

Forged steel globe valve bolted bonnet outside screwed & yoke

Description

Are ideal for throttling service. Their flow characteristics permit accurate and repeatable flow control. However, caution must be exercised to avoid extremely close throttling when pressure drop exceeds 20%. This creates excessive noise, vibration, and possibly damage to valves and piping. When these conditions are anticipated, consult Dong-Kang for recommendation.

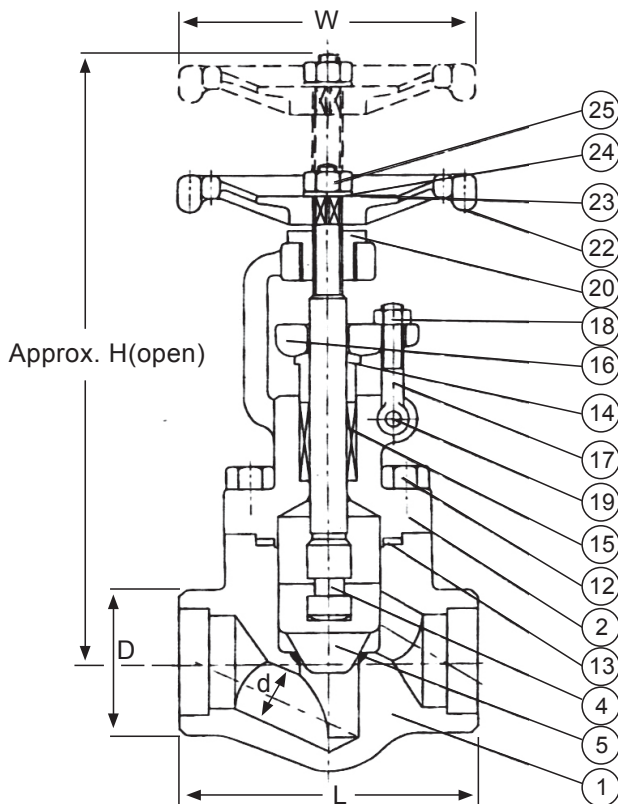
Class
API 800

Size
1/2", 3/4", 1", 1.1/4", 1.1/2", 2"

Material
ASTM A105

End Connection
Socket welding, Threaded

Feature
Bolted Bonnet or Welded Bonnet
Outside Screw & Yoke
Plug Disc
Integral Seat



Materials

No	Part Name	Q' ty	Material-ASTM
1	Body	1	A105
2	Bonnet	1	A105
4	Stem	1	A276-410
5	Disc	1	A743-CA40
7	Seat Ring	2	A276-410
12	Bonnet Bolt	4	A193-B7
13	Gasket	1	SS304+Graphite
14	Gland	1	A276-410
15	Gland Packing	1set	Graphite W/Monel® Wire
16	Gland Flange	1	A105
17	Gland Bolt	2	A276-304
18	Gland Bolt Nut	2	A194-2H
19	Gland Bolt Pin	2	A276-304
20	Sleeve	1	A276-410
22	Handwheel	1	A197
23	Nameplate	1	Aluminum
24	Handwheel Washor	1	A108-1020
25	Handwheel Net	1	A194-2H

Dimensions

Class	Port	Valve Size		Center to Top, Open H		End to End L		Handwheel Diameter W		End Hub Diameter D		Port Diameter d		Approx. Weight	
		DN	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb
600 & 800	Reduced	15	1/2	134	5.28	73	2.87	75	2.95	32	1.26	10	0.39	1.4	3.1
		20	3/4	148	5.82	87	3.42	95	3.74	38	1.50	13	0.51	1.9	4.2
		25	1	180	7.09	98	3.85	95	3.74	46	1.81	19	0.75	2.7	6.0
		32	1.1/4	210	8.27	123	4.84	135	5.31	55	2.17	25	0.98	4.9	10.8
		40	1.1/2	223	8.78	143	5.63	135	5.31	62	2.44	30	1.43	5.8	12.8
		50	2	255	10.04	163	6.41	160	6.30	76	2.99	37	1.46	9.3	20.5