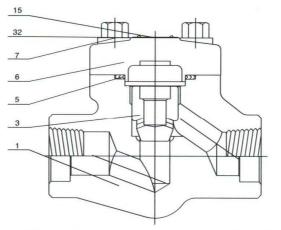


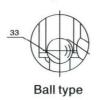
FORGED CHECK VALVE

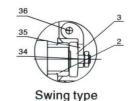






Please mark in you offer if you need load spring





Application standards

- 1, Design and manufacture conform to BS5352 MSS SP-118;
- 2. Connection end conform to:
 - 1)Scoket 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)Flanged ends conform to ANSI B16.5; JB79
- Test and inspection conform to: API 598;GB/T13927;JB/T9092
- 4, Structure features:

Bolted bonnet

- 5, Materials conform to ANSI/ASTM.
- 6, Main materials:

A105;LF2;F5;F11;F22;304(L);316(L);F347; F321;F51;Monel;20 Alloy.

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

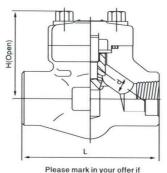
CL800-1975 P.S.I @ 100° F

CL1500-3705 P.S.I @ 100° F

Main part materials list

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	316+ Flexible graphite	316+ Flexible graphite				
6	Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
7	Bolt	B7	В7	L7	B16	B8(M)	B8(M)	B8M
15	Nameplate	AL						
32	Revit	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









Please mark in your offer if you need load spring

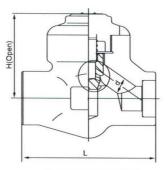
Bolted bonnet, full port and reducing port CL800 Threaded butt-welded or socket welded ends conform to Bs5352

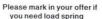
Specification	R.P			1/2	3/4	1	11/4	11/2	2	21/2
(NPS)	F.P		1/4	3/8	1/2	3/4	1	11/4	11/2	2
Face toface	L	Lift	79	79	92	111	120	152	172	200
i ace totace	_	Swing	79	79	92	111	120	120	140	178
Height	Н	Lift	61	61	61	78	84	84	118	132
rieignt	П	Swing	61	61	61	78	84	84	120	133
Height (angle di		Lift	7	9	13	17.5	23	30	35	46
mension)	nension) d	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
Weight(Ng)		Swing	1.4	1.5	1.7	3.3	4.2	4.2	8.5	10.9

CL800

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

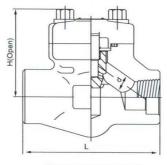
Specification	R.P		1/2	3/4	1	11/4	11/2	2	21/2
(NPS)	F.P	1/4	3/8	1/2	3/4	1	11/4	11/2	2
Face to face	L	79	79	92	111	120	152	172	200
Height	н	61	61	61	78	84	103	118	132
Height (angle di mension)	d	7	9	13	17.5	23	30	35	46
Weight(Kg)		1.2	1.3	1.5	3.0	3.9	6.0	10	12





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

Specification	R.P			1/2	3/4	1	11/4	11/2	2	21/2
(NPS)	F.P		1/4	3/8	1/2	3/4	1	11/4	11/2	2
	L	Lift	92	111	111	120	152	172	200	
		Swing	92	111	111	120	120	140	178	
Height	Н	Lift	61	78	78	84	103	118	132	
Troigin	П	Swing	61	78	78	84	101	120	133	
Height (angle dimension)		Lift	7	12	15	20	28	32	40	
rieigiit (aligie dillielisioli)	d	Swing	8	10.5	13.5	18	24	29	45	3
Weight(Kg)		Lift	1.5	3.4	3.3	4.2	6.3	10.5	12.5	
weight(Kg)		Swing	1.5	3.4	3.3	4.2	5.0	8.5	10.9	







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

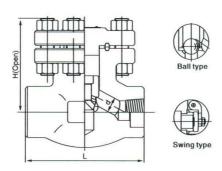
Specification	R.P		1/2	3/4	1	11/4	11/2	2	21/2
(NPS)	F.P	1/4	3/8	1/2	3/4	1	11/4	11/2	2
Face to face	L	92	111	111	120	152	172	200	
Height	Н	61	78	78	84	103	118	132	
Height (angle dimension)	d	7	12	15	20	28	32	40	
Weight(Kg)		1.3	3.1	3.1	3.9	5.8	10.0	11.5	









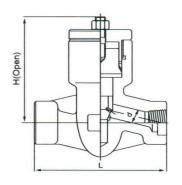


CL900-CL1500 Bolted bonnet, full port and reducing port Threaded, butt-welded or socket welded ends conform to BS5352

Specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	11/4	11/2	2
Face to face	L	110	110	110	110	150	150	210	235
Height	н	166	166	171	207	240	258	330	355
Height (angle	Lift	9	10	12	15	20	28	32	40
dimension)	Swing	8	10.5	13.5	18	24	29	36.5	45
Weight(Kg)	Lift	2	2.1	1.9	4	5.1	7.2	12.1	14
weight(Ng)	Swing	1.9	2.3	2.3	4.35	5.25	7.8	12.5	14.6

CL900-CL1500 Pressure seal bonnet, full port and reducing port Threaded, butt-welded or socket welded ends; design to BS5352

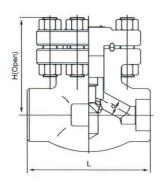
Specification	R.P	-	1/2	3/4	1	11/4	11/2	2	21/2	3
(NPS)	F.P	F.P 1/4	3/8	1/2	3/4	1	11/4	11/2	2	21/2
Face to face	ı	_	140	140	140	178	216	216		
Height	H	Н		117	117	152	195	195		
Height (angle dimension)	(d		15	20	28	32	40		
Weight(K	(g)		7.5	7.0	6.8	18.5	20.3	22		



Bolted bonnet, full port

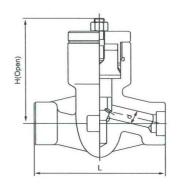
CL2500 Bolted bonnet, full port
Threaded, butt-welded or socket welded ends; design to ASME B16.34

Specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	11/4	11/2	2
Face to face	L	150	150	150	150	210	235	235	235
Height	Н	166	166	171	207	240	258	330	355
Height (angle dimension)	d	7.5	10.5	11	14	19	25	28	35
Weight(Kg	1)	1.9	2.3	17	46	62	73	58	85

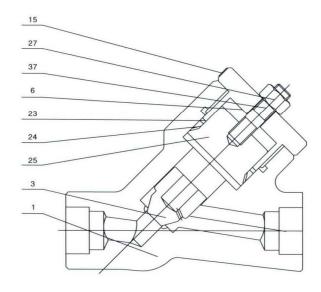


CL2500 Pressure seal bonnet, full port Threaded, butt-welded or socket welded ends design to ASME B16.34

Specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	11/4	11/2	2
Face to face	L			186	186	186	232	232	279
Height	Н			117	117	117	152	152	195
Height (angle dimension)	d			11	14	19	25	28	35
Weight(Ko	9)			11.8	11	10.5	23	26.4	39







Application standards

- 1. Design and manufacture conform to ASME B16.34MSS SP-118;
- 2. Connection end conform to:
 - 1)Scoket welded end 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)Flanged ends conform to ANSI B16.5;JB79
- 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;304(L);316(L);F347; F321;F51;Monel;20 Alloy.

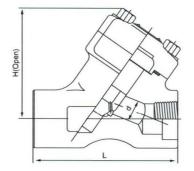
Carbon steel temperature-pressure rate

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

Main part materials list

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)	410
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 stud	В7	В7	L7	B16	B8(M)	B8(M)	В8М



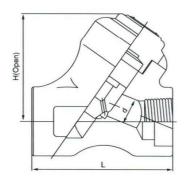


Bolted bonnet, full port and reducing port Threaded, butt-welded or socket welded ends; design to BS5352 CL800

Specification	R.P		1/2	3/4	1	11/4	11/2	2	11/2	3
(NPS)	F.P	1/4	3/8	1/2	3/4	1	11/4	11/2	2	21/2
Face to face	L	98	98	98	111	140	140	155	170	
Height	Н	70	70	70	100	110	120	120	150	
Height(angle di mension)	d	7	10	13	17.5	23	30	35	46	
Weight(Kg)		2.2	2.2	2.1	4.2	9	8.9	10	18.6	

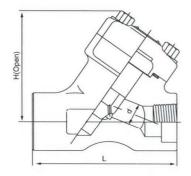
CL800 Welded bonnet, full port and reducing port Threaded, butt-welded or socket welded ends; design to BS5352

Specification	R.P		1/2	3/4	1	11/4	11/2	2	11/2	3
(NPS)	F.P	1/4	3/8	1/2	3/4	1	11/4	11/2	2	21
Face to face	L	79	79	92	100	140	140	155	170	
Height	Н	65	65	65	95	105	110	110	140	
Height(angle di mension)	d	7	10	13	17.5	23	30	35	46	
Weight(Kg)		1.8	1.8	2.0	3.5	8.0	8.0	12	16	1



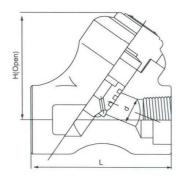
CL900-CL1500 Bolted bonnet, full port Threaded,butt-welded or socket welded ends;design to BS5352

Specification (NPS)	F.P	3/8	1/2	3/4	1	11/4	11/2	2	
Face to face	L	98	111	111	140	140	155	170	
Height	Н	70	70	100	110	110	120	150	
Height(angle di mension)	d	9	12	15	20	28	32	40	
Weight(K	g)	2.1	4.2	9	8.9	10	18.6	20	

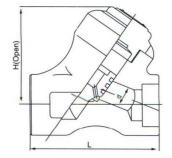


CL900-CL1500 Welded bonnet, full port Threaded,butt-welded or socket welded ends;design to BS5352

Specification (NPS)	F.P	3/8	1/2	3/4	1	11/4	11/2	2	
Face to face	L	92	100	100	140	140	155	170	
Height	Н	65	65	65	105	110	110	140	
Height(angle di mension)	d	9	12	15	20	32	28	40	
Weight(Kg)	2.0	3.5	3.5	8.0	12	12	18	







CL2500

Welded bonnet, full port

Threaded, butt-welded or socket welded ends; design to ASMEB16.34

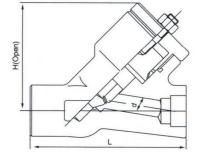
Specification (NPS)	F.P	3 /8	1/2	3/4	1	11/4	11/2	2
Face to face	L	186	186	186	186	232	232	310
Height	н	115	115	120	150	150	150	160
Height(angle di mension)	d	9	11	14	19	25	28	35
Weight(Kg)		11.2	11.5	10.6	10.8	25	22	39

CL2500

Pressure seal, bolted 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	11/4	11/2	2
Face to face	L	186	186	186	186	232	232	310
Height	Н	233	233	233	233	256	256	330
Height(angle dimension)	d	9	11	14	19	25	28	35
Weight(Kg	g)	11.2	11.5	10.6	10.8	25	22	39

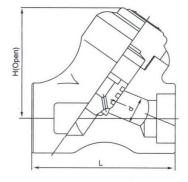


CL4500

Welded bonnet, full port

Threaded, butt-welded or socket welded ends; design to ASME B16.34

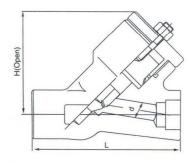
Specification (NPS)	F.P	3 /8	1/2	3/4	1	11/4	11/2	2
Face to face	L	155	155	155	155		225	225
Height	Н	120	120	120	145		160	160
Height(angle dimension)	d	9	11	11	15		26	28
Weight(K	g)	8.7	8.7	8.7	8		16.5	16



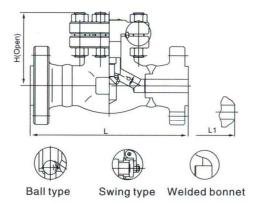
Pressure seal, bolted bonnet, full port

CL4500 Pressure seal, bolted 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	11/4	11/2	2
Face toface	L	200	200	200	200	250	250	330
Height	Н	140	140	140	140	160	160	180
Height(angle dimension)	d	9	11	11	15	20	26	28
Weight(Ko	j)	20	20	20	20	28	28	45





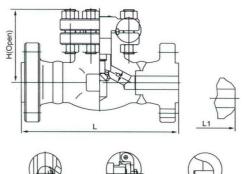


CL900-CL1500 Bolted bonnet, full port Flange-welded or butt-welded ends; design to BS5352

Specification(NPS)		F.P	1/2	3/4	1	11/4	11/2	2
Face to face	L	L(RJ) L1(BW)		229	254	280	305	371
Height	н		81	93	95	101	118	130
Height	d	Lift	12	15	20	28	32	40
(angle dimension)	u	Swing	13.5	18	24	29	36.5	45
\Mainht/(<=)		Lift		6.8	10.5	28	18	24
Weight(Kg)		Swing	5.0	6.1	10.8	29	17.6	27

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

Specification(NPS)	F.P	3/8	1/2	3/4	1	11/4	11/2	2
Face to face	L(RF),L1(BW)		216	229	254	280	305	268
r ace to lace	L(RTJ)		216	229	254	280	305	371
Height H Height (Angle dimension)			117	117	117	152 28	152	195
			12	15	20			40
Weight	t(Kg)		10.5	11.9	13.9	19.9	26.9	32.5



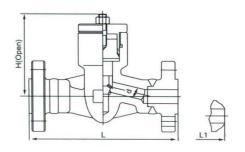
Cl2500 Bolted bonnet, full port Flange-welded or butt-welded ends; design to ASME B16.34

	Specification(NPS)	1	F.P	1/2	3/4	1	11/4	11/2	2	
	Face to face	L(RF),L1(BW)	264	273	308	349	384	450	
		L	(RTJ)	264	273	308	352	387	454	
	Height		н	81	93	95	101	118	130	
	Height	D	Lift	12	15	20	28	32	40	
L	(angle dimension)		Swing	10.5	13.5	18	24	29	36.5	
.	Weight(Kg)		Lift	17	21	28	14.5	58	85	
. [rroight(rtg)	S	wing	5.0	6.1	10.8	11.2	17.6	27	



Welded bonnet

Cl2500 pressure seal, bolted bonnet, full port Flange-welded or butt-welded ends; design to ASME B16.34



Specification(NPS)	F.P	3/8	1/2	3/4	1	11/4	11/2	2
Face to face	L(RF),L1(BW)		264	273	308	349	384	450
race to lace	L(RTJ)		264	273	308	352	387	454
Height H			117	117	117	152	152	195
Height (Angle dimension)		12	15	20	32	28	40	
Weight(Kg	Weight(Kg)				16.5	24.8	30	35