

CLASS 800 Y PATTERN FORGED STEEL BOLTED BONNET GLOBE VALVE

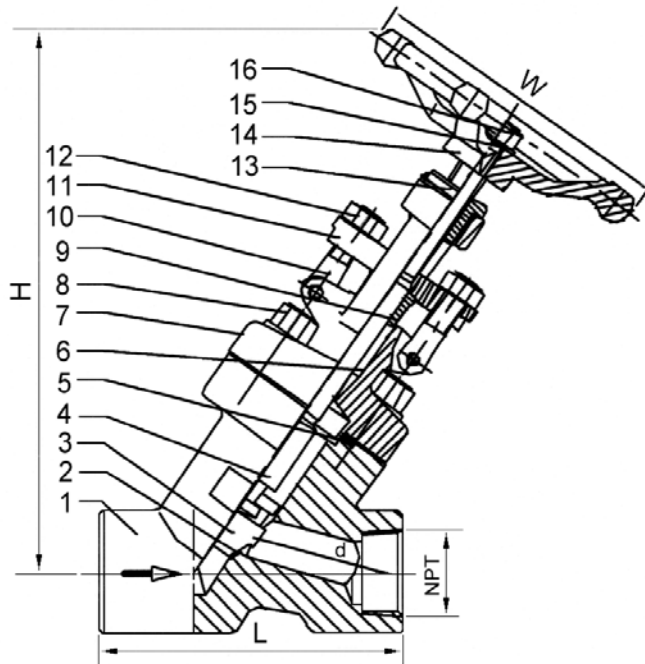
FIG: FGL-821T



Design: API 602 – ANSI B16.34
 Testing: API 598
 Threaded ends to: ASME B1.20.1
 Socket weld ends to: ASME B16.11
 MSS SP-84
 API 606

Materials:

No.	Part Name	Specification
1	Body	A105N
2	Seat	Integral Hard Faced
3	Disc	A276 – 410 Hard Faced
4	Stem	A276 – 420
5	Gasket	Spiral Wound 304SS + Graphite
6	Gland Packing	Flexible Graphite
7	Bonnet	A105N
8	Bonnet Bolt	A193 – B7
9	Gland	A276 – 410
10	Gland Bolt	A193 – B7
11	Gland Flange	Carbon Steel
12	Gland Nut	A194 – 2H
13	Yoke Sleeve	45#
14	Handwheel	Malleable Iron
15	Sleeve Washer	45#
16	Handwheel Nut	AISI 1025



Rating:

Carbon Steel class 800 – 1975 psig @ 100°F

Note:

- The above figure number (FGL-821T) designates threaded valve. If a socket weld end is required, change the “T” to an “S” (FGL-821S).
- Other trims and body materials are available upon request.
- Both bolted bonnet and welded bonnet have the same dimensions.
- Integral HF seat.
- Regular port.

Dimensions:

Size		d		L		H (Open)		W		Weight	
in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
½	15	.39	10	3.86	98	9.45	240	3.94	100	6.15	2.8
¾	20	.51	13	3.86	98	9.45	240	3.94	100	6.15	2.8
1	25	.69	17.5	4.72	120	11.42	290	4.92	125	10.2	4.6
1¼	32	.91	23	5.5	140	11.89	302	6.3	160	17.2	7.8
1½	40	1.18	30	5.5	140	14.5	368	6.3	160	17.2	7.8
2	50	1.38	35	6.69	170	14.57	370	7.09	180	30.8	14