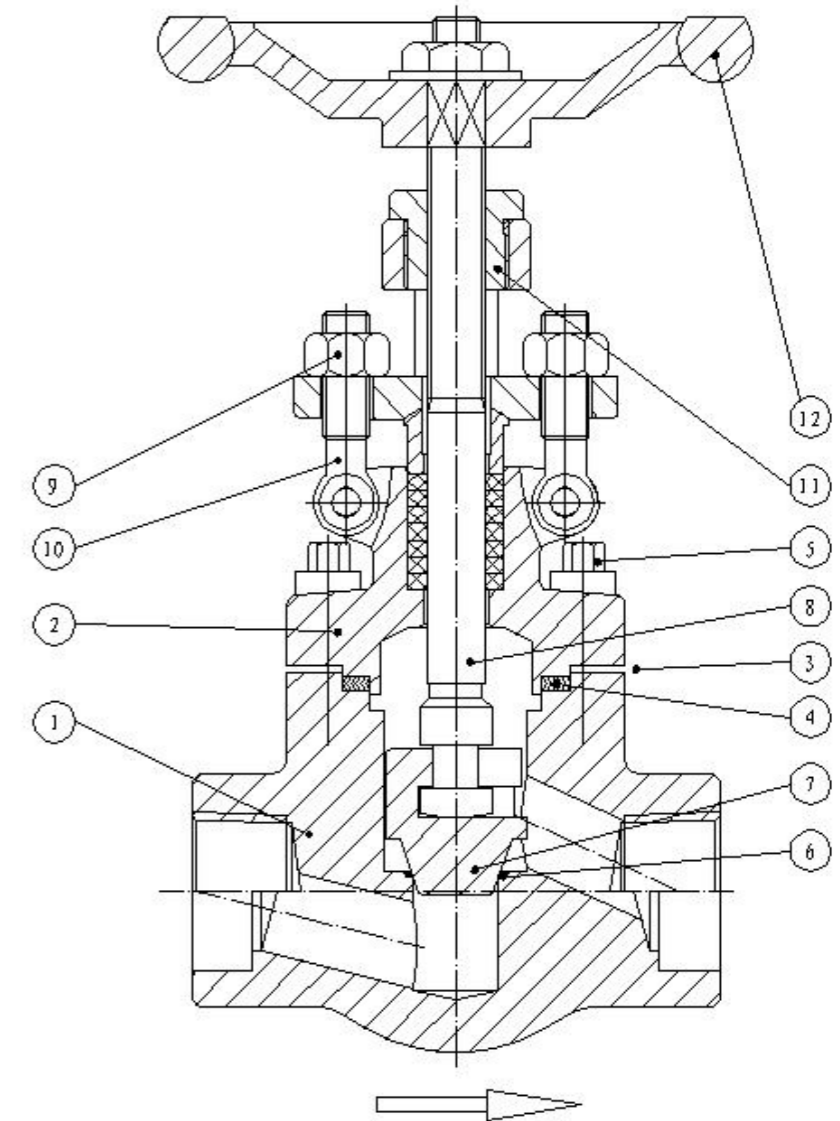


GLOBE VALVES

Forged steel, outside screw and yoke (OS&Y), rotating rising stem, rising handwheel. Full or standard port. Bolted or welded bonnet joint. T-Pattern or Y-Pattern. Integral backseat. Integral body seat.



GLOBE VALVES



The body is forged steel and designed to the basic dimensional requirements of the applicable specifications such as API 602 and ASME B16.34. The body is available in both the full or standard port design. It is also available in either T-pattern or Y-pattern configuration.

The bonnet is forged steel, has an integral backseat and incorporates the stuffing box, which has dimensions per the applicable specifications such as API 602.

3. BODY-BONNET JOINT. Two different bonnet joint designs are available. These are either the bolted bonnet or the threaded and seal welded type.

The bolted bonnet joint design valve uses a contained, controlled compression, spiral wound type gasket.

5. BONNET BOLTING. The bonnet bolting is manufactured of alloy steel in accordance with the requirements of the applicable specifications such as API 602 and ASME B16.34.

The body seat is an integral weld overlay and is part of the valve trim.

The disc is forged steel and is part of the valve trim. The disc seating surface is of the tapered or plug type design. The disc is attached to the stem using a loose or swivel disc arrangement.

8. STEM. The stem is forged steel and part of the valve trim. It contains an integral back seat shoulder, which mates with the integral backseat of the bonnet. The stem is designed to the basic dimensional requirements of the applicable specifications such as API 602.

9. GLAND AND FLANGE. The gland, gland flange assembly utilizes a separate, two piece design. This self aligning design allows the flange to be unevenly tightened while the gland maintains its parallel alignment with the stem and stuffing box.

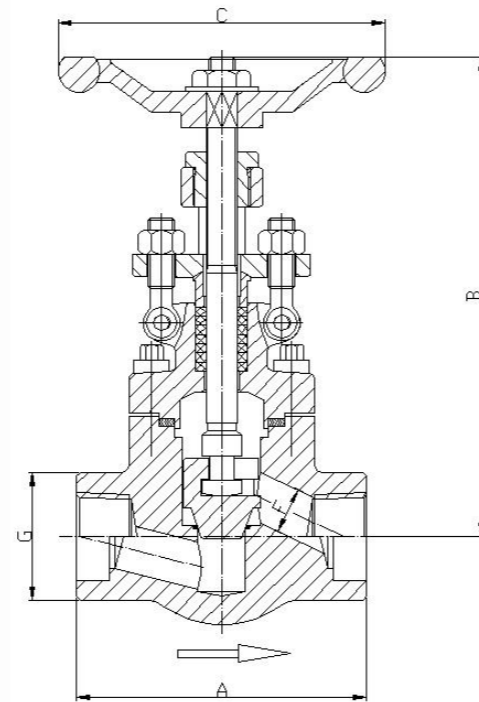
10. GLAND BOLTS AND NUTS. The steel/stainless steel gland bolt and nut assembly is a stud, Eye bolt arrangement. This design allows complete removal from the valve when service is required. The use of industry standard thread full length studs and nuts also allows easy replacement should these items be lost or in need of replacement.

11. YOKE SLEEVE. The yoke sleeve is of forged stainless steel material having a high melting point and is resistant to wear and corrosion.

12. HANDWHEEL. The handwheel is forged carbon steel of an open spoke design. This robust construction along with appropriate sizing allows for ease of operation.

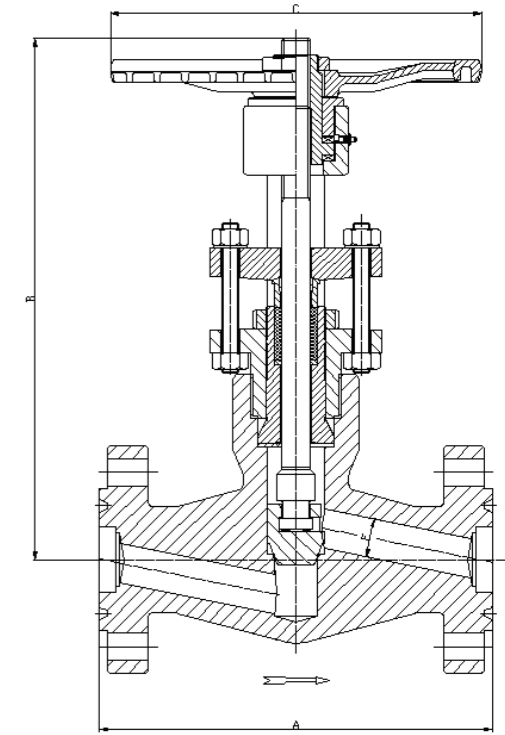
150LB-800 LB.
900LB-1500 LB.

Design construction:
ASME B16.34 - BS 5352
Testing according to api 598
Marking MSS SP25
Outsind Screw and Yoke(OS&Y)
Self aligning two piece packing gland
Spiral-wound gasket
Integral backseat
Loose solid disc
Socket Weld Ends to ASME B16.11
Screwed Ends (NPT) to ASME B1.20.1
Butt Welding Ends to ASME B16.25
Ratings:
- carbon steel class 800 1975 psig @ 100°F
138 bar + 38°C
- carbon steel class 1500 3705 psig @ 100°F
255 bar + 38°C



900-1500 LB.

Design construction:
ASME B16.34 - BS 5352
Testing according to API 598
Marking MSS SP25
Outside Screw and Yoke (OS&Y)
Self aligning two piece packing gland
Spiral-wound gasket
Integral backseat
Loose solid disc
Socket Weld Ends to ASME B16.11
Screwed Ends (NPT) to ASME B1.20.1
Butt Welding Ends to ASME B16.25
Ratings standard class:
- carbon steel class 1500 3705 psig @ 100°F
255 bar + 38°C
- carbon steel class 2500 6170 psig @ 100°F
425 bar + 38°C



150LB-800LB.	DN	R. P	mm	8	10	15	20	25	32	40	50	-	
			(in)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	-	
	F	F. P	mm	-	8	10	15	20	25	32	40	50	
			(in)	-	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
	A	R. B	7	10	10	13	18	24	29	36.5	-		
		F. B	-	7	10	13	18	24	29	36.5	46.5		
	H	R. B	79	79	79	92	111	120	152	172	-		
		F. B	-	79	79	92	111	120	152	172	200		
	C	R. B	153	153	158	163	193	250	250	291	-		
		F. B	-	153	158	163	193	250	250	291	360		
	kg	R. B	100	100	100	100	125	160	160	180	-		
		F. B	-	100	100	100	125	160	160	180	240		
kg	R. B	1.9	1.8	2.1	2.1	3.3	7.5	7.5	11.4	-			
	F. B	-	2.1	2.3	2.3	3.6	7.8	8.2	12.0	15.0			

900LB-1500 LB.	NPS	(in)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	DN	mm	8	10	15	20	25	32	40	50
	F		7	10	13	18	24	29	36.5	46.5
	A		111	111	111	130	152	172	220	236
	H		207	207	207	240	258	290	337	354
	C		100	100	100	125	160	160	180	240
	kg		2.4	2.2	2.0	3.8	4.2	8.0	13.2	16.8

900-1500 LB.	NPS	(in)	1/2	3/4	1	1 1/4	1 1/2	2	
	DN	mm	15	20	25	32	40	50	
	F			13	18	24	29	36.5	46.5
	A	flange	SW or NPT (Rc)	140	140	140	178	178	216
			RJ	216	229	254	279	305	371.2
			RN16.0	170	190	210	230	260	300
	H			207	207	240	258	290	337
	W			125	125	160	160	190	240
	kg		SW or NPT	11.2	10.5	10.1	21.0	19.6	40.4
			≤1500 RJ	15.5	16.9	18.3	25.5	34.3	52.8
			RN16.0 MPa	14.3	15.2	17.0	22.6	30.0	48.1



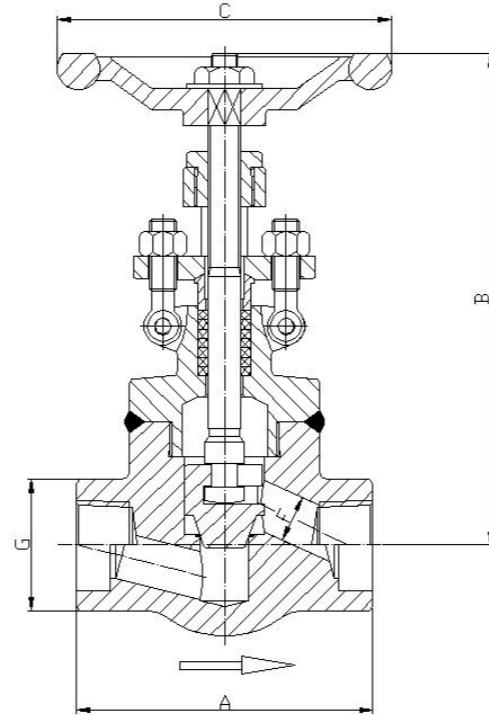
GLOBE VALVES-WELDED BONNET-FULL&STANDARD PORT

YAAO FORGE

150LB-800 LB.
900LB-1500 LB.

Design construction:

- ASME B16.34 - BS 5352
- Testing according to api 598
- Marking MSS SP25
- Outside Screw and Yoke(OS&Y)
- Self aligning two piece packing gland
- Integral backseat
- Body bonnet weld to ASMEIX
- Loose solid disc
- Socket Weld Ends to ASME B16.11
- Screwed Ends (NPT) to ASME B1.20.1
- Butt Welding Ends to ASME B16.25
- Ratings:
 - carbon steel class 800 1975 psig @ 100°F
138 bar + 38°C
 - carbon steel class 1500 3705 psig @ 100°F
255 bar + 38°C



150LB-800LB.	DN	R. P	mm	8	10	15	20	25	32	40	50	-
		F. P	(in)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	-
	F	R. B	7	10	10	13	18	24	29	36.5	-	
		F. B	-	7	10	13	18	24	29	36.5	46.5	
	A	R. B	79	79	79	92	111	120	152	172	-	
		F. B	-	79	79	92	111	120	152	172	200	
	H	R. B	153	153	158	163	193	250	250	291	-	
		F. B	-	153	158	163	193	250	250	291	350	
	C	R. B	100	100	100	100	125	160	160	180	-	
		F. B	-	100	100	100	125	160	160	180	240	
	kg	R. B	1.9	1.8	1.7	2.1	3.3	7.5	7.5	11.4	-	
		F. B	-	2.1	1.9	2.3	3.6	7.8	8.2	12.0	15.0	

900LB-1500 LB.	NPS	(in)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	DN	mm	8	10	15	20	25	32	40	50
	F. B		7	10	13	18	24	29	36.5	46.5
	A		111	111	111	130	152	172	220	236
	B		207	207	207	240	258	290	337	354
	C		100	100	100	125	160	160	180	240
	kg		2.4	2.2	2.0	3.8	4.2	8.0	13.2	16.8



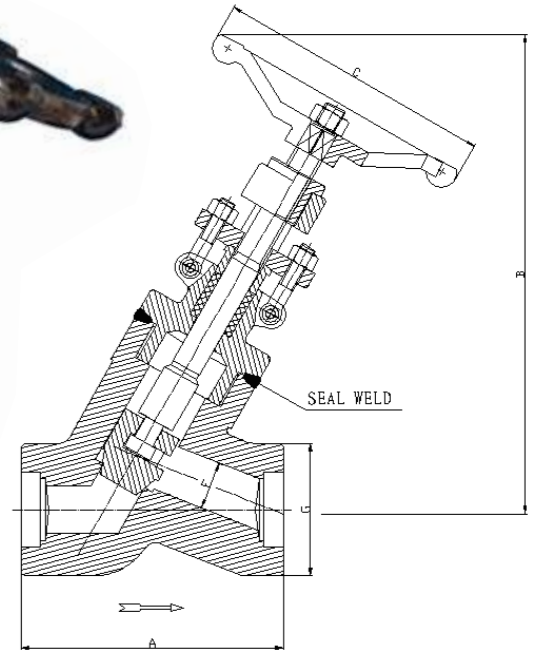
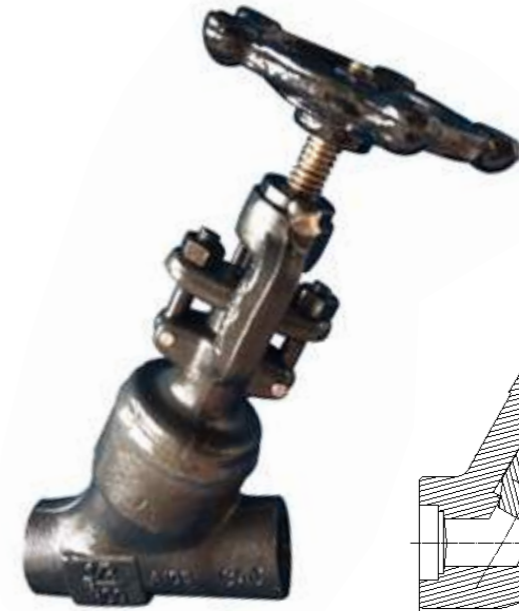
GLOBE VALVES- WELDED BONNET- FULL PORT (Y TYPE)

YAAO FORGE

800-1500LTD.

Design construction:

- ASME B16.34 Limited Class
- Testing according to API 598
- Marking MSS SP25
- Outside Screw and Yoke (OS&Y)
- Self aligning two piece packing gland
- Integral backseat
- Body bonnet weld to ASME IX
- Loose solid disc
- Socket Weld Ends to ASME B16.11
- Screwed Ends (NPT) to ASME B1.20.1
- Butt Welding Ends to ASME B16.25
- Ratings:
 - carbon steel class 800 2000 psig @ 100°F
138 bar + 38°C
 - carbon steel class 1690 4225 psig @ 100°F
291 bar + 38°C



800-1500LB.	规格NPS	(in)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	
	公称口径DN	mm	15	20	25	32	40	50	65	
	d (全径F. P)		13	18	24	29	36.5	46.5	64	
	L	CL800/CL1500	108-130	108/130	130/180	160/190	160/190	190/220	220/260	
	H(开)	CL800/CL1500	B. B	175/255	175/225	233/274	281/307	281/307	310/356	340/472
		CL800/CL1500	W. B	160/217	160/217	219/225	257/274	257/274	279/307	389/463
	W	CL800/CL1500		100/125	100/125	125/160	160/180	160/180	180/200	200/300
	重量(kg)	CL800/CL1500	B. B	2.6/3.8	2.3/4.2	5.5/7.8	15.0/17.2	17.4/17.6	27.0/29.1	36.8/40.4
		CL800/CL1500	W. B	2.3/3.5	2.2/4.0	4.1/6.0	13.7/15.0	13.3/15.0	26.0/28.0	35.6/37.5