



Unit:mm

DN	NPS	IN	d	L	T	L1	H	W	Remarks
15	1/2"	10.5	79	NPT 1/2"	16	164	100		
20	3/4"	13.5	92	NPT 3/4"	18	164	100		
25	1"	17.5	111	NPT 1"	20	209	125		
32	1-1/4"	23	120	NPT 1 1/4"	22	228	160		
40	1-1/2"	28.5	120	NPT 1 1/2"	22	253	160		
50	2"	35	140	NPT 2"	24	286	180		

Products Performance Specification		
Test	Intensity Test Pressure	21.0
	Back Seat Test Pressure	15.4
	Sealing Test Pressure	15.4
Pressure	Air Test Pressure	0.6
	Max. Temperature	425
Medium: water, oil & gas Etc.		°C

Technical Requirements:

1. Design and Manufacture Standard conform to API 602/BS 5352/ASME B16.34
2. Face to Face Dimensions Standard conform to MFG'S Standard
3. NPT Female Threaded End Dimensions Standard conform to ASME B1.20.1
4. Pressure-Temperature Rating Standard conform to ASME B16.34
5. Test & Inspection Standard conform to API598/BS6755/JIS B2003/ISO5208
6. Marking Std. as per MSS SP-25

10	GLAND EYEBOLT	A193 B7			
9	GLAND	A276 410			
8	PIN	ANSI 1025	18	PACKING	Graphite
7	BONNET BOLT	A193 B7	17	STEM NUT	A276 410
6	BONNET	A105	16	WASHER	A276 410
5	GASKET	SS304+Graphite	15	NAMEPLATE	Aluminum
4	STEM	A276 410	14	HAND WHEEL	A197
3	WEDGE	A276 410+STL	13	HAND WHEEL NUT	ANSI 1025
2	SEAT RING	A276 410+STL	12	GLAND NUT	A194 2H
1	BODY	ASTM A105	11	GLAND FLANGE	ASTM A105
NO.	DENOMINATION	MATERIAL	NO.	DENOMINATION	MATERIAL

Forged A105 Gate Valve-Trim 5-FNPT End-800L-B-1/2, 3/4, 1, 1-1/4, 1-1/2, 2INCH (DN15, 20, 25, 32, 40, 50)

DESIGNED BY	FIONA	FSSGT012-200_800A105N8NPTAPI
CHECKED BY	LISA	
STANDARD BY	JASON	
APPROVED BY	RANDY	
DATE	2020-06-20	