

### 应用规范Application standards

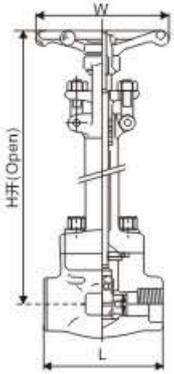
- 1、设计制造Design and manufacture conform to:  
BS5352、MSS SP-118;
- 2、连接端尺寸Connection ends conform to:  
1)承插口尺寸按Socket welded dimension conform to ANSI B16.11,JB/T1751  
2)螺纹端尺寸按Screw ends dimension conform to ANSI B1.20.1,JB/T7306  
3)对焊端尺寸按Butt-welded conform to ANSI B16.25,JB/T12224  
4)法兰端尺寸按Flanged ends conform to ANSI B16.5,JB79
- 3、阀门检查和试验Test and inspection conform to:  
API 598, GB/T13927, JB/T9092
- 4、结构特征Structure features:  
体盖连接垫片采用金属环(RJ)  
Gasket for bonnet connect adopt metal ring  
螺栓连接阀盖(B.B)焊接阀盖(W.B)  
Bolted bonnet, Welded bonnet
- 5、材料按Materials conform to ANSI/ASTM的规定。
- 6、主体材料Main materials:  
LF2;LF3; 304(L); 316(L); F347; F321; F51

### 碳钢温压等级 Carbon steel temperature-pressure rate

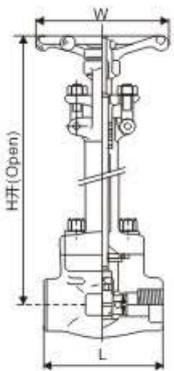
CL150-285 PSI @ 100°F CL300-740 PSI @ 100°F CL 600-1480 PSI @ 100°F  
CL 800-1975 PSI @ 100°F CL 1500-3705 PSI @ 100°F

### 典型零件材料表Main part materials list

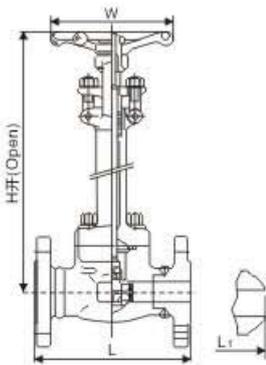
序号 NO.	零件名称 Components name	A105/F6a	A 105 F6aHFS	LF2/304	LF3/304	F304(L) 304(L)	F316(L) 316(L)	F511/F51
1	阀体 Body	-	-	LF2	LF3	F304(L)	F316(L)	F51
2	座圈 Race	-	-	304	304	304(L)	316(L)	F51
3	闸板 Damper plate	-	-	F304	F304	F304(L)	F316(L)	F51
4	阀杆 Valve lever	-	-	304	F304	304(L)	316(L)	F51
5	垫片 Gasket	-	-	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite
6	阀盖 Valve cover	-	-	LF2	LF3	F304(L)	F316(L)	F51
7	螺栓 Bolt	-	-	L7	L7	B8	B8	B8
8	销 Sells	-	-	410	410	304	304	304
9	填料压套 Gland	-	-	304	304	304	316	F51
10	活节螺栓 Gland Eyebolt	-	-	L7	L7	B8(M)	B8(M)	B8M
11	填料压板 Gland Flange	-	-	LF2	LF3	F304	F304	F304
12	六角螺母 Hexagonal Nut	-	-	2H	2H	8(M)	8(M)	8M
13	阀杆螺母 Yoke Nut	-	-	410	410	410	410	410
14	锁紧螺母 Locks the Nut	-	-	35	35	35	35	35
15	铭牌 Nameplate	-	-	AL	AL	AL	AL	AL
16	手轮 Handwheel	-	-	A197	A197	A197	A197	A197
17	润滑垫片 Filling piece	-	-	410	410	410	410	410
18	填料 Gland	-	-	石墨 Graphite				



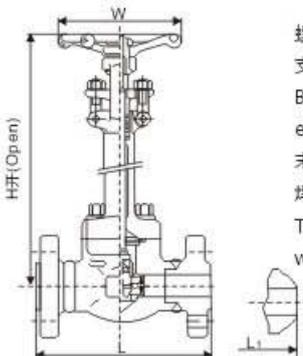
螺栓连接低温加长闸盖，缩径和全径，明杆支架(OS&Y)  
Bolted bonnet cryogenic extended bonnet full port & reduced port, OS&Y  
末端连接可按螺纹或承插焊或对接，设计按API602  
Threaded, butt-welded or socket welded ends; design to API602



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Bolted bonnet cryogenic extended bonnet reduced port, OS&Y  
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Threaded, butt-welded or socket welded ends; design to API602



螺栓连接闸盖，缩径，明杆支架(OS&Y)  
Bolted bonnet cryogenic extended bonnet full port, OS&Y  
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Threaded, butt-welded or socket welded ends; design to API602

### CL800

规格(NPS) Specification	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
结构长度(mm)Face to face	L	79	79	92	111	120	120	140	160	180
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200	220
中心高度(开) (mm)Height	H	-196	291	291	293	340	375	400	450	560
		-46	255	255	258	290	325	265	395	440
流通孔径(mm) Flow port dimension	d	7.5	10.5	13.5	18	24	29	36.5	45	51
重量(kg)Weight		3.5	3.5	4.3	6.7	10.9	12	14.8	28	36

### CL1500

规格(NPS) Specification	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	
结构长度(mm)Face to face	L	79	111	111	120	120	140	160	180	
手轮直径(mm) Handwheel diameter	W	100	125	125	160	160	180	200	220	
中心高度(开) (mm)Height	H	-196	321	321	322	359	399	446	480	550
		-46	285	285	287	309	343	396	420	480
流通孔径(mm) Flow port dimension	d	7.5	10.5	13.5	18	24	29	36.5	45	
重量(kg)Weight		3.5	6.7	6.7	11	12.3	15.8	28	45	

### CL150-300-600

规格(NPS)Specification		-	1/2	3/4	1	1 1/4	1 1/2	2
结构长度 (mm) Face to face	CL150	L(RF) L1(BW)	108	117	127	140	165	178
	CL300		140	152	165	178	190	216
	CL600		165	190	216	229	241	292
手轮直径(mm) Handwheel diameter		W	100	100	125	160	160	180
中心高度(开) (mm)Height	H	-196	321	322	359	399	446	480
		-46	285	287	309	343	396	420
流通孔径(mm) Flow port dimension		d	10.5	13.5	18	24	29	36.5
重量(kg) Weight	CL 150	RF	5.0	5.5	8.8	13.5	15	20.3
		BW						
	CL 300	RF	5.8	7.6	9.7	12.5	19.5	22.3
		BW						
	CL 600	RF	6.0	8	11.2	13.5	21.5	24.8
		BW						

### CL1500

规格(NPS)Specification	R.P	1/2	3/4	1	1 1/4	1 1/2	2	
结构长度(mm)Face to face	L	216	229	254	279	305	368	
手轮直径(mm)Handwheel diameter	W	125	125	160	160	180	200	
中心高度(开) (mm)Height	H	-196	321	322	359	399	446	480
		-46	285	287	309	343	396	420
流通孔径(mm)Flow port dimension	d	10.5	13.5	18	24	29	36.5	
重量(kg)Weight		14	23	25.3	35.7	47	72	