

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

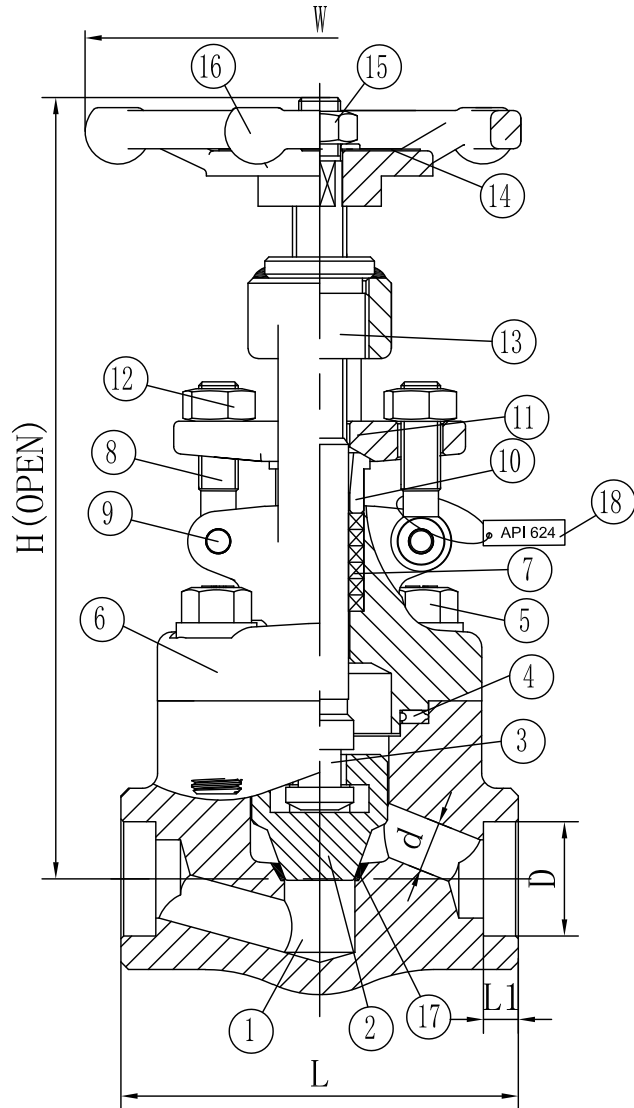
TEST PRESSURE:
Test inspection Per API 598
Shell(by Water):2975 Psig
Backseat(by Water):2175 Psig
High-Pressure Closure(by Water):2175 Psig

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
FUGITIVE EMISSIONS : API 624 CERTIFIED

Fig No.:WARREN-852-8-S-624

MATERIALS LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A105N
2	DISC	ASTM A182 F6a
3	STEM	ASTM A276 410
4	GASKET	304+GRAPHITE
5	BONNET BOLT	ASTM A193 B7M
6	BONNET	ASTM A105N
7	PACKING	Flexible Graphite With Inconel Wire (CHESTERTON 1622)
8	GLAND BOLT	ASTM A193 B8
9	GLAND BOLT PIN	ASTM A276 304
10	GLAND	ASTM A276 420
11	GLAND FLANGE	ASTM A105N
12	NUT	ASTM A194 8
13	STEM NUT	ASTM A276 410
14	NAMEPLATE	304 SS
15	HAND WHEEL NUT	ASTM A194 2H
16	HAND WHEEL	ASTM A197
17	INTEGRAL SEAT	ASTM A105N+STL
18	METAL TAG	304 SS



SIZE	Dimension Unit: inch						WGT (LB)	Torque (IN-LB)	CV
	L±0.06	d ^{+0.04} _{-0.02}	D ^{+0.02} ₀	L1±0.02	H±0.20	W±0.20			
1/4"	3.11	Ø0.27	Ø0.56	0.39	6.34	3.94	4.9	345.1	0.7
3/8"	3.11	Ø0.27	Ø0.69	0.39	6.34	3.94	4.9	345.1	0.7
1/2"	3.11	Ø0.37	Ø0.86	0.39	6.34	3.94	4.6	345.1	1.2
3/4"	3.62	Ø0.49	Ø1.07	0.51	6.34	3.94	5.1	345.1	2.7
1"	4.37	Ø0.69	Ø1.33	0.51	7.60	4.72	8.2	437.2	5.3
1¼"	4.72	Ø0.93	Ø1.68	0.51	9.06	6.30	12.8	517.7	11.0
1½"	5.98	Ø1.12	Ø1.92	0.51	9.76	6.30	16.5	621.2	17.6
2"	6.77	Ø1.44	Ø2.41	0.65	11.10	8.66	22.5	943.4	23.0



	APPROVED BY.	CHECK BY.	DRAWN BY.	DRAWINGNO.	MATERIAL	UNIT	DESCRIPTION			
SIGN	Zhang	Zhou	Chen	WARREN-852-8-S-624	MATERIALS LIST	inch	RXWA	GLOBE VALVE,800LB, SW,A105N,TRIM 8#,NACE		
DATE	04/09/2021	04/09/2021	04/09/2021	REVISION 01	SCALE	FREE				