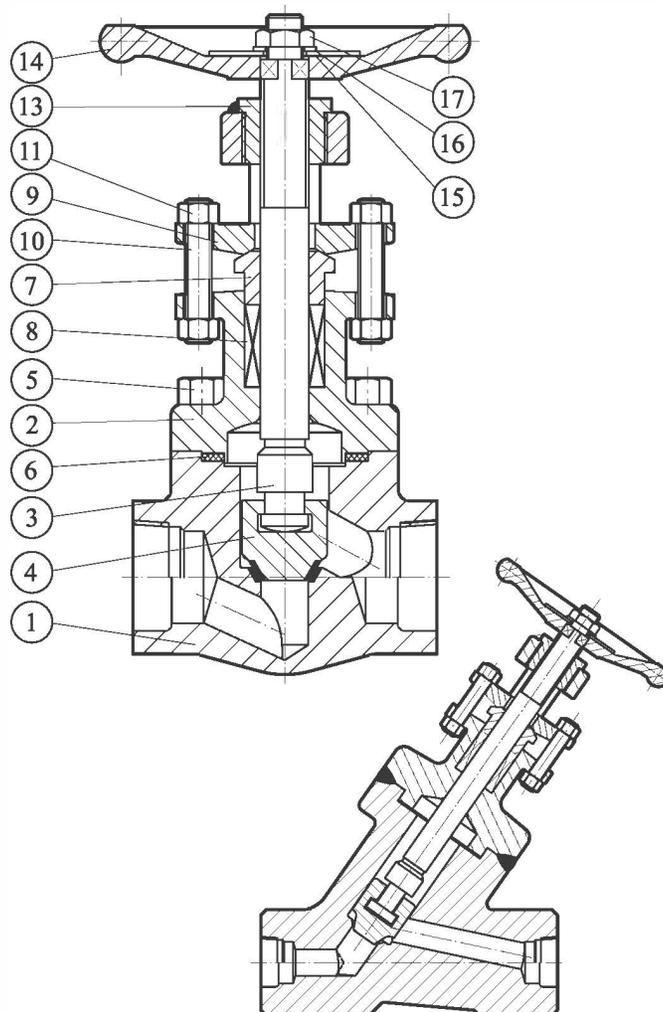


Trim Material				
Trim Code	API Trim No.	Disc Surface Part No.4	Body Seal Surface Part No.1	Stem Part No.3
1	-	13CR	13CR	F6A
2	5	HF	HF	F6A
3	8	13CR	HF	F6A
4	9	Monel	Monel	Monel
5	10	316	316	F316
6	11	Monel	HF	Monel
7	12	316	HF	F316
8	-	304	304	F304
9	-	304L	304L	304L
0	-	316L	316L	316L
A	-	F51	F51	F51
B	19	INCONEL 625	INCONEL 625	INCONEL 625
C	16	HF	HF	F316
D	-	F53	F53	F53
E	-	F55	F55	F55
F	19	INCONEL 825	INCONEL 825	INCONEL 825



Y Pattern Globe Valve

Standard Material Specifications

No.	Part Name	Carbon Steel to ASTM		Alloy Steel to ASTM	Stainless Steel to ASTM		
1	Body	A105N	A350 LF2	A182 F11	A182 F304(L)	A182 F316(L)	A182 F51
2	Bonnet	A105N	A350 LF2	A182 F11	A182 F304(L)	A182 F316(L)	A182 F51
3	Stem	A182 F6a		A182 F6a	A182 F304(L)	A182 F316(L)	A182 F51
4	Disc	A182 F6a	A182 F6a / HF	A182 F6a / HF	A182 F304(L) / HF	A182 F316(L) / HF	A182 F51 / HF
-	Seat	Overlay HF					
5	Bonnet Bolt	A193 B7	A320 L7	A193 B16	A193 B8	A193 B8MA	
6	Gasket	SPW 304 +Graphite	SPW 316 +Graphite	SPW 304 +Graphite	SPW 304(L) +Graphite	SPW 316(L) +Graphite	SPW 31803 +Graphite
7	Gland	A276 410	316	A276 410	A182 F304(L)	A182 F316(L)	A182 F51
8	Packing	Flexible Graphite					
9	Gland Flange	A105N	A350 LF2	A182 F11	A182 F304	A182 F316	
10	Gland Bolt	A193 B8					
11	Gland Nut	A194 2H	A194 7	A194 4	A194 8	A194 8MA	
13	Yoke Nut	A276 410					
14	Handwheel	A197					
15	Nameplate	AL					
16	Washer	Stainless Steel					
17	Handwheel Nut	A194 2H			A194 8	A194 8MA	

Features

- Standard Port
- Full Port is optional
- Outside Screw and Yoke (OS & Y), Rotating Rising Stem
- Bolted Bonnet or Welded Bonnet
- Two Piece Self-aligning Packing Gland
- Integral Backseat
- Loose Solid Disc
- Threaded Ends or Socket Welding Ends
- Needle Plug Type available
- Extended Body or Pup Ends available

Specifications

Basic Design: **API 602 ISO 15761**
ASME B16.34

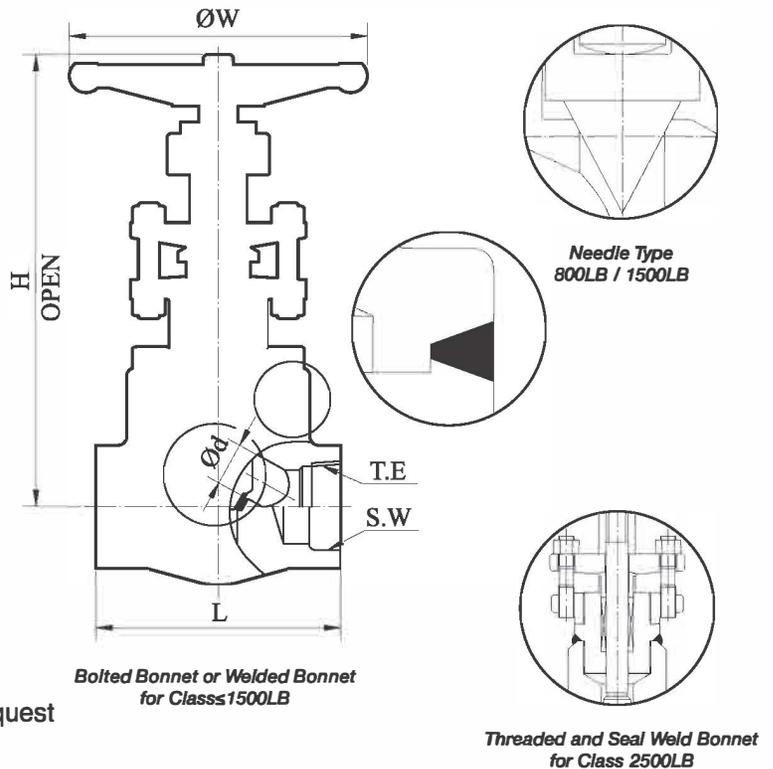
Socket Welding End(S.W): **ASME B16.11**

Threaded End(T.E): **ASME B1.20.1**

Test and Inspection: **API 598**

API 622 Packing, API 624 certified available upon request

ISO 15848-1 certified



800LB								
Description		Valve Size						
Standard Port		-	1/2	3/4	1	1 1/4	1 1/2	2
Full Port		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2
Flow Port d	In	0.24	0.37	0.50	0.69	0.91	1.13	1.44
	mm	6	9.5	12.7	17.5	23	28.6	36.5
End to End L	In	3.11	3.11	3.62	4.37	4.65	5.51	6.77
	mm	79	79	92	111	118	140	172
Height to Open H	In	6.65	6.65	6.65	8.23	9.13	9.41	11.34
	mm	169	169	169	209	232	239	288
Handwheel Dia W	In	3.94	3.94	3.94	4.72	5.91	5.91	7.09
	mm	100	100	100	120	150	150	180
Weight	Kg	2	2	2.2	3.7	5.2	5.95	9.7

2500LB							
Description		Valve Size					
Standard Port		1/2	3/4	1	1 1/4	1 1/2	2
Flow Port d	In	0.35	0.47	0.69	0.91	1.12	1.38
	mm	9	12	17.5	23	28.5	35
End to End L	In	6.10	6.10	7.32	9.13	9.13	10.98
	mm	155	155	186	232	232	279
Height to Open H	In	11.61	11.61	12.60	18.90	19.33	21.42
	mm	295	295	320	480	491	544
Handwheel Dia W	In	7.87	8.66	8.66	9.84	9.84	13.78
	mm	200	220	220	250	250	350
Weight	Kg	17.5	17.8	26.2	26.2	43.6	59.1

1500LB							
Description		Valve Size					
Standard Port		1/2	3/4	1	1 1/4	1 1/2	2
Full Port		3/8	1/2	3/4	1	1 1/4	1 1/2
Flow Port d	In	0.37	0.49	0.69	0.91	1.12	1.38
	mm	9.5	12.5	17.5	23	28.5	35
End to End L	In	3.62	4.37	4.65	5.51	6.77	7.09
	mm	92	111	118	140	172	180
Height to Open H	In	7.05	8.23	9.17	9.41	11.22	12.28
	mm	179	209	233	239	285	312
Handwheel Dia W	In	3.94	4.72	5.91	5.91	7.09	7.87
	mm	100	120	150	150	180	200
Weight	Kg	4	4	5.5	8.3	12.5	19.3

2500LB					
Description		Valve Size			
Full Port		1/2	3/4	1	1 1/2
Flow Port d	In	0.47	0.69	0.89	1.38
	mm	12	17.5	22.5	35
End to End L	In	6.10	7.32	9.13	10.98
	mm	155	186	232	279
Height to Open H	In	12.28	12.91	19.33	21.42
	mm	312	328	491	544
Handwheel Dia W	In	7.87	9.84	11.81	11.81
	mm	200	250	300	300