FVF TECHNOLOGY CO., LIMITED

Forged Steel Valve

FVF TECHNOLOGY CO., LIMITED

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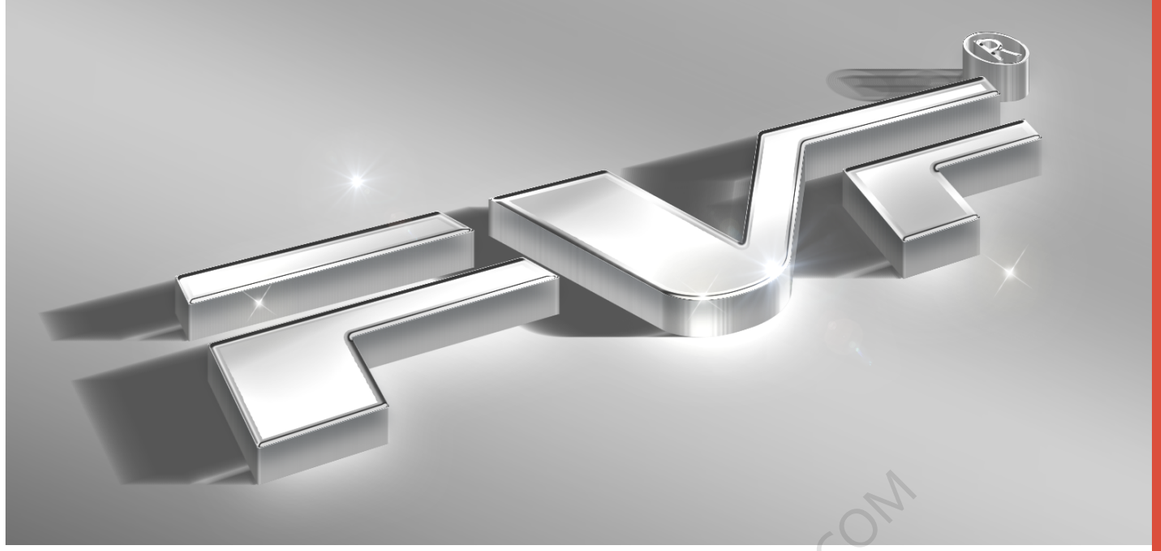
WhatsApp Code

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)

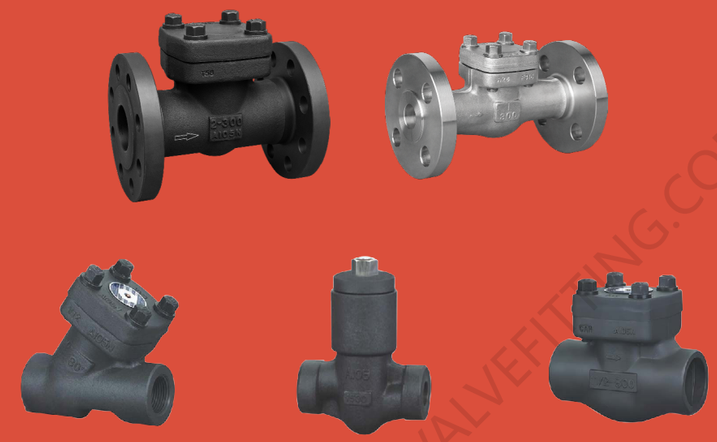
Manual Valve (Check Valve, Gate Valve, Globe Valve etc.)

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

Stainless Steel Flanges

FVF TECHNOLOGY CO., LIMITED

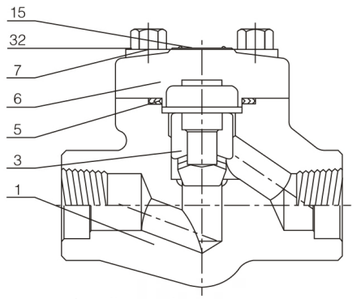
www.flowvalvefitting.com



Forged Steel Check Valve

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

Female threaded and welded check valve



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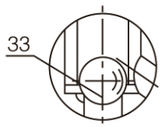
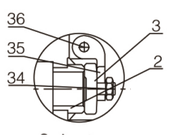


Ball type



Swing type

Application standards

1、Design and manufacture conform to: BS 5352
2、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
3、Test and inspection conform to: API598; GB/T13927; JB/T9092
4、Structure features: Bolted bonnet
5、Materials conform to ANSI/ASTM
6、Main materials:
A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51 ; Monel; Alloy 20# etc.

Carbon steel temperature-pressure rate

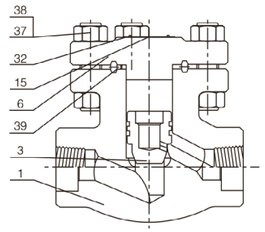
CL150-285 P.S.I @100 °F
CL300-740 P.S.I @100 °F
CL600-1480 P.S.I @100 °F
CL800-1975 P.S.I @100 °F
CL1500-3705 P.S.I @100 °F

Material List of Main Parts

NO.	Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	Body	A105	A105	LF2	F11	F304(L)	F316(L)	F51
2	Seat ring	410	410HF	304	410HF	304(L)	316(L)	F51
3	Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
5	Gasket	304+ Flexible graphite	304+ Flexible graphite	304+ Flexible graphite	304+ Flexible graphite	304+ Flexible graphite	316+ Flexible graphite	316+ Flexible graphite
6	Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
7	Bolt	B7	B7	F7	B16	B8(M)	B8(M)	B8(M)
15	Nameplate	AL	AL	AL	AL	AL	AL	AL
32	Revit	AL	AL	AL	AL	AL	AL	AL
33	Steel ball	430	430	304	STL	F316(L)	316(L)	STL
34	Disc nut	2H	2H	8	8	8(M)	B8(M)	8(M)
35	Hinge	410	410	304	410	316(L)	316(L)	F51
36	Pin	410	410	304	410	304(L)	316(L)	F51

Forged Steel Check Valve
FVF TECHNOLOGY CO., LIMITED

Female threaded and welded check valve



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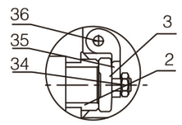
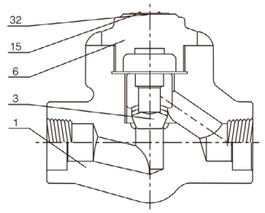


Swing type



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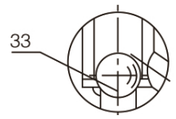


Ball type

Application standards

1、Design and manufacture conform to:
BS 5352 MSS SP-118
2、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
3、Test and inspection conform to: API598; GB/T13927; JB/T9092
4、Structure features:
Bolted bonnet, metal ring gasket welded bonnet
5、Materials conform to ANSI/ASTM
6、Main materials:
A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; Monel; Alloy 20# etc.

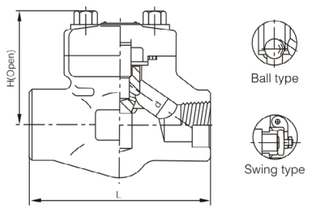
Carbon steel temperature-pressure rate

CL150-285 P.S.I @100 °F
CL300-740 P.S.I @100 °F
CL600-1480 P.S.I @100 °F
CL800-1975 P.S.I @100 °F
CL1500-3705 P.S.I @100 °F
CL2500-3170 P.S.I @100 °F

Material List of Main Parts

NO.	Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	Body	A105	A105	LF2	F11	F304(L)	F316(L)	F51
2	Seat ring	410	410HF	304	410HF	304(L)	316(L)	F51
3	Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
6	Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
15	Nameplate	AL	AL	AL	AL	AL	AL	AL
32	Revit	AL	AL	AL	AL	AL	AL	AL
33	Steel ball	430	430	304	STL	316(L)	316(L)	STL
34	Disc nut	2H	2H	8	8	8(M)	8(M)	8M
35	Hinge	410	410	304	410	316(L)	316(L)	F51
36	Pin	410	410	304	410	304(L)	316(L)	F51
37	Screwed stud	B7	B7	L7	B16	B8(M)	B8(M)	B8(M)
38	Nut	2H	2H	8	8	8(M)	8(M)	8(M)
39	Metal ring	304	304	304	304	304(L)	316(L)	F51

Female threaded and welded check valve



Ball type

Swing type

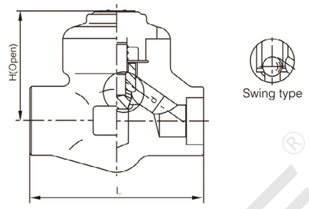
CL800

Bolted bonnet, full port & reduced port
Threaded, butt-welded or socket welded ends; design to BS5352

Specification (NPS)			-	1/2	3/4	1	1¼	1½	2	2½
	R.P									
	F.P		1/4	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	L	Lift	79	79	92	111	120	152	172	200
		Swing	79	79	92	111	120	120	140	178
Height(open)(mm)	W	Lift	61	61	61	78	84	84	118	132
		Swing	61	61	61	78	84	84	120	133
Flow port dimension (mm)	d	Lift	7	9	13	17.5	23	30	35	46
		Swing	8	10.5	13.5	18	24	29	36.5	45
Weight(kg)		Lift	1.2	1.5	1.7	3.3	4.2	4.2	10.5	12.5
		Swing	1.4	1.5	1.7	3.3	4.2	4.2	8.5	10.9

CL800

Welded bonnet, full port & reduced port
Threaded, butt-welded or socket welded ends; design to BS5352

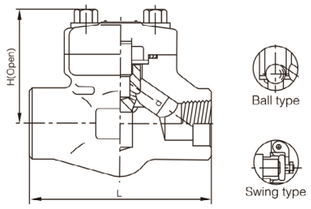


Swing type

Specification (NPS)	R.P	-	1/2	3/4	1	1¼	1½	2	2½
	F.P	1/4	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	L	79	79	92	111	120	152	172	220
Height(open)(mm)	H	61	61	61	78	84	103	118	132
Flow port dimension (mm)	d	7	9	13	17.5	23	30	35	46
Weight(kg)		1.2	1.3	1.5	3.0	3.9	6.0	10	12

CL900-CL1500

Bolted bonnet, full port & reduced port
Threaded, butt-welded or socket welded ends; design to BS5352

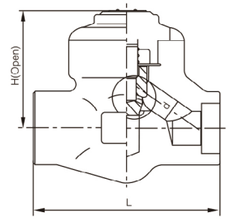


Ball type

Swing type

Specification (NPS)				1/2	3/4	1	1¼	1½	2	
	R.P									
	F.P		1/4	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	L	Lift	92	111	111	120	152	172	220	
		Swing	92	111	111	120	120	140	178	
Height(open)(mm)	H	Lift	61	78	78	84	103	118	132	
		Swing	61	78	78	84	101	120	133	
Flow port dimension (mm)	d	Lift	7	12	15	20	28	32	40	
		Swing	8	10.5	13.5	18.7	24	29	45	
Weight(kg)		Lift	1.5	3.4	3.3	4.2	6.3	10.5	12.5	
		Swing	1.5	3.4	3.3	4.2	5.0	8.5	10.9	

Female threaded and welded check valve




Ball type

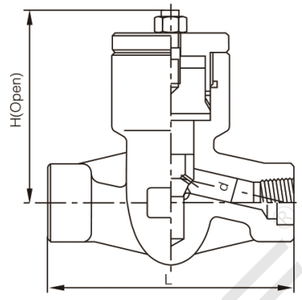
CL900-CL1500

Welded bonnet, full port & reduced port
Threaded, butt-welded or socket welded ends; design to BS5352

Specification (NPS)	R.P		1/2	3/4	1	1¼	1½	2	
	F. P	1/4	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	L	92	111	111	120	152	172	220	
Height(open)(mm)	H	61	78	78	84	103	118	132	
Flow port dimension (mm)	d	7	12	15	20	28	32	40	
Weight(kg)		1.3	3.1	3.1	3.9	5.8	10.0	11.5	

CL900-CL1500

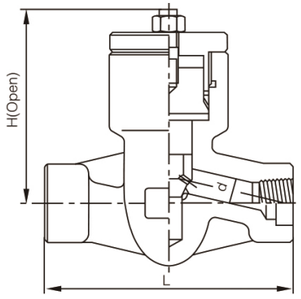
Pressure seal bonnet, full port & reduced port
Threaded, butt-welded or socket welded ends; design to BS5352



Specification (NPS)	R.P	-	1/2	3/4	1	1¼	1½	2	2½	3
	F.P	1/4	3/8	1/2	3/4	1	1¼	1½	2	2½
Face to face(mm)	L		140	140	140	178	216	216		
Height(open)(mm)	H		117	117	117	152	195	195		
Flow port dimension (mm)	d		12	15	20	28	28	40		
Weight(kg)			7.5	7.0	6.8	18.5	18.5	22		

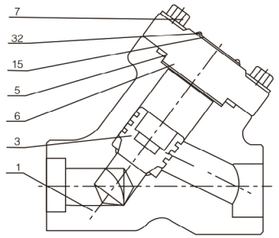
CL2500

Pressure seal bonnet, full port
Threaded, butt-welded or socket welded ends; design to ASME B16.34



Specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	L			186	186	186	232	232	279
Height(open)(mm)	H			117	117	117	152	150	195
Flow port dimension (mm)	d			11	14	14	25	28	35
Weight(kg)				11.8	11	11	23	26.4	39

Female threaded and welded Y type check valve



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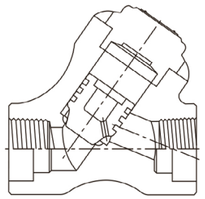


Application standards

1、Design and manufacture conform to:
BS5352 MSS SP-118
2、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
3、Test and inspection conform to: API 598;
GB/T13927; JB/T9092
4、Structure features: Bolted bonnet, welded bonnet
5、Materials conform to ANSI/ASTM
6、Main materials :
A105; LF2; F5; F11; F22; F304(L); F316(L);
F347; F321; F51; Monel; Alloy 20# etc.

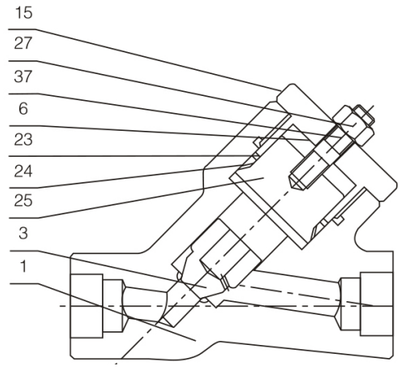
Carbon steel temperature-pressure rate

CL1500-3705 P.S.I @100° F
CL2500-6170 P.S.I @100° F
CL4500-1111 P.S.I @100° F

Material List of Main Parts

NO.	Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	Body	A105	A105	LF2	F11+HF	F304(L)	F316(L)	F51
3	Disc	410	410HF	304	410HF	304(L)	316(L)	F51
5	Gasket	304+ Flexible graphite	304+ Flexible graphite	304+ Flexible graphite	304+ Flexible graphite	304+ Flexible graphite	316+ Flexible graphite	316+ Flexible graphite
6	Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
7	Bolt	B7	B7	F7	B16	B8(M)	B8(M)	B8(M)
15	Nameplate	AL	AL	AL	AL	AL	AL	AL
32	Revit	AL	AL	AL	AL	AL	AL	AL
33	Steel ball	403	403	304	STL	316(L)	316(L)	STL

Y Type pressure seal check valve



Application standards

1、Design and manufacture conform to:
ASME B16.34, MSS SP-118
2、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
3.Test and inspection conform to:
API 598; GB/T13927; JB/T9092
4、Structure features: A threaded and pressure seal bonnet;
Y type and T type
5、Materials conform to ANSI/ASTM
6、 Main materials :
A105; LF2; F5; F11; F22; F304(L); F316(L);
F347; F321; F51; Monel; Alloy 20# etc.

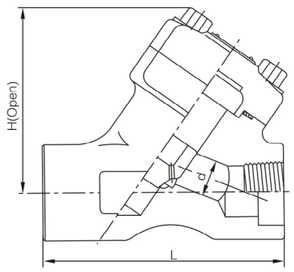
Carbon steel temperature-pressure rate

CL1500-3705 P.S.I @100 °F
CL2500-6170 P.S.I @100 °F
CL4500-1111 P.S.I @100 °F

Material List of Main Parts

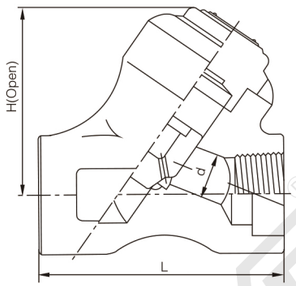
NO.	Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	Body	A105	A105+HF	LF2	F11+HF	F304(L)	F316(L)	F51
3	Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
6	Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
15	Nameplate	AL	AL	AL	AL	AL	AL	AL
23	Seal ring gasket	420	420	304	304	304(L)	316(L)	41
24	P.S.ring	304	304	304	304	316L	316L	316L
25	P.S.seat	F410	F410	F304	F410	F304	F316	F51
27	Lift nut	2H	2H	8	8	8(M)	8(M)	8M
37	Lift sutd	B7	B7	L7	B16	B8(M)	B8(M)	B8M

Y Type check valve



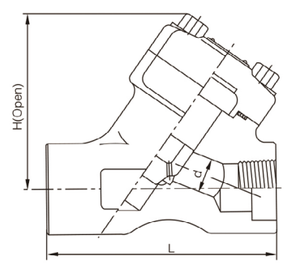
CL800 Bolted bonnet, full port & reduced port
Threaded, butt-welded or socket welded ends; design to BS5352

specification (NPS)	R . P	-	1/2	3/4	1	1¼	1½	2	2½	3
	F. P	1/4	3/8	1/2	3/4	1	1¼	1½	-	-
Face to face(mm)	L	98	98	98	120	140	140	170	-	-
Height(open)(mm)	H	70	100	70	100	110	120	120	-	-
Flow port dimension (mm)	d	7	180	13	17.5	23	30	35	-	-
Weight(kg)		2.2	9	2.1	4.2	9	8.9	10	-	-



CL800 Welded bonnet, full port & reduced port
Threaded, butt-welded or socket welded ends; design to BS5352

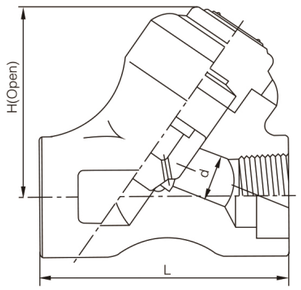
specification (NPS)	R . P	-	1/2	3/4	1	1¼	1½	2	2½	3
	F. P	1/4	3/8	1/2	3/4	1	1¼	1½	-	-
Face to face(mm)	L	98	98	98	120	140	140	170	-	-
Height(open)(mm)	H	65	65	65	95	105	110	110	-	-
Flow port dimension (mm)	d	7	9	13	17.5	23	30	35	-	-
Weight(kg)		1.8	1.8	2.0	3.5	8.0	8.0	12	-	-



CL900-CL1500 Bolted bonnet, full port
Threaded, butt-welded or socket welded ends; design to BS5352

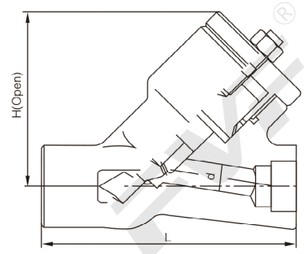
specification (NPS)	F . P	3/8	1/2	3/4	1	1¼	1½	2	2½
Face to face(mm)	L	120	120	120	140	170	170	220	-
Height(open)(mm)	H	70	70	100	110	110	120	150	-
Flow port dimension (mm)	d	9	12	15	20	28	32	40	-
Weight(kg)		2.1	4.2	9	8.9	10	18.6	20	-

Y Type check valve



CL900-CL1500 Welded bonnet, full port
Threaded, butt-welded or socket welded ends; design to BS5352

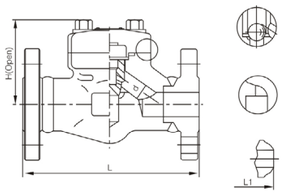
Specification (NPS)	F.P	3/8	1/2	3/4	1	1¼	1½	2	2½
Face to face(mm)	L	120	120	120	140	170	170	220	-
Height(open)(mm)	H	65	65	65	105	110	110	140	-
Flow port dimension (mm)	d	9	12	15	20	28	32	40	-
Weight(kg)		2.0	3.5	3.5	8.0	12	12	18	-



CL2500 Pressure seal bonnet, full port
Threaded, butt-welded or socket welded ends; design to ASME B16.34

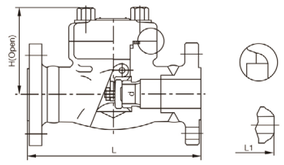
Specification (NPS)	F.P	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	L	186	186	186	186	232	232	310
Height(open)(mm)	H	233	233	233	233	256	256	330
Flow port dimension (mm)	d	9	11	14	19	25	28	35
Weight(kg)		11.2	11.5	10.6	10.8	25	22	39

Flange and butt-welded check valve



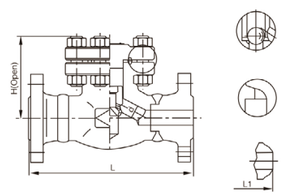
CL150-300-600 Bolted bonnet, full port
Flange or butt - welded ends; design to BS5352

Specification(NPS)	F.P		1/4	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	CL150	L(RF) L1(BW)	-	-	108	118	127	140	165	203
	CL300		-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
Height (open)(mm)	CL150	H	-	-	77	81	93	95	103	118
	CL300/CL600		-	-	61	78	84	101	120	133
Flow port dimension(mm)		d	-	-	10	13	17.5	23	30	35
Weight (kg)	CL150		-	-	3.6	4.6	8.5	9.2	12.5	14.8
	CL300		-	-	3.0	3.6	7.6	8.5	11.3	13.6
	CL600		-	-	3.7	4.8	8.8	9.6	13.7	17.8
			-	-	3.2	4.3	8.0	8.6	12.7	16.2
			-	-	4.0	5.8	9.5	10.4	15.6	24.5
			-	-	3.4	5.1	8.8	9.2	14.8	22.5



CL150-300-600 Bolted bonnet, full port
Flange or but - welded ends; design to BS5352

Specification(NPS)	F.P		1/4	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	CL150	L(RF) L1(BW)	-	-	108	118	127	140	165	203
	CL300		-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
Height (open)(mm)	CL150	H	-	-	77	81	93	95	103	118
	CL300/CL600		-	-	61	78	84	101	120	133
Flow port dimension(mm)		d	-	-	10	13.5	18	24	29	36.5
Weight (kg)	CL150		-	-	3.6	4.6	8.5	9.2	12.5	14.8
	CL300		-	-	3.0	3.6	7.6	8.5	11.3	13.6
	CL600		-	-	3.7	4.8	8.8	9.6	13.7	17.8
			-	-	3.2	4.3	8.0	8.6	12.7	16.2
			-	-	4.0	5.8	9.5	10.4	15.6	24.5
			-	-	3.4	5.1	8.8	9.2	14.8	22.5

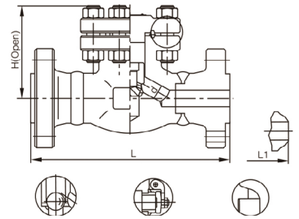


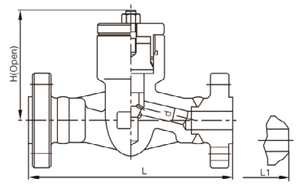
CL150-300-600 Bolted bonnet, full port
Flange or butt - welded ends; design to BS5352

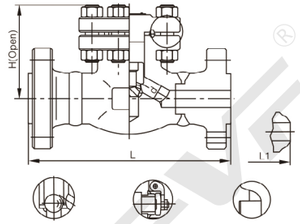
Specification(NPS)	F.P		1/4	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	CL150	L(RF) L1(BW)	-	-	108	118	127	140	165	203
	CL300		-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
Height (open)(mm)	CL150	H	-	-	77	81	93	95	103	118
	CL300/CL600		-	-	61	78	84	101	120	133
Flow port dimension(mm)		d	-	-	10	13	17.5	23	30	35
Weight (kg)	CL150		-	-	3.2	3.5	4.6	5.2	7.0	16
	CL300		-	-	2.8	3.0	4.0	4.6	6.3	15
	CL600		-	-	4.6	6.1	9.1	12	16	21
			-	-	4.1	5.7	8.6	11.2	14.5	19.5
			-	-	4.8	6.3	9.3	13	16.5	22
			-	-	4.4	5.9	8.7	12.1	15.8	20.8

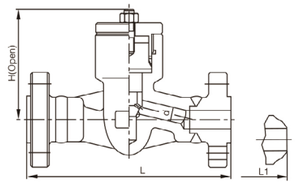
Forged Steel Check Valve
FVF TECHNOLOGY CO., LIMITED

Flange and butt-welded check valve









CL900-CL1500 Bolted bonnet, full port
Flange or butt - welded ends; design to BS5352

Specification(NPS)	F.P		1/2	3/4	1	1¼	1½	2
Face to face(mm)	L(RJ)L1(BW)		216	229	254	280	305	371
Height(open)(mm)	H		81	93	95	101	118	130
Flow port dimension (mm)	d	Lift	12	15	20	28	32	40
		Swing	13.5	18	24	29	36.5	45
Weight(kg)		Lift	5.2	6.8	10.5	28	18	24
		Swing	5.0	6.1	10.8	29	17.6	27

CL900-CL1500 Pressure seal bonnet, full port
Flange or butt - welded ends; design to BS5352

Specification(NPS)	F.P	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	L(RJ)L1(BW)	-	216	229	254	280	305	268
	L(RTJ)	-	216	229	254	280	305	371
Height(open)(mm)	H	-	117	117	117	152	152	195
Flow port dimension (mm)	d	-	12	15	20	28	32	40
Weight(kg)		-	10.5	11.9	13.9	19.9	26.9	32.5

CL2500 Bolted bonnet, full port
Flange or butt-welded ends; design to ASME B16.34

Specification(NPS)	F.P		1/2	3/4	1	1¼	1½	2
Face to face(mm)	L(RJ)L1(BW)		264	273	308	349	384	450
	L(RTJ)		264	273	308	352	387	454
Height(open)(mm)	H		81	93	95	101	118	130
Flow port dimension (mm)	d	Lift	12	15	20	28	32	40
		Swing	10.5	13.5	18	24	29	36.5
Weight(kg)		Lift	17	21	28	14.5	58	85
		Swing	5.0	6.1	10.8	11.2	17.6	27

CL2500 Pressure seal bonnet, full port
Flange or butt - welded ends; design to ASME B16.34

Specification(NPS)	F.P	3/8	1/2	3/4	1	1¼	1½	2
Face to face(mm)	L(RJ)L1(BW)	-	264	273	308	349	384	450
	L(RTJ)	-	264	273	308	352	387	454
Height(open)(mm)	H	-	117	117	117	152	152	195
Flow port dimension (mm)	d	-	12	15	20	32	28	40
Weight(kg)		-	12.6	14.9	16.5	24.8	30	35

Note :

Forged Steel Check Valve
FVF TECHNOLOGY CO., LIMITED