

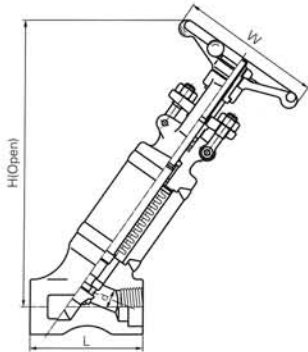


# Fumagalli S.p.A

Milano - Roma - Italy

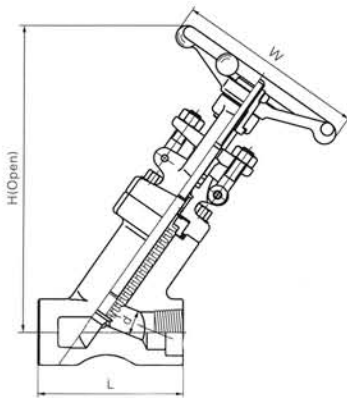
**V A L V E S**

Y type Bellow Globe Valves



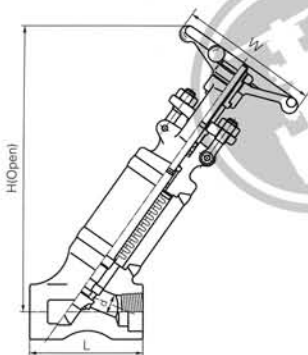
**CL800** Welded bonnet, full port & reducing port outside screw and yoke(OS & Y)  
Threaded, butt-welded or socket welded ends; design to BS5352\MSS-SP-117

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	2 1/2
Face to face	L	79	79	92	100	140	140	155	170	
Handwheel diameter	W	100	100	100	125	160	160	180	200	
Height	H	237	237	239	270	298	340	395	470	
Height(angle dimension)	d	7	9	13	17.5	23	30	35	46	
Weight(Kg)		2.6	2.6	2.8	4.6	9.5	10.0	15.5	21	



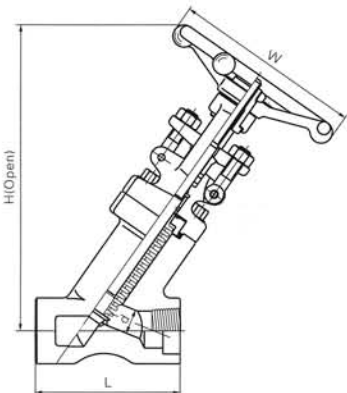
**CL800** Bolted bonnet, full port & reducing port outside screw and yoke(OS & Y)  
Threaded, butt-welded or socket welded ends; design to BS5352\MSS-SP-117

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	2 1/2
Face to face	L	98	98	98	111	140	140	155	170	
Handwheel diameter	W	100	100	100	125	160	160	180	200	
Height	H	240	240	240	260	350	350	380	450	
Height(angle dimension)	d	7	9	13	17.5	23	30	35	46	
Weight(Kg)		3.1	3.1	4.3	5.6	10.8	10.8	16	22	



**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	2 1/2
Face to face	L	92	92	100	100	140	140	155	170	
Handwheel diameter	W	100	100	125	125	160	160	180	200	
Height	H	300	300	300	380	390	470	550	700	
Height(angle dimension)	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	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Face to face	L	98	111	111	140	140	155	170	
Handwheel diameter	W	100	125	125	160	160	180	200	
Height	H	300	300	380	390	470	550	700	
Height(angle dimension)	d	9	12	15	20	28	32	40	
Weight(Kg)		3.1	5.1	5.1	10.3	10.8	16	22	

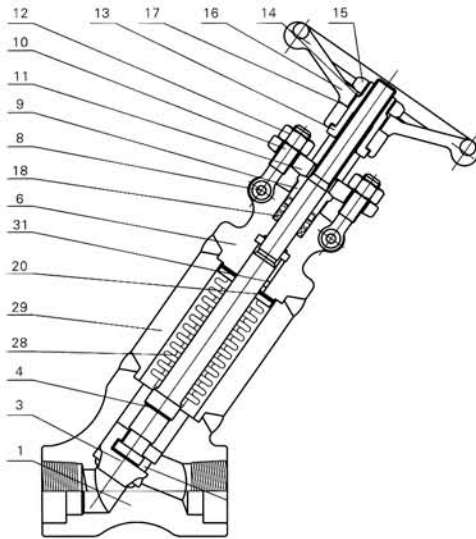


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V A L V E S

Y type Bellow Globe Valves



### Application specifications

- 1、 Design and manufacture conform to BS5352; MSS-SP-117
- 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, outside screw and yoke
  - Welded bonnet, outside screw and yoke
- 5、 Materials conform to ANSI/ASTM.
- 6、 Main materials: A105; 304(L); 316(L); F347; F321.
- 7、 Bellow materials: 304、 321、 316、 Inconel 625、 Hastelloy C 276、 Monel.

### 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	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
20	Gasket	304+ Flexible graphite	304+ Flexible graphite	304+ Flexible graphite	316+ Flexible graphite	316+ Flexible graphite
28	Bellow	F321	F321	F321	F316	F316L
29	Coupling pipe	A105	A105	A105	F304(L)	F316(L)
31	Pin	304	304	304	304	316