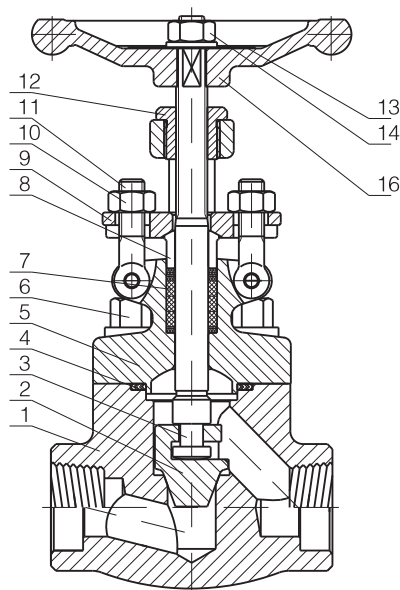


# Forged Steel Globe Valve-S21

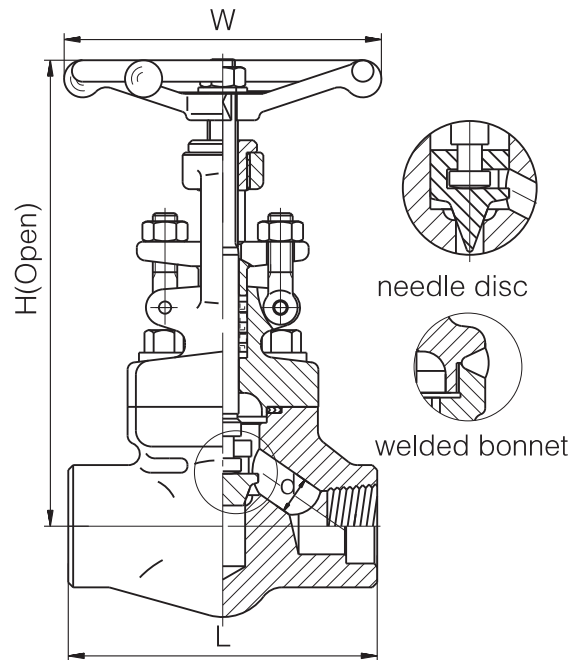
## Applicable Standards

1. Design and manufacture  
API 602, BS5352, ASME B16.34
2. Connection end  
Socket Weld End(SW):ASME B16.11  
Threaded End(NPT):ASME B1.20.1  
Butt-Weld End(BW):ASME B16.25  
Flange End(RF/RTJ):ASME B16.5
3. Test & Inspection  
API 602,API 598
4. Design Description  
Bolted Bonnet(BB),  
Welded Bonnet(WB),  
Outside Screw and Yoke(OS&Y)
5. Main Materials:  
A105, LF2, F5, F11, F22,  
304(L), 316(L), F347, F321,  
F51, Alloy 20, Monel



No.	PART	ASTM Material					
		A105	LF2	F11	F304(L)	F316(L)	F51
1	BODY	A105	LF2	F11	F304(L)	F316(L)	F51
2	DISC	F6a	F6a	F6a+STL	F304(L)	F316(L)	F51
3	STEM	410	410	410	304(L)	316(L)	F51
4	GASKET	A105	LF2	F11	304+Graphite	316(L)+Graphite	316(L)+Graphite
5	BONNET	304 + Graphite		B16	F304(L)	F316(L)	F51
6	BOLT	B7	L7	F11	B8(M)	B8(M)	B8M
7	PACKING	Flexible Graphite					
8	GLAND	A182 F6	LF2	F11	F304	F304	F304
9	GLAND FLANGE	A105	LF2		F304	F304	F304
10	NUT	A194 2H				8	
11	EYEBOLT	A193 B7				B8	
12	STEM NUT	A276 410					
13	LOCK NUT	AISI 1035					
14	NAMEPLATE	AL					
15	HANDWHEEL	ASTM A197					

Different Trim are available upon request.



### CL800

Bolted Bonnet/Welded Bonnet, Full Port/Reduced Port, Outside Screw and Yoke (OS&Y), Threaded, Butt Weld, Socket Weld. Design: API 602

Size (NPS)	R.P	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2
	F.P	3/8	1/2	3/4	1	1.1/4	1.1/2	2
Face To Face	L	79	92	111	120	152	172	220
Handwheel Diameter	W	100	100	125	160	160	180	200
Height	H	164	164	203	224	260	300	355
Flow Port Diameter	d	10.5	13.5	17	22	28	34	43

### CL900~1500

Bolted Bonnet/Welded Bonnet, Full Port/Reduced Port, Outside Screw and Yoke (OS&Y), Threaded, Butt Weld, Socket Weld. Design: API 602

Size (NPS)	R.P	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2
	F.P	3/8	1/2	3/4	1	1.1/4	1.1/2	2
Face To Face	L	92	111	120	152	172	220	-
Handwheel Diameter	W	100	125	160	160	180	240	-
Height	H	171	207	240	258	330	370	-
Flow Port Diameter	d	7	10.5	13.5	22	28	34	-

### CL2500

Welded Bonnet, Full Port/Reduced Port, Outside Screw and Yoke (OS&Y), Threaded, Butt Weld, Socket Weld. Design: ASME B16.34

Size (NPS)	R.P	3/8	1/2	3/4	1	1.1/4	1.1/2	2
Face To Face	L	111	120	152	172	220	-	-
Handwheel Diameter	W	125	160	160	180	240	-	-
Height	H	207	240	258	330	370	-	-
Flow Port Diameter	d	8	10.5	13.5	22	28	-	-