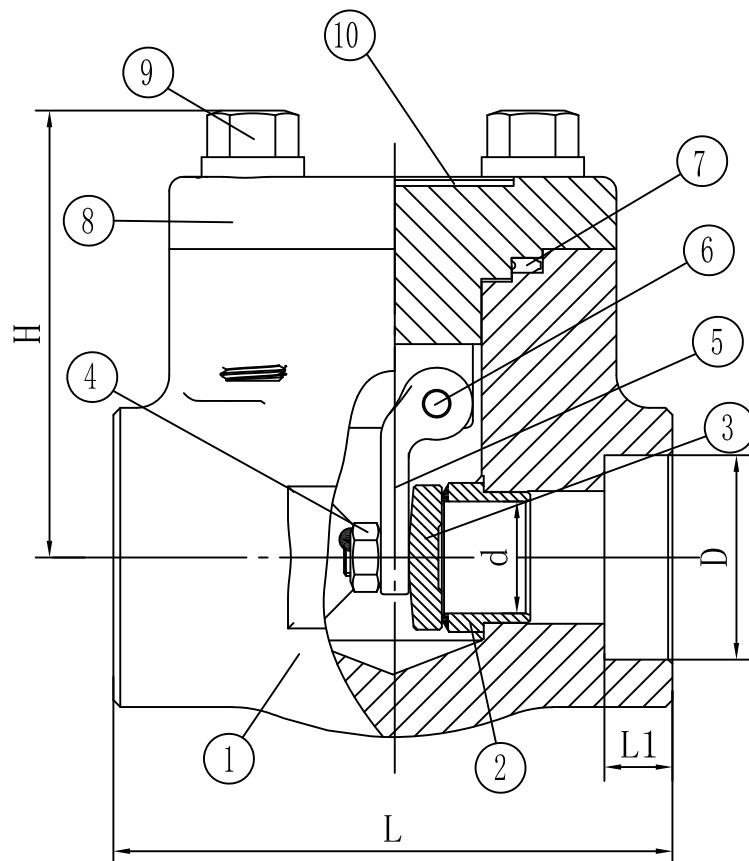
TEST PRESSURE:
Test inspection Per API 598
Shell(by Water):2975 Psig
High-Pressure Closure(by Water):2175 Psig

APPLICABLE STANDARDS
BASIC DESIGN: API 602&ASME B16.34
SOCKET WELDING DIMENSION : ASME B16.11
TEST AND INSPECTION : API 598
NACE MR-0175/NACE MR-0103

Fig No.:WARREN-853-8-S

MATERIALS LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A105N
2	SEAT RING	ASTM A276 410+STL
3	DISC	ASTM A182 F6a
4	DISC NUT	ASTM A194 8MA
5	ROCKER	ASTM A276 316L
6	PIN	ASTM A276 316
7	GASKET	304+GRAPHITE
8	BONNET	ASTM A105N
9	BONNET BOLT	ASTM A193 B7M
10	NAMEPLATE	304 SS



SIZE	Dimension Unit: inch					WGT (LB)	Cracking Pressure (PSI)	CV
	L±0.06	d±0.02	D ^{+0.02} ₀	L1±0.02	H±0.20			
1/4"	3.11	Ø0.30	Ø0.56	0.39	2.28	3.1	5.8	1.8
3/8"	3.11	Ø0.39	Ø0.69	0.39	2.28	3.1	5.8	2.0
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
1¼"	4.72	Ø0.94	Ø1.68	0.51	3.27	8.2	10.2	13.5
1½"	4.72	Ø1.14	Ø1.92	0.51	3.70	9.7	10.2	20.0
2"	5.51	Ø1.44	Ø2.41	0.65	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-853-8-S		MATERIALS LIST		inch	RXWA	SWING CHECK VALVE,800LB, SW,A105N,TRIM 8#,NACE
DATE	12/31/2020	12/31/2020	12/31/2020	REVISION	04	SCALE	FREE			