

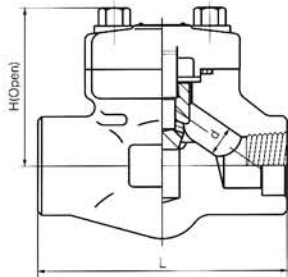


# Fumagalli S.p.A

Milano - Roma - Italy

**V A L V E S**

Female Threaded and  
Socket Welded Check Valves



Ball type

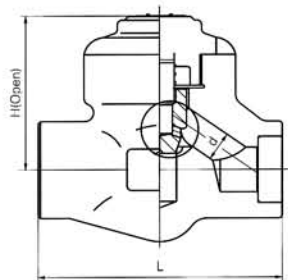


Swing type

Please mark in you offer if  
you need load spring

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

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	2
Face to face	L	Lift	79	79	92	111	120	152	172	200
		Swing	79	79	92	111	120	120	140	178
Height	H	Lift	61	61	61	78	84	84	118	132
		Swing	61	61	61	78	84	84	120	133
Height (angle dimension)	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

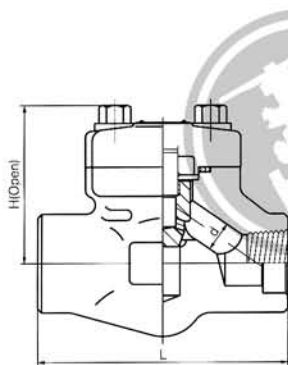


Ball type

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you need load spring

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

Specification (NPS)	R.P		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	
	F.P		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to face	L		79	79	92	111	120	152	172	200
Height	H		61	61	61	78	84	103	118	132
Height (angle dimension)	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



Ball type

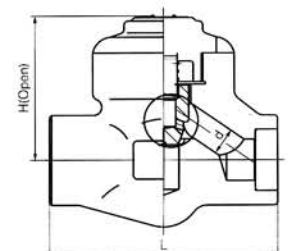


Swing type

Please mark in you offer if  
you need load spring

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

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	L	Lift	92	111	111	120	152	172	200
		Swing	92	111	111	120	120	140	178
Height	H	Lift	61	78	78	84	103	118	132
		Swing	61	78	78	84	101	120	133
Height (angle dimension)	d	Lift	7	12	15	20	28	32	40
		Swing	8	10.5	13.5	18	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



Ball type

Please mark in you offer if  
you need load spring

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

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	L		92	111	111	120	152	172	200
Height	H		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



# Fumagalli S.p.A

Milano - Roma - Italy

**V A L V E S**

Female Threaded and  
Socket Welded Check Valves



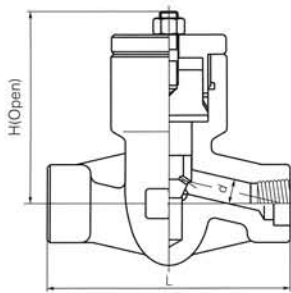
## CL900-CL1500

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

Specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to face	L	110	110	110	110	150	150	210	235
Height	H	166	166	171	207	240	258	330	355
Height (angle dimension)	d Lift	9	10	12	15	20	28	32	40
	d 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
	Swing	1.9	2.3	2.3	4.35	5.25	7.8	12.5	14.6

## CL900-CL1500

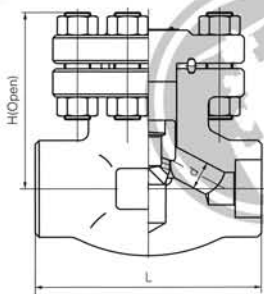
Pressure seal bonnet, full port and reducing port  
Threaded, butt-welded or socket welded ends; design to BS5352



Specification (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	2 1/2
Face to face	L	140	140	140	178	216	216			
Height	H	117	117	117	152	195	195			
Height (angle dimension)	d	12	15	20	28	32	40			
Weight(Kg)		7.5	7.0	6.8	18.5	20.3	22			

## CL2500

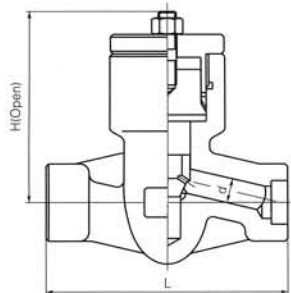
Bolted bonnet, full port  
Threaded, butt-welded or socket welded ends; design to ASME B16.34



Specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to face	L	150	150	150	150	210	235	235	235
Height	H	166	166	171	207	240	258	330	355
Height (angle dimension)	d	7.5	10.5	11	14	19	25	28	35
Weight(Kg)		1.9	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	1 1/4	1 1/2	2
Face to face	L			186	186	186	232	232	279
Height	H			117	117	117	152	152	195
Height (angle dimension)	d			11	14	19	25	28	35
Weight(Kg)				11.8	11	10.5	23	26.4	39

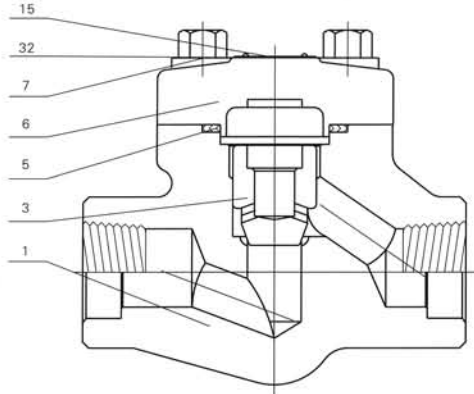


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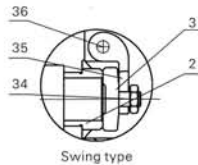
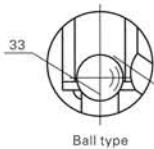
Milano - Roma - Italy

**V A L V E S**

Female Threaded and  
Socket Welded Check Valves



Please mark in you offer if you need load spring



### 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)Flanged ends conform to ANSI B16.5;JB79
- 3、 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	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	L7	B16	B8(M)	B8(M)	B8M
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

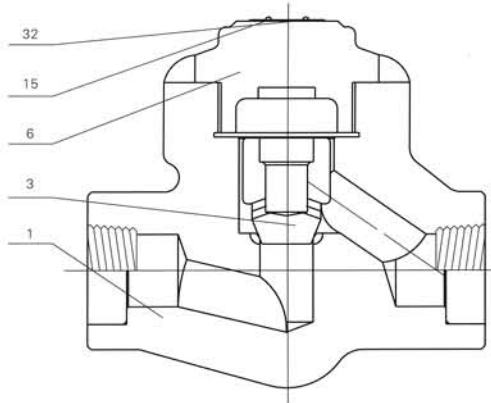


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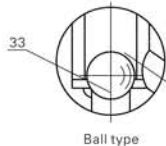
Milano - Roma - Italy

**V A L V E S**

Female Threaded and  
Socket Welded Check Valves



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### Application standards

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  - 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)Flanged ends conform to ANSI B16.5;JB79
- 3、 Test and inspection conform to:
  - API 598; GB/T13927; JB/T9092
- 4、 Structure features:
  - Welded 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
- CL2500–6170 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+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
32	Revit	AL	AL	AL	AL	AL	AL	AL
33	Steel ball	304	304	304	304	304(L)	316(L)	F51

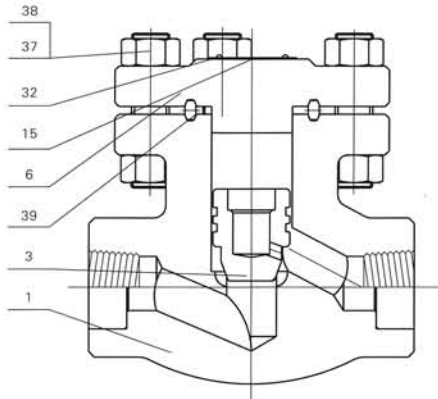


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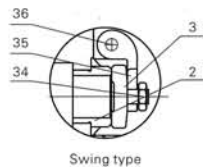
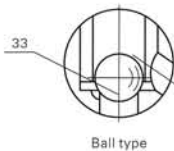
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V A L V E S

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Socket Welded Check Valves



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### Application standards

- 1、 Design and manufacture conform to BS5352 MSS SP-118;
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  - 1)Socket welded ends conform to ANSI B16.11;JB/T1751
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  - 3)Butt-welded ends conform to ANSI B16.25;JB/T12224
  - 4)Flanged ends conform to ANSI B16.5;JB79
- 3、 Test and inspection conform to:  
API 598; GB/T13927; JB/T9092
- 4、 Structure features:  
Gasket for bonnet connect adopt metal ring,  
Bolted bonnet, Welded 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
- CL2500-6170 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
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