

Forged Steel Valve



Address: Binhai ETDZ, 5 Road, Longwan, Wenzhou, China. 325000
Tel: +86 577 8663 2750
Fax: +86 577 8663 2850

Mob./WhatsApp: +86 173 5771 5577
www.flowvalvefitting.com
Info@flowvalvefitting.com



WhatsApp Code

FVF BRAND, RELIABLE QUALITY FOR YOU
CE&ISO 9001:2015 CERTIFIED ACQUIRED
15 YEARS FLUID SOLUTION EXPERIENCES
EXPORTING TO OVER 40 COUNTRIES
EXCELLENT VALUE-ADDED SERVICE.



We focus on Details
We Make Different
FVF Brand, that can be trust.

FVF Brand Found in year 2010, we specialize in Manufacturing Various Lined Valves, Multi-Port Ball Valve, Control Valves and Pipe Fittings.

The products are mainly widely used in modern anti-corrosion engineering fields such as Lithium Battery, petroleum, chemical industry, pharmacy, printing and dyeing, electrical engineering, ship building, metallurgy, military industry, semiconductor chemistry, electronic phosphoric acid, etc.

Through the years, "Perfection" has been the only goal we pursue. In order to satisfy customers, with continuous efforts, we are working towards perfection through a Quality Assurance System. With over ten years Exporting Experiences, we have the confident to give you best support from pre-sales to after-sales Service.

FVF Product Line:

Lined Valves (Lined Butterfly Valve, Lined Ball Valve, Lined Diaphragm Valve etc.)

Ceramaic Valves (Ceramaic Ball Valve, Ceramaic Gate Valve, Ceramaic Butterfly Valve etc.)

Pneumatic Valves (Pneumatic Butterfly Valve, Ball Valve etc.)

Electric Valves (Electric Butterfly Valve, Ball Valve etc.)

Multi-Port Ball Valve (3-Way Ball Valve, 4-Way Ball Valve, 5-Way Ball Valve)

Manual Valve (Check Valve, Gate Valve, Globe Valve etc.)

Pipe Fittings (150LBS Thread Pipe Fittings, Butt-Weld Fittings, 3000PSI Pipe Fittings)

Stainless Steel Flanges

FVF[®]
FVF TECHNOLOGY CO., LIMITED



Bellow Seal Gate/Globe Valve

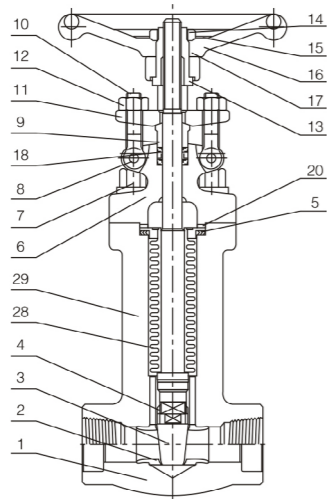
Our Core Values: Team, Details, Altruism, Innovation and Embrace Change.

Bellow Seal Gate/Globe Valve

FVF TECHNOLOGY CO., LIMITED



Bellow seal gate valve



Carbon steel temperature-pressure rate

CL150-285 P.S.I @100 °F CL800-1975 P.S.I @100 °F

CL300-740 P.S.I @100 °F CL1500-3705 P.S.I @100 °F

CL600-1480 P.S.I @100 °F

Material List of Main Parts

NO	Part Name	A105/F6a	A105/F6aHFS	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)
1	Body	A105	A105	A105	F304(L)	F316(L)
2	Seat	410	410HF	410HF	304(L)	316(L)
3	Wedge Disc	F6a	F6a	F6aHF	F304(L)	F316(L)
4	Stem	410	410	410	304(L)	316(L)
5	Gasket	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphite
6	Bonnet	A105	A105	A105	F304(L)	F316(L)
7	Bolt	B7	B7	B7	B8	B8
8	Pin	410	410	410	304	304
9	Gland	410	410	410	304	316
10	Gland Eyebolt	B7	B7	B7	B8(M)	B8(M)
11	Gland Flange	A105	A105	A105	F304	F304
12	Hex Nut	2H	2H	2H	8(M)	8(M)
13	Stem Nut	410	410	410	410	410
14	Locking Nut	35	35	35	35	35
15	Nameplate	AL	AL	AL	AL	AL
16	Handwheel	A197	A197	A197	A197	A197
17	Lubricating Gasket	410	410	410	410	410
18	Packing	Graphite	Graphite	Graphite	Graphite	Graphite
20	Gasket	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphite
28	Bellow	F321	F321	F321	F316L	F316L

Application standards

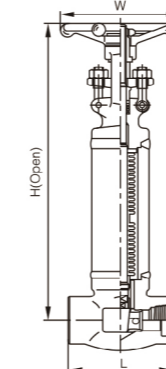
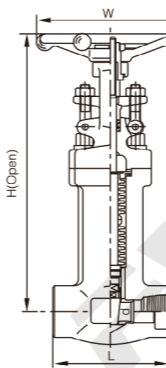
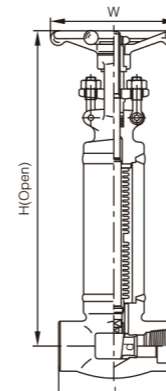
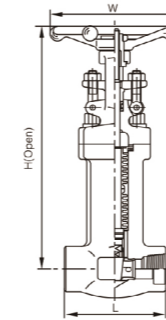
- Design and manufacture conform to: API 602; MSS-SP-117
- Connection ends conform to:
 - Socket welded ends conform to ANSI B16.11, JB/T1751
 - Screw ends conform to ANSI B1.20.1, JB/T7306
 - Butt-welded ends conform to ANSI B16.25, JB/T12224
 - Flange ends conform to ANSI B16.5, JB79
- Test and inspection conform to: API598; GBT13927; JB/T9092
- Structure features: Bolted bonnet, outside screw and yoke welded bonnet, outside screw and yoke
- Materials conform to ANSI/ASTM
- Main materials: A105; F304(L); F316(L); F347; F321; F51.
- Bellow materials: SS304, SS321, SS316, Inconel 625, Hastelloy C 276, Monel

Bellow Seal Gate/Globe Valve

FVF TECHNOLOGY CO., LIMITED



Bellow sealed gate valve



CL800 Bolted bonnet, full port & reduced port, outside screw and yoke (OS & Y)
Threaded, butt-welded or socket welded ends; design to API 602, MSS-SP-117

Specification (NPS)	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2
Face to face(mm)	L	79	79	92	111	120	120	140
Handwheel diameter (mm)	W	100	100	100	125	160	160	180
Height(open)(mm)	H	255	255	285	345	445	545	594
Flow port dimension (mm)	d	7.5	10.5	13.5	18	24	29	36.5
Weight(kg)		3.0	3.0	3.3	5.9	8.7	10.2	16.2

CL800 Welded bonnet, full port & reduced port, outside screw and yoke (OS & Y)
Threaded, butt-welded or socket welded ends; design to API 602, MSS-SP-117

Specification (NPS)	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2
Face to face(mm)	L	79	79	92	111	120	120	140
Handwheel diameter (mm)	W	100	100	100	125	160	160	180
Height(open)(mm)	H	248	548	777	335	437	537	585
Flow port dimension (mm)	d	7.5	10.5	13.5	18	24	29	36.5
Weight(kg)		2.9	2.9	3.2	4.6	7.2	8.9	15.5

CL1500 Bolted bonnet, full port & reduced port, outside screw and yoke (OS & Y)
Threaded, butt-welded or socket welded ends; design to API 602, MSS-SP-117

Specification (NPS)	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2
Face to face(mm)	L	92	111	111	120	120	140	172
Handwheel diameter (mm)	W	100	125	125	160	160	480	180
Height(open)(mm)	H	255	264	320	379	478	607	636
Flow port dimension (mm)	d	7.5	10.5	13.5	18	24	29	36.5
Weight(kg)		3.1	5.1	5.1	9.0	10.5	16.7	21

CL1500 Welded bonnet, full port & reduced port, outside screw and yoke (OS & Y)
Threaded, butt-welded or socket welded ends; design to API 602, MSS-SP-117

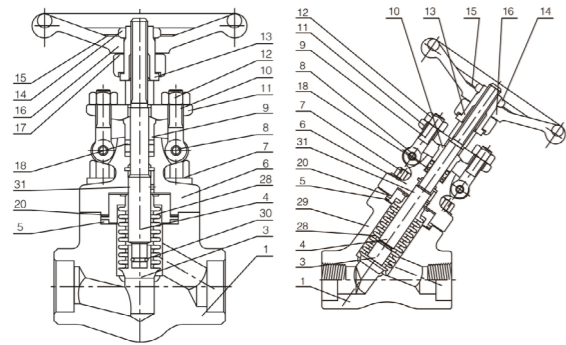
Specification (NPS)	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2
Face to face(mm)	L	92	111	111	120	120	140	172
Handwheel diameter (mm)	W	100	125	125	160	160	180	180
Height(open)(mm)	H	287	287	312	368	465	595	627
Flow port dimension (mm)	d	7.5	10.5	13.5	18	24	29	36.5
Weight(kg)		2.9	4.7	4.7	7.4	5.7	16	19

Bellow Seal Gate/Globe Valve

FVF TECHNOLOGY CO., LIMITED



Short pattern bellow seal globe valve



Carbon steel temperature-pressure rate

CL150-285 P.S.I @100 °F CL800-1975 P.S.I @100 °F
 CL300-740 P.S.I @100 °F CL1500-3705 P.S.I @100 °F
 CL600-1480 P.S.I @100 °F

Material List of Main Parts

NO.	Part Name	A105/F6a	A105/F6aHFS	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)
1	Body	A105	A105+HF	A105+HF	F304(L)	F316(L)
3	Disc	F6a	F6a	F6aHF	F304(L)	F316(L)
4	Stem	410	410	410	304(L)	316(L)
5	Gasket	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphit	304+ Flexible Graphit
6	Bonnet	A105	A105	A105	F304(L)	F316(L)
7	Bolt	B7	B7	B7	B8(M)	B8(M)
8	Pin	410	410	410	304	304
9	Packing Bushing	410	410	410	304	316
10	Eyelet Bolt	B7	B7	B7	B8(M)	B8(M)
11	Packing Gland	A105	A105	A105	F304	F304
12	Hex Nut	2H	2H	2H	8(M)	8(M)
13	Stem Nut	410	410	410	410	410
14	Locking Nut	35	35	35	35	35
15	Nameplate	AL	AL	AL	AL	AL
16	Handwheel	A197	A197	A197	A197	A197
17	Lubricating Gasket	410	410	410	410	410
18	Packing	Graphite	Graphite	Graphite	Graphite	Graphite
20	Gasket	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphite	304+ Flexible Graphite
28	Bellow	F321	F321	F321	F321/304L	F316/316L
30	Steel Wire	304	304	304	304	316
31	Pin	304	304	304	304	316

Application standards

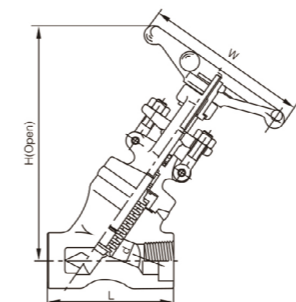
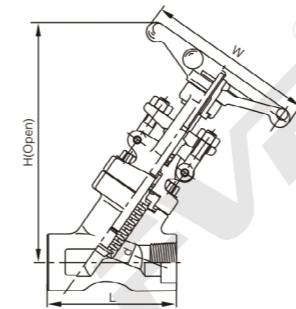
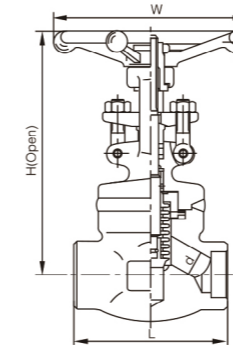
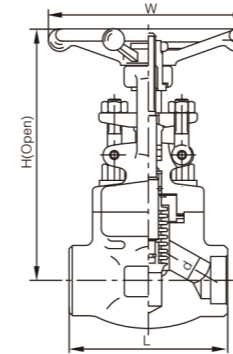
- Design and manufacture conform to:
API 602; MSS-SP-117
- Connection ends conform to:
1) Socket welded ends conform to ANSI B16.11, JB/T1751
2) Screw ends conform to ANSI B1.20.1, JB/T7306
3) Butt-welded ends conform to ANSI B16.25, JB/T12224
4) Flange ends conform to ANSI B16.5, JB79
- Test and inspection conform to: API598;
GB/T13927; JBT9092
- Structure features:
Baltd bonnet, outside screw and yoke
Welded bonnet,outside screw and yoke
- Materials conform to ANSI/ASTM
- Main materials: A105; LF2; F5; F11; F22; F304(L); F316(L);
F347; F321; F51; Monel; Alloy 20# etc..
- Bellow materials: SS304、SS321、SS316、
Inconel 625、Hastelloy C 276、Monel etc.

Bellow Seal Gate/Globe Valve

FVF TECHNOLOGY CO., LIMITED



Short pattern bellow seal globe valve



CL800 Bolted bonnet, full port & reduced port, outside screw and yoke (OS & Y)
 Threaded, butt-welded or socket welded ends; design to BS5352, MSS-SP-117

Specification (NPS)	R.P									
	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	
Face to face(mm)	L	79	79	92	111	120	152	172	200	-
Handwheel diameter (mm)	W	100	100	100	125	160	160	180	200	-
Height(open)(mm)	H	162	162	164	200	220	257	295	350	-
Flow port dimension (mm)	d	7.0	9.0	13	17.5	23	30	35	46	-
Weight(kg)		2.5	2.3	2.4	4.35	5.75	7.8	12.5	17.5	-

CL800 Welded bonnet, full port & reduced port, outside screw and yoke (OS & Y)
 Threaded, butt-welded or socket welded ends; design to BS5352, MSS-SP-117

Specification (NPS)	R.P									
	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	
Face to face(mm)	L	79	79	92	111	120	152	172	200	-
Handwheel diameter (mm)	W	100	100	100	125	160	160	180	200	-
Height(open)(mm)	H	162	162	164	200	220	257	295	350	-
Flow port dimension (mm)	d	7.0	9.0	13	17.5	23	30	35	46	-
Weight(kg)		1.8	1.7	1.9	3.3	5.2	6.8	10.6	13.8	-

CL800 Bolted bonnet, full port & reduced port, outside screw and yoke (OS & Y)
 Threaded, butt-welded or socket welded ends; design to BS5352, MSS-SP-117

Specification (NPS)	R.P									
	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	
Face to face(mm)	L	98	98	98	120	140	140	170	-	-
Handwheel diameter (mm)	W	100	100	100	125	160	160	180	-	-
Height(open)(mm)	H	180	180	180	188	280	280	295	-	-
Flow port dimension (mm)	d	7	9	13	17.5	23	30	35	-	-
Weight(kg)		2.6	2.6	3.8	4.6	9.3	9.3	14	-	-

CL800 Welded bonnet, full port & reduced port, outside screw and yoke (OS & Y)
 Threaded, butt-welded or socket welded ends; design to BS5352, MSS-SP-117

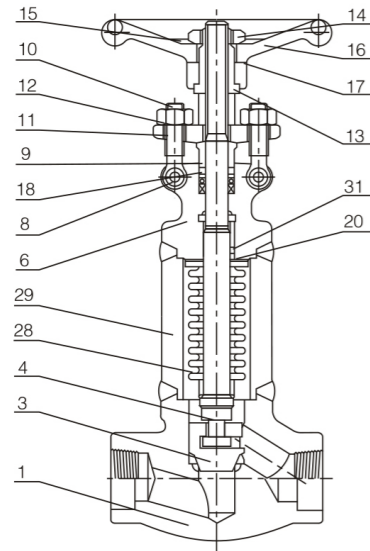
Specification (NPS)	R.P									
	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	
Face to face(mm)	L	98	98	98	120	140	140	170	-	-
Handwheel diameter (mm)	W	100	100	100	125	160	160	160	-	-
Height(open)(mm)	H	198	198	198	207	280	280	295	-	-
Flow port dimension (mm)	d	7	9	13	17.5	23	30	35	-	-
Weight(kg)		1.8	1.8	2.0	3.5	8.0	8.0	12	-	-

Bellow Seal Gate/Globe Valve

FVF TECHNOLOGY CO., LIMITED



Bellow seal globe valve



Application standards

- Design and manufacture conform to: BS5352; MSS-SP-117
- Connection ends conform to:
 - Socket welded ends conform to ANSI B16.11, JB/T1751
 - Screw ends conform to ANSI B1.20.1, JB/T7306
 - Butt-welded ends conform to ANSI B16.25, JB/T12224
 - Flange ends conform to ANSI B16.5, JB79
- Test and inspection conform to: API598; GB/T13927; JB/T9092
- Structure features:
 - Bolted bonnet, outside screw and yoke
 - Welded bonnet, outside screw and yoke
- Materials conform to ANSI/ASTM
- Main materials: A105; F304(L); F316(L); F347; F321
- Bellow materials: SS304, SS321, SS316, Inconel 625, Hastelloy C 276, Monel etc.

Carbon steel temperature-pressure rate

CL150-285 P.S.I @100 °F CL800 - 1975 P.S.I @100 °F
 CL300 - 740 P.S.I @100 °F CL1500 - 3705 P.S.I @100 °F
 CL600 - 1480 P.S.I @100 °F

Material List of Main Parts

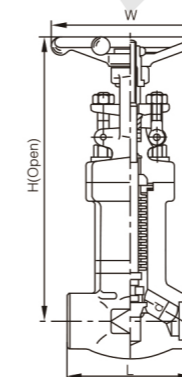
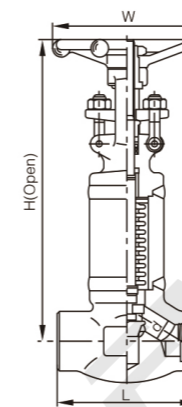
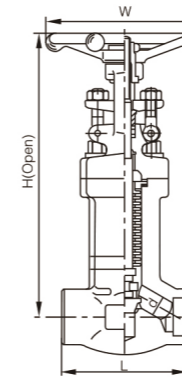
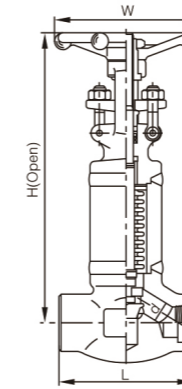
NO	Part Name	A105/F6a	A105/F6aHFS	A105/F6aHF	F304(L)/304(L)	F316(L)/316(L)
1	Body	A105	A105+HF	A105+HF	F304(L)	F316(L)
3	Disc	F6a	F6a	F6aHF	F304(L)	F316(L)
4	Stem	410	410	410	304(L)	316(L)
6	Bonnet	A105	A105	A105	F304(L)	F316(L)
8	Pin	410	410	410	304	304
9	Gland	410	410	410	304	316
10	Gland Eyebolt	B7	B7	B7	B8(M)	B8(M)
11	Gland Flange	A105	A105	A105	F304	F304
12	Hex Nut	2H	2H	2H	8(M)	8(M)
13	Stem Nut	410	410	410	410	410
14	Locking Nut	35	35	35	35	35
15	Nameplate	AL	AL	AL	AL	AL
16	Handwheel	A197	A197	A197	A197	A197
17	Lubricating Gasket	410	410	410	410	410
18	Packing	Graphite	Graphite	Graphite	Graphite	Graphite
28	Bellow	F321	F321	F321	F316	F316L
29	Coupling Pipe	A105	A105	A105	A304(L)	A316(L)
31	Pin	304	304	304	304	316

Bellow Seal Gate/Globe Valve

FVF TECHNOLOGY CO., LIMITED



Bellow seal globe valve



CL800 Welded bonnet, full port & reduced port, outside screw and yoke (OS & Y)
 Threaded, butt-welded or socket welded ends; design to BS5352, MSS-SP-117

specification (NPS)	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	-
Face to face(mm)	L	79	79	92	111	120	152	172	200	-
Handwheel diameter (mm)	W	100	100	100	125	160	160	180	200	-
Height(open)(mm)	H	237	237	239	270	298	340	395	470	-
Flow port dimension (mm)	d	7.0	9.0	13	17.5	23	30	35	46	-
weight(kg)		2.6	2.5	2.7	4.4	6.7	8.8	15	18.5	-

CL800 Bolted bonnet, full port & reduced port, outside screw and yoke(OS & Y)
 Threaded, butt-welded or socket welded ends; design to BS5352, MSS-SP-117

specification (NPS)	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	-
Face to face(mm)	L	79	79	92	111	120	152	172	200	-
Handwheel diameter (mm)	W	100	100	100	125	160	160	180	200	-
Height(open)(mm)	H	237	237	239	270	298	340	395	470	-
Flow port dimension (mm)	d	7.0	9.0	13	17.5	23	30	35	46	-
weight(kg)		3.3	3.7	4.2	5.5	7.25	9.8	16	21	-

CL1500 Welded bonnet, full port outside screw and yoke (OS & Y)
 Threaded, butt-welded or socket welded ends; design to BS5352, MSS-SP-117

specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	Face to face(mm)	L	92	92	111	111	120	152	172
Handwheel diameter (mm)	W	100	100	125	125	160	160	180	200
Height(open)(mm)	H	290	330	380	380	400	450	520	650
Flow port dimension (mm)	d	7	9	12	15	20	28	32	40
weight(kg)		3.3	3.5	5	7.5	10	16	27	30

CL1500 Bolted bonnet, full port outside screw and yoke (OS & Y)
 Threaded, butt-welded or socket welded ends; design to BS5352, MSS-SP-117

specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	Face to face(mm)	L	92	92	111	111	120	152	172
Handwheel diameter (mm)	W	100	100	125	125	160	160	180	200
Height(open)(mm)	H	290	330	380	380	400	450	520	650
Flow port dimension (mm)	d	7	9	12	15	20	28	32	40
weight(kg)		3.3	3.5	5	7.5	10	16	27	30

