

BODY MARK
Front:1/4"-2"-800LB
F304L
Back:WARREN

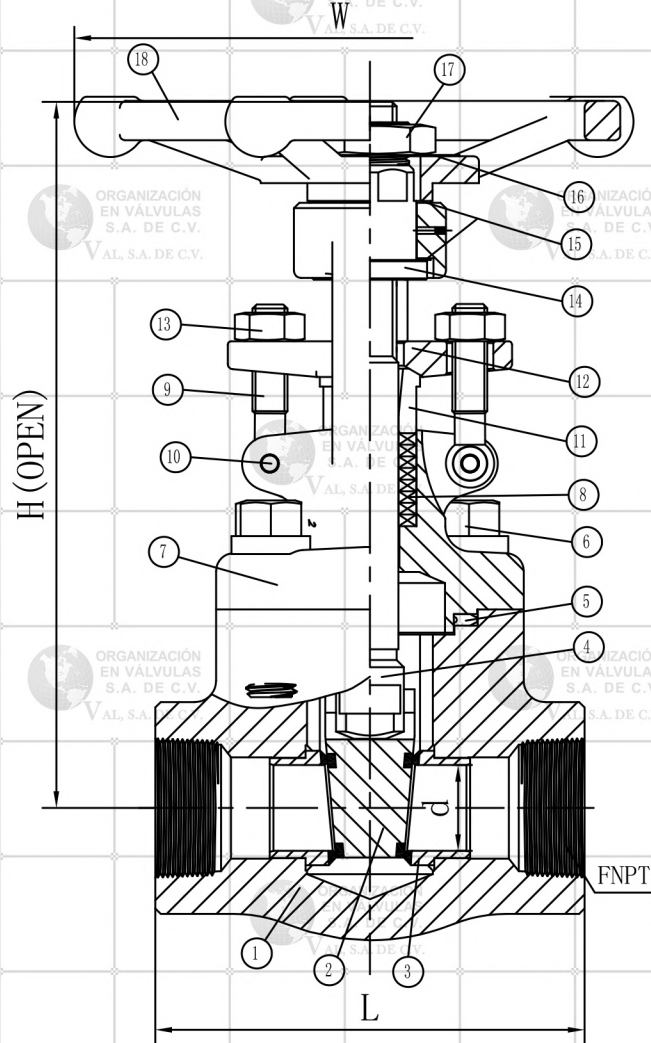
TEST PRESSURE:
Test inspection Per API 598
Shell(by Water):2400 Psig
Backseat(by Water):1775 Psig
Low-Pressure Closure(by Air):80 Psig

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

Fig No.:WARREN-801HF-F304L-T

MATERIALS LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A182 F304L
2	WEDGE	ASTM A276 304L+STL
3	SEAT RING	ASTM A276 304L+STL
4	STEM	ASTM A276 304L
5	GASKET	304L+GRAPHITE
6	BONNET BOLT	ASTM A193 B8A
7	BONNET	ASTM A182 F304L
8	PACKING	GRAPHITE
9	GLAND BOLT	ASTM A193 B8A
10	GLAND BOLT PIN	ASTM A276 304
11	GLAND	ASTM A276 304
12	GLAND FLANGE	ASTM A182 F304
13	NUT	ASTM A194 8A
14	STEM NUT	ASTM A276 410
15	WASHER	ASTM A276 410
16	NAMEPLATE	304 SS
17	HAND WHEEL NUT	ASTM A29 1020
18	HAND WHEEL	ASTM A197



SIZE	Dimension Unit: inch					WGT (LB)	Torque (IN-LB)	CV
	L±0.06	d±0.02	FNPT	H±0.20	W±0.20			
1/4"	3.11	Ø0.30	1/4"	6.18	3.94	4.6	460.2	2.0
3/8"	3.11	Ø0.39	3/8"	6.18	3.94	4.6	460.2	3.5
1/2"	3.11	Ø0.51	1/2"	6.18	3.94	4.4	460.2	6.5
3/4"	3.62	Ø0.51	3/4"	6.18	3.94	4.9	460.2	11.1
1"	4.37	Ø0.71	1"	7.28	4.72	7.7	690.3	25.0
1 1/4"	4.72	Ø0.94	1 1/4"	8.90	6.30	12.1	747.8	45.0
1 1/2"	4.72	Ø1.14	1 1/2"	9.49	6.30	14.1	805.3	67.0
2"	5.51	Ø1.44	2"	10.75	8.66	20.5	943.4	113.5

Warren Valve

	APPROVED BY.	CHECK BY.	DRAWN BY.	DRAWINGNO.	MATERIAL	UNIT	DESCRIPTION
SIGN	Zhang	Zhou	Chen	WARREN-801HF-F304L-T	MATERIALS LIST	inch	RXWA
DATE	10/12/2018	10/12/2018	10/12/2018	REVISION	01	SCALE	FREE

GATE VALVE,800LB,
FNPT,F304L,TRIM 15H#,NACE