

SFJ type /API Forged Steel Globe Valve



Standard and Scope:

Size: 1 / 4 "to 2" DN15 to DN50

Pressure: CLASS150, CLASS300, CLASS600, CLASS800, CLASS 900, CLASS1500, CLASS 2500, PN16~PN420

Material: Carbon Steel (A105, LF2), Stainless Steel(F304, F304L, F316, F316L), Duplex(F51, F55), Alloy(F1, F5, F5A, F9, F11, F22, F347, F51, Monel, 20)

Design and manufacture: API602, ASME B16.34, BS 5352

Pressure Test: API 598, GB/T13927, JB/T9092

Tag: MSS SP25

SW Socket welding ends according to ASME B16.11

BW butt weld by ASME B16.25

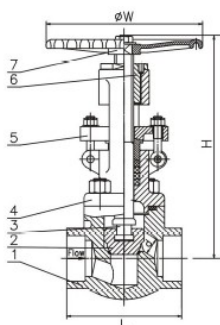
NPT threaded connector according to ASME B1.20.1

Flanged according to ASME B16.5

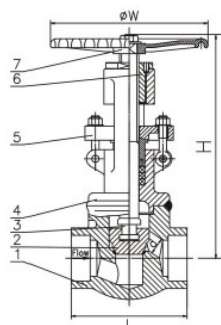
Design feature

- Close texture and better physical performance
- OS&Y outside screw and yoke
- Reduce port (Normal), full port (Optional)
- Welded bonnet (Optional), Bolted bonnet (Optional), Pressure sealing bonnet (Optional)
- Integral flange (Optional)
- Bellow seal (Optional)
- Y type(Optional)

Bolted Bonnet



Welded Bonnet



Parts List – API602 Standard

Parts No.	Part Name	ASTM Materials				
		Carbon steel	1.25Cr-0.5Mo	2.25Cr-1Mo	CF8/304(L)	CF8M/316(L)
1	Body	A105	A182 F11	A182 F22	A182 F304(L)	A182 F316(L)
2	Disc	A105	A182 F11	A182 F22	A182 F304(L)	A182 F316(L)
3	Stem	ASTM A182 F6	ASTM A182 F6	ASTM A182 F6	ASTM A182 F6	ASTM A182 F6
4	Bonnet	A105	A182 F11	A182 F22	A182 F304(L)	A182 F316(L)
5	Gland flange	A105	A182 F11	A182 F22	A182 F304(L)	A182 F316(L)
6	Stem Nut	AST MA276 410	AST MA276 410	AST MA276 410	AST MA276 410	AST MA276 410
7	Hand wheel	ASTM A197	ASTM A197	ASTM A197	ASTM A197	ASTM A197

Note: The charts above just only list common combination of check valve. SGV able to offer other material if required.

Main Outline Dimension and Weight - API 602 Forged steel Globe Valve

Class	Nominal Size		Dimension(mm)					Weight
	R.P	F.P	L	d	H	W	NPT	Kg
150lb	1/2	3/8	79	10	158	100	1/2	2
	3/4	1/2	92	13	158	100	3/4	2.2
~	1	3/4	111	17.5	192	125	1	2.5
800lb	1 1/4	1	120	23	227	160	1 1/4	5.5
	1 1/2	1 1/4	152	28.5	240	160	1 1/2	7
	2	1 1/2	172	35	279	180	2	11
Class	Nominal Size		Dimension(mm)					Weight
	R.P	F.P	L	d	H	W	NPT	Kg
900lb	1/2	3/8	92	10	187	125	1/2	3.5
	3/4	1/2	111	13	187	125	3/4	4
~	1	3/4	120	17.5	227	160	1	6.3
1500lb	1 1/4	1	152	23	242	160	1 1/4	8
	1 1/2	1 1/4	172	28.5	278	180	1 1/2	12.5
	2	1 1/2	220	35	325	200	2	19.5
Class	Nominal Size		Dimension(mm)					Weight
	R.P	F.P	L	d	H	W	NPT	Kg
2500lb	1/2	3/8	150	11	293	160	1/2	10.8
	3/4	1/2	150	14	293	160	3/4	12
	1	3/4	170	19	344	200	1	13.5
	1 1/4	1	200	25	383	250	1 1/4	18.5
	1 1/2	1 1/4	200	28	383	250	1 1/2	22
	2	1 1/2	250	35	442	300	2	37
Note	R.P.: reduce port; F.P.: full port; B.B.: bolted bonnet; W.B.: welded bonnet;							

NOTE: The material and data in this catalog is for general information. For specific performance data, proper material selection and special design, consult us freely. Although every attempt has been made to ensure correct information, Sangong reserves the right to change designs, materials or specifications without notice.