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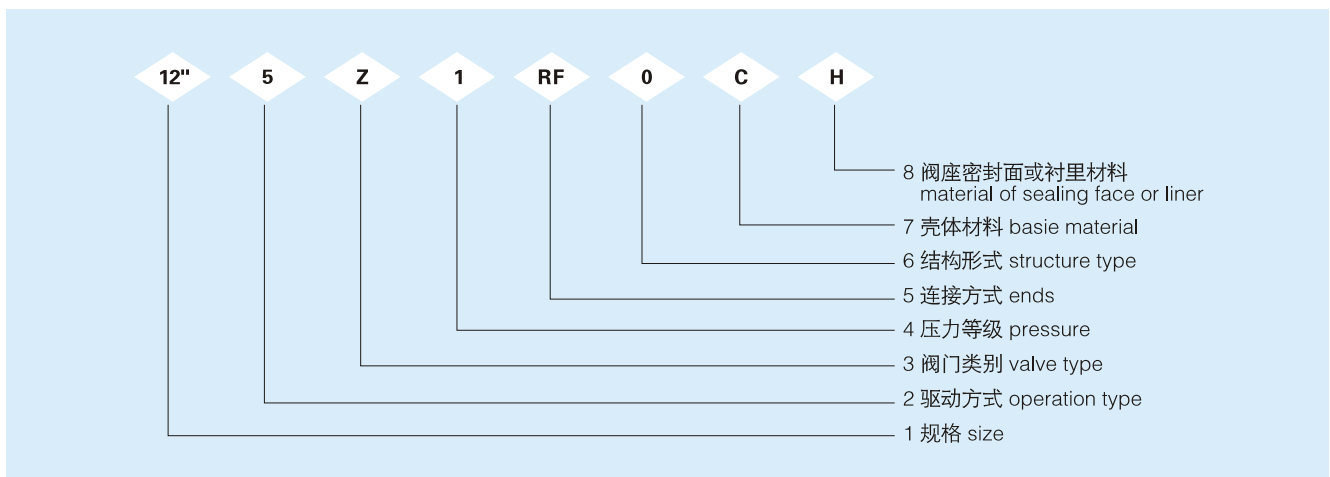
型号编制说明 FIGURE NUMBER SYSTEM

钢制闸阀型号编制说明 Steel gate valve figure number system

1	规格 Size	英制系列以xxin表示；公制系列以xx表示，单位mm省略					
2	驱动方式 Operation Type	1-光杆 Bare Stem	2-链轮传动 Chain-wheel Operated	4-正齿轮传动 Spur Gear Operated	5-伞齿轮传动 Cone Gear Operated	9-电动 Electric Operated	手动(省略) Hand Operated(omit)
3	阀门类别 Valve Type	Z-闸阀 Gate Valve					
4	压力等级 Pressure	0-PN10	1-PN16 CLASS150	2-PN25	3-CLASS300	4-PN4.0 CLASS400	6-PN6.4 CLASS600
		9-CLASS900	10-PN100	15-CLASS1500	16-PN160	20-PN20.0	25-CLASS2500
5	连接方式 Ends	RF-突面法兰 Raised Face	FF-全平面法兰 Flat Face	MFM-凹凸面法兰 Male and Female Face	TG-榫槽面法兰 Tongue and Groove Face	RJ-环接面法兰 Ring Joint	BW-对接焊 Buttweld
6	结构形式 Structure Type	0-弹性闸板 Flexible Wedge	1-刚性楔式单闸板 Solid Wedge	2-刚性楔式双闸板 Solid Double Wedge	3-平行式单闸板(普通型) Parallel Single Disc 3T-调节型Adjust Type 3L-导流孔型Adiversion Hole Type		4-平行式双闸板 Parallel Double Disc
7	壳体材料 Basic Material	C-WCB	C5-C5	C6-WC6	C9-WC9	BI-LCB	CL-LCC
		8-CF8	8M-CF8M	3-CF3	3M-CF3M	ML-MONEL	
8	阀座密封面 或衬里材料 Material of Seat face or Liner	H-Cr13系不锈钢 Cr13 S.S		E-18-8系不锈钢18-8 S.S		R-Mo2Ti系不锈钢Mo2Ti S.S	
		D-渗氮钢Nitriding Steel		M-蒙耐尔合金 Monel Alloy		Y-硬质合金 Hard Face	

- 注：1、*由阀体直接加工的阀座密封面材料代号用W表示
2、*当密封副的密封面材料不同时，以硬度低的材料代号表示
3、型号中未列出的其他特殊要求必须在订单中写明
4、样本中列出的型号不涉及压力，口径及阀门的材料编号，由用户给定

- Note:1.Use "W" to express seat sealing surface material which is processed directly by valve body.
2.When the materials of sealing surface are different, use low hardness material symbol to express.
3.Special Requirements not shown, should be indicated in the purchase order.
4.The models listed in the sample book have no reference to pressure, sizes and valve material symbols, they are to be decided by users.



型号示例: For example

10" -5Z1RF0CH

闸阀, 10" ANSI CLASS150, 突面法兰连接, 弹性闸板、壳体(阀体、阀盖、闸板)材料WCB, 阀座密封面材料13Cr, 伞齿轮传动。
Gate valve, 10" ANSI CLASS150, Raised Face Ends, Flexible wedge, Body&Bonnet&Wedge Cast Steel WCB, Seat sealing face material 13Cr Cone Gear operated

80-Z2RF08W

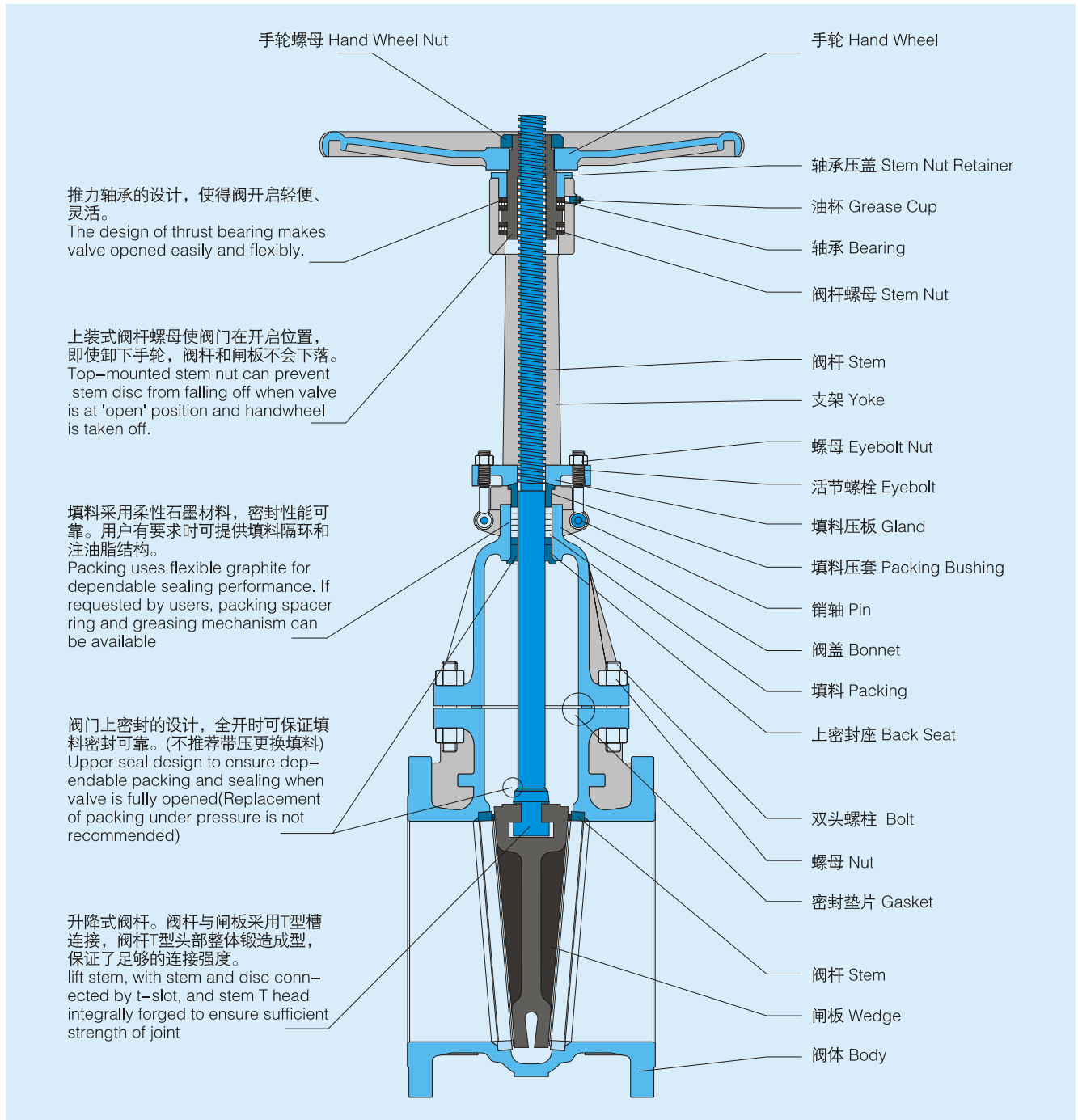
闸阀, DN80 PN25, 突面法兰连接, 弹性闸板、壳体(阀体、阀盖、闸板)材料CF8, 阀座密封面本体加工, 手轮驱动。
Gate valve, DN80 PN25, Raised Face Ends, Flexible wedge, Body & Bonnet & Wedge Stainless Steel CF8, Seat sealing face Body machined, Hand wheel operated



API铸钢闸阀 API CAST STEEL GATE VALVE

J-VALVES

明杆升降式铸钢闸阀的结构特征 Design characteristics of API600 Cast steel Gate valve with rising stem(OS&Y)



提示:

1. 端部连接形式见附录I
2. 阀体、阀盖连接形式见附录VIII
3. 闸板结构形式见附录VI
4. 阀体与阀座连接形式见附录VII
5. 阀杆填料结构见附录IX
6. 阀门操作见附录X

Remark

1. Type of end connection referred to Appendix I
2. Type of body and bonnet connection referred to Appendix VIII
3. Type of disc structure referred to Appendix VI
4. Type of body and seat connection referred to Appendix VII
5. Stem packing structure referred to Appendix IX
6. Valve operation referred to Appendix X

API铸钢闸阀 API CAST STEEL GATE VALVE

API600明杆升降式铸钢闸阀的材料明细(ASTM标准材料) Materials list for API600 Cast steel Gate valve with rising stem(OS&Y)

序号 No.	零件名称 Part Name		碳钢系列 Carbon Steel	不锈钢系列 Stainless Steel	合金钢系列 Alloy Steel	低温钢系列 Low Temperature Steel
1	阀体	Body	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
2	闸板	Wedge	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
3	阀座	Seat	ASTM A105	/	ASTM A182 GR F304	ASTM A182 GR F304
4	密封垫片	Gasket	柔性石墨+SS304 Soft Graphite+SS304			
5	六角螺母	Nut	ASTM A194 GR 2H	ASTM A194 GR B8	ASTM A194 GR 4	ASTM A194 GR 8B
6	双头螺柱	Stud	ASTM A193 GR B7	ASTM A193 GR 8	ASTM A193 GR B7	ASTM A193 GR 8
7	上密封座	Back Seat	ASTM A182 GR F6a	ASTM A182 GR F304	ASTM A182 GR F304	ASTM A182 GR F304
8	填料	Packing	柔性石墨 Soft Graphite			
9	阀盖	Bonnet	ASTM A216 FR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
10	销轴	Pin	ASTM A194 GR 2H	ASTM A276 YTPPE 304	ASTM A276 GR TYPE 410	ASTM A276 TYPE 304
11	填料压套	Packing Bushing	ASTM A182 GR F6a	ASTM A182 GR F304	ASTM A182 GR F6a	ASTM A182 GR F304
12	填料压板	Gland	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A216 GR WCB	ASTM A352 GR LCB
13	活节螺栓	Eyebolt	ASTM A193 GR B7	ASTM A193 GR B8	ASTM A193 GR B7	ASTM A194 GR B8
14	螺母	Eyebolt Nut	ASTM A194 GR 2H	ASTM A193 GR 8	ASTM A193 GR 4	ASTM A193 GR 8
15	支架	Yoke	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A216 GR WCB	ASTM A352 GR LCB
16	阀杆	Stem	ASTM A276 TYPE 410	ASTM A276 YTPPE 304	ASTM A182 GR F22	ASTM A276 TYPE 304
17	阀杆螺母	Stem Nut	ASTM B148 UNS C95600	ASTM B148 UNS C95600	ASTM B148 UNS C95600	ASTM B148 UNS C95600
18	轴承	Bearing	/			
19	油杯	Grease Cup	铜合金 COPPER ALLOY			
20	轴承压盖	Stem Nut Retainer	ASTM A108 GR 1020	ASTM A182 GR F304	ASTM A108 GR 1020	ASTM A182 GR F304
21	手轮	Hand Whee	ASTM A197	ASTM A197	ASTM A197	ASTM A197
22	手轮螺母	Hand Wheel Nut	ASTM A108 GR 1020	ASTM A182 GR F304	ASTM A108 GR 1020	ASTM A182 GR F304

提示:

- 壳体材料压力温度等级表见附录XII
- 壳体材料化学成分及力学性能见附录XI
- 内件材料及推荐服务范围见附录XIII

Remark:

- Pressure and temperature rating of casing material referred to Appendix XII
- Chemical compositions and mechanical property of casing material referred to Appendix XI
- Trim materials and recommended service coverage referred to Appendix XIII

技术性能规范 Technical Specification

设计标准 design standard	API600 API603							
压力温度等级 pressure-Temperature rating	ASME B16.34							
结构长度 face-face	ASME B16.10							
法兰型式尺寸 flange ends	ASME B16.5 ASME B16.47							
对焊端连接 buttwelding ends	ASME B16.25							
检验与试验 inspection & Test	APE598							
公称压力 Norminal Pressure	150	300	400	600	900	1500	2500	
试验压力(MPa) Test Pressure	壳体试验 Shell Test	2.93	7.55	10.0	15.0	22.5	37.5	63.0
	高压密封 High Pressure Seal Test	2.07	5.52	7.31	11.03	16.5	27.5	46.0
	低压密封 Low Pressure Seal Test	0.6*						
适用温度 Applicable Temperature	-196°C~550°C(不同的工况温度选用不同材质) Different raw material for different work temperature							
适用介质 Applicable Medium	水、油、气及各类腐蚀性介质(不同的介质选用不同材质) Water, oil, gas and other causticity medium(Different raw material for different medium)							

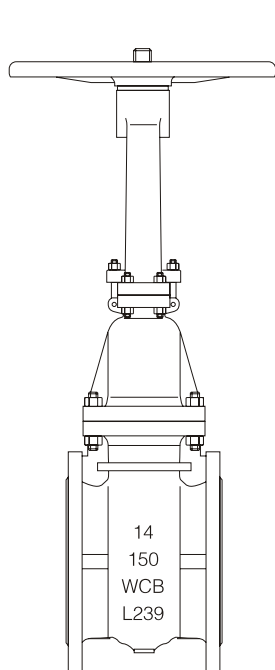
API铸钢闸阀 API CAST STEEL GATE VALVE

API铸钢闸阀供货范围 API Cast steel Gate valve Product Line

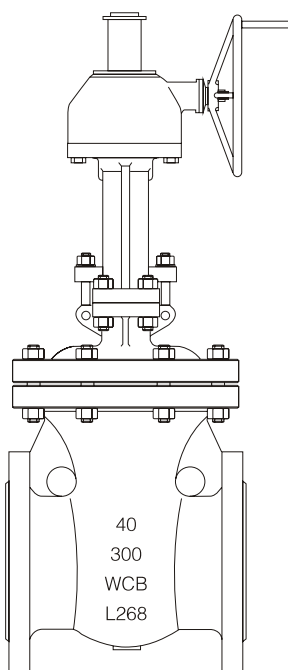
规格化SIZE		压力 Pressure(CLASS)																	
		栓接阀盖 Bolted Bonnet								自密封阀盖 Pressure Seal Bonnet									
		手动 Hand operated				齿轮传动 Gear operated				手动 Hand operated				齿轮传动 Gear operated					
DN	NPS	150	300	600	900	1500	300	600	900	1500	600	900	1500	2500	600	900	1500	2500	
40	1-1/2	*	*	*	*	*													
50	2	*	*	*	*	*													
65	2-1/2	*	*	*	*	*													
80	3	*	*	*	*	*					*	*	*	*					
100	4	*	*	*	*	*					*	*	*	*					
125	5	*	*	*	*	*					*	*	*	*					
150	6	*	*	*	*	*					*	*	*	*					
200	8	*	*	*	*	*					*	*	*						*
250	10	*	*	*	*	*					*	*	*						*
300	12	*	*	*	*					*	*	*						*	*
350	14	*	*	*	*					*	*	*						*	*
400	16	*	*	*					*	*	*					*	*	*	*
450	18	*	*	*					*	*	*					*	*	*	*
500	20	*	*	*					*	*	*					*	*	*	*
600	24	*	*					*	*	*					*	*	*	*	*
650	26	*	*					*							*	*	*	*	*
700	28	*	*					*							*	*	*	*	*
750	30	*	*					*							*	*	*	*	*
800	32	*	*					*							*	*	*	*	*
900	36	*	*					*							*	*	*	*	*
1000	40	*					*	*											
1050	42	*					*	*											
1200	48	*					*	*											

欲订购表中未列出的产品可与本公司销售部门联系。

For sizes and classes not shown, please contact our Sales Department



手动 Hand operated



齿轮传动 Gear operated

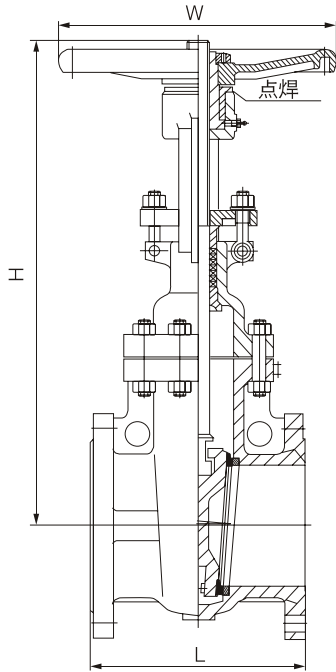


Fig.ZRF0

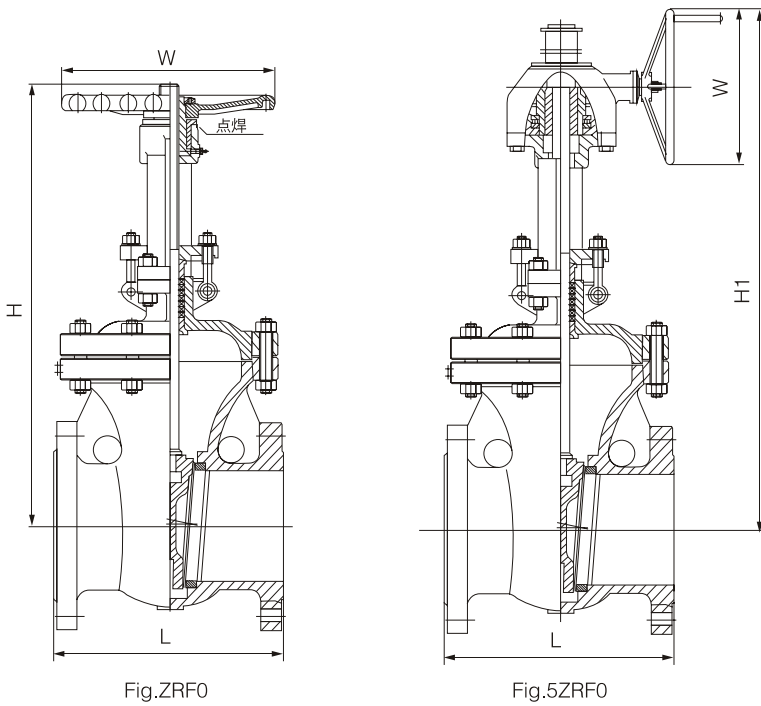
压力 Pressure: CLASS150

- ◆ 栓接阀盖
- ◆ 弹性闸板
- ◆ 10"以上采用分体式支架
- ◆ Bolted bonnet
- ◆ Flexible wedge gate
- ◆ 10" and above: two pieces yoke

主要外形尺寸和重量 Main dimensions & Weight

CALSS 150

规格 Size		尺寸 Dimensions					重量 weight(kg)		扭矩(N.m) Torque	Cv值
mm	in.	L(RF)	L(BW)	L(RM)	H	W	RF	BM		
40	1-1/2	165	165	178	386	250	24	21	12	-
50	2	178	216	190	391	250	27	23	13	-
65	2-1/2	190	241	203	408	250	37	33	13	-
80	3	203	283	216	457	250	40	35	15	710
100	4	229	305	241	538	250	52	47	27	1300
150	6	267	403	279	693	380	90	84	36	3100
200	8	292	419	305	863	380	145	137	63	5720
250	10	330	457	343	1036	450	225	207	84	8940
300	12	356	502	368	1130	450	310	253	131	13350
350	14	381	572	394	1272	610	445	376	151	16275
400	16	406	610	419	1447	610	540	440	235	21560
450	18	432	660	445	1701	720	800	722	285	28720
500	20	457	711	470	1795	720	900	863	341	35760
600	24	508	813	521	2189	720	1600	1519	602	52165
650	26	559	864	-	2387	860	1850	1755	-	63500
700	28	610	914	-	2590	860	2100	1995	-	74800
750	30	610	914	622	2819	860	2700	2404	1079	86235
800	32	711	965	-	2870	860	3100	2840	-	103000
900	36	711	1016	724	2997	860	3950	3690	1497	129500
1000	40	813	1067	-	3302	1020	4650	-	-	175860
1050	42	813	1143	-	3479	1020	5100	-	-	223300
1200	48	1067	1371	-	3962	1020	6500	-	-	335500



压力 Pressure: CLASS300

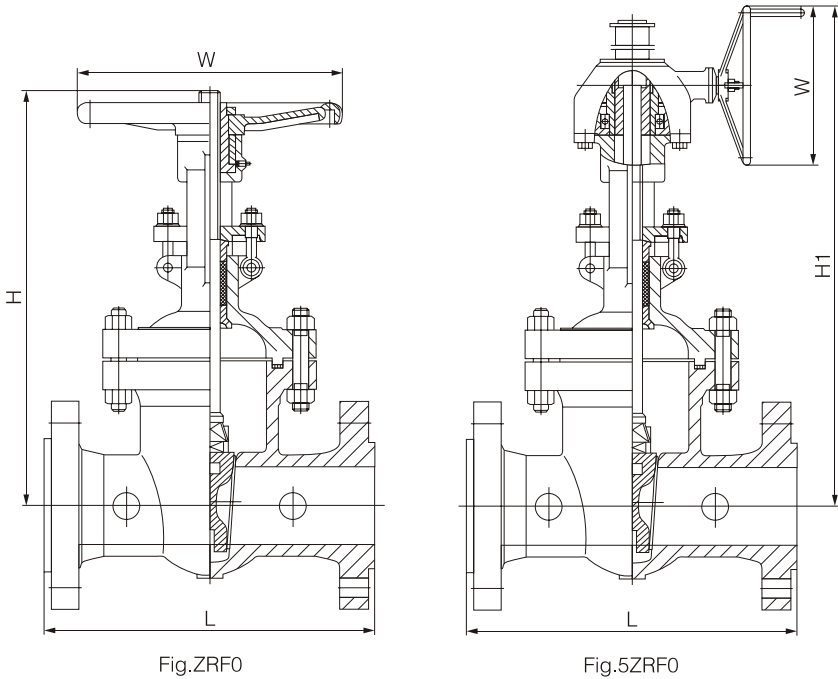
- ◆ 栓接阀盖
- ◆ 弹性闸板
- ◆ 8"以上采用分体式支架
- ◆ 40"以上采用齿轮传动

- ◆ Bolted bonnet
- ◆ Flexible wedge gate
- ◆ 8" and above: two pieces yoke
- ◆ 40" and above: two pieces yoke

主要外形尺寸和重量 Main dimensions & Weight

CALSS 300

规格 Size		尺寸 Dimensions						重量 weight(kg)		扭矩(N.m)	Cv值
mm	in.	L(RF)	L(BW)	L(RM)	H	H1	W	RF	BM	Torque	
40	1-1/2	190	190	203	425	-	250	30	21	115	-
50	2	216	216	232	467	-	250	32	29	16	-
65	2-1/2	241	241	257	495	-	250	49	43	18	-
80	3	283	283	299	520	-	250	52	49	21	710
100	4	305	305	321	609	-	350	85	77	42	1300
150	6	403	403	419	825	-	450	150	145	86	3100
200	8	419	419	435	1009	-	450	240	227	128	5720
250	10	457	457	473	1193	-	610	380	337	215	8940
300	12	502	502	518	1282	-	610	486	430	289	13350
350	14	762	762	778	1422	-	610	729	654	423	16275
400	16	838	838	854	1549	-	720	931	876	537	21560
450	18	914	914	930	1803	-	720	1504	1300	649	27890
500	20	991	991	1010	1955	-	720	1938	1625	1009	34840
600	24	1143	1143	1165	2425	-	860	3411	2800	1451	51050
650	26	1245	1245	1270	2540	-	860	3570	3100	-	62011
700	28	1346	1346	1372	2641	-	860	4027	3600	-	73046
750	30	1397	1397	1422	2743	-	860	4310	3780	3140	84765
800	32	1524	1524	1553	2857	-	860	4850	4235	-	100580
900	36	1727	1727	1756	3048	-	860	6632	5900	4293	125825
1000	40	1955	1955	-	-	3713	720	8100	-	-	171740
1050	42	2032	2032	-	-	3916	720	9750	-	-	217000
1200	48	2286	2286	-	-	4501	720	13050	-	-	326000



压力 Pressure: CLASS600

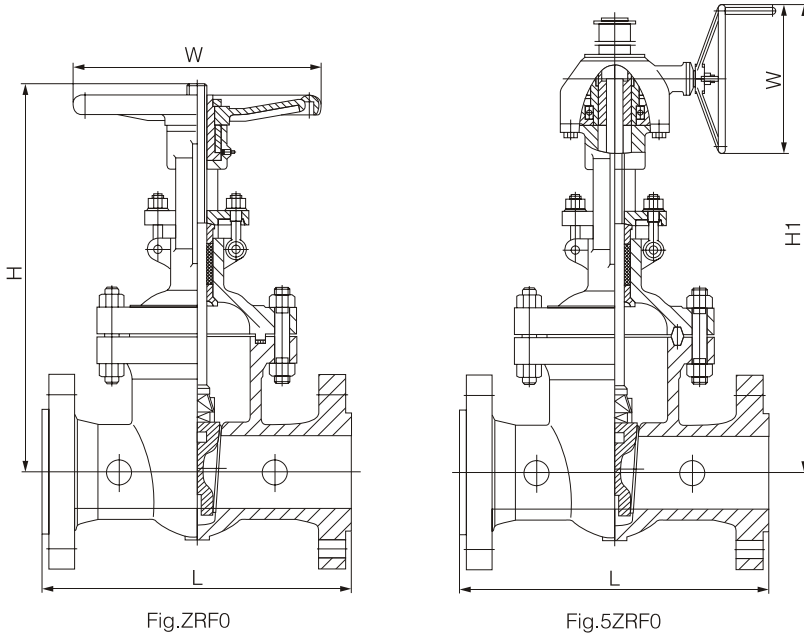
- ◆ 栓接阀盖
- ◆ 弹性闸板
- ◆ 8"以上采用分体式支架
- ◆ 24"以上采用齿轮传动

- ◆ Bolted bonnet
- ◆ Flexible wedge gate
- ◆ 8" and above: two pieces yoke
- ◆ 24" and above: two pieces yoke

主要外形尺寸和重量 Main dimensions & Weight

CALSS 600

规格 Size		尺寸 Dimensions						重量 weight(kg)		扭矩(N.m)	Cv值
mm	in.	L(RF)	L(BW)	L(RM)	H	H ₁	W	RF	BM	Torque	
40	1-1/2	241	241	241	375	-	250	41	28	20	-
50	2	292	292	295	387	-	250	50	39	23	-
65	2-1/2	330	330	333	483	-	250	54	53	-	-
80	3	356	356	359	537	-	350	85	67	50	710
100	4	432	432	435	647	-	350	126	101	68	1300
150	6	559	559	562	914	-	610	274	230	183	3110
200	8	660	660	664	1092	-	610	454	390	270	5500
250	10	787	787	791	1181	-	720	628	566	479	8450
300	12	838	838	841	1333	-	720	895	823	650	12850
350	14	889	889	892	1473	-	720	1350	1198	988	15370
400	16	991	991	994	1651	-	860	1700	1532	1243	20170
450	18	1092	1092	1095	1727	-	860	2140	1996	1512	26200
500	20	1194	1194	1200	2019	-	860	2683	2450	2185	32100
600	24	1397	1397	1407	-	2383	610	4550	3244	3053	46750
650	26	1448	1448	1461	-	2500	610	5260	-	-	56300
700	28	1549	1549	1562	-	2663	610	5960	-	-	65900
750	30	1651	1651	1664	-	2840	610	6700	6160	5452	75520
800	32	1778	1778	1794	-	3100	720	8312	-	-	85180
900	36	2083	2083	2099	-	3450	720	10125	9580	7675	114250
1000	40	2149	2149	-	-	3600	720	14300	-	-	156127
1050	42	2260	2260	-	-	3950	720	16460	-	-	197272
1200	48	2667	2667	-	-	4600	720	22900	-	-	296300



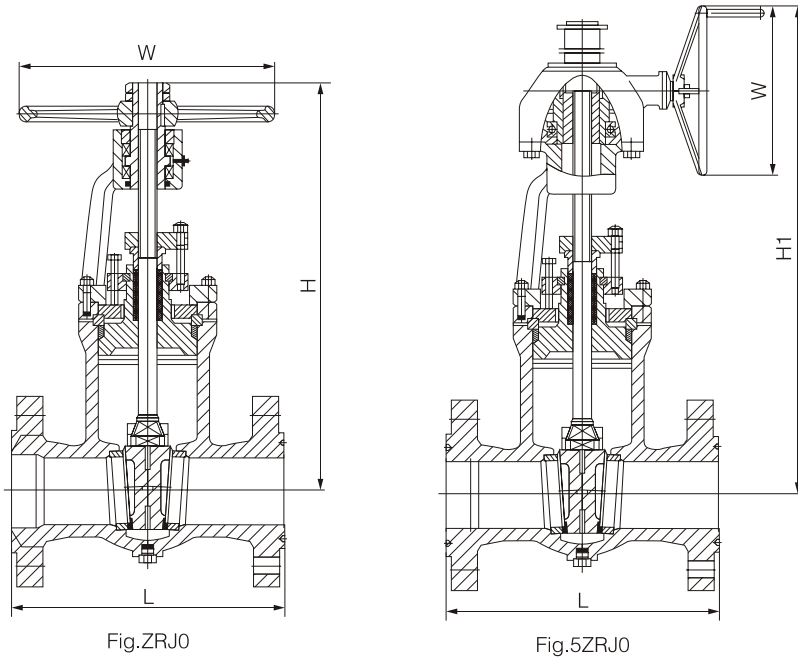
压力 Pressure: CLASS900-1500

- ◆ 栓接阀盖
- ◆ 弹性闸板
- ◆ 8"以上采用分体式支架
- ◆ Class900, 16"以上采用齿轮传动
Class1500, 12"以上采用齿轮传动
- ◆ Bolted bonnet
- ◆ Flexible wedge gate
- ◆ 8" and above: two pieces yoke
- ◆ Class900, 16" and above;
Class1500, 12" and above:
Gear operated

主要外形尺寸和重量 Main dimensions & Weight

CALSS 900-1500

压力 CLASS	规格 Size		尺寸 Dimensions						重量 weight(kg)		扭矩(N.m) Torque	Cv值
	mm	in.	L(RF)	L(BW)	L(RM)	H	H1	W	RF	BM		
900	40	1-1/2	305	305	305	495	-	250	62	45	24	-
	50	2	368	368	371	523	-	250	116	98	39	-
	65	2-1/2	419	419	422	577	-	350	161	130	56	-
	80	3	381	381	384	609	-	350	142	136	64	650
	100	4	457	457	460	673	-	350	214	180	118	1200
	150	6	610	610	613	863	-	610	408	405	243	2850
	200	8	737	737	740	1079	-	610	731	644	427	5025
	250	10	838	838	841	1231	-	720	1151	1010	783	7850
	300	12	965	965	968	1384	-	720	1724	1455	1163	11500
	350	14	1029	1029	1038	1574	-	850	2060	1807	1331	13900
	400	16	1130	1130	1140	-	2159	760	2400	-	-	18150
450	18	1219	1219	1232	-	2362	760	3000	-	-	23910	
500	20	1321	1321	1334	-	2463	760	3800	-	-	29550	
600	24	1549	1549	1568	-	3048	900	4900	-	-	42570	
1500	40	1-1/2	305	305	305	495	-	250	62	45	32	-
	50	2	368	368	371	582	-	250	116	95	54	-
	65	2-1/2	419	419	422	635	-	350	161	130	76	-
	80	3	470	470	473	781	-	350	209	193	108	600
	100	4	546	546	549	876	-	450	296	250	167	1070
	150	6	705	705	711	1104	-	610	720	652	426	2500
	200	8	832	832	841	1142	-	720	1275	1134	801	4370
	250	10	991	991	1000	1784	-	860	2092	1765	1268	6850
	300	12	1130	1130	1146	-	1955	760	2951	2386	2078	9980
	350	14	1257	1257	1276	-	2057	760	4382	3759	2392	12000
	400	16	1384	1384	1407	-	2311	760	5043	-	-	15675
450	18	1537	1537	1559	-	2438	860	5705	-	-	20640	
500	20	1664	1664	1686	-	2590	860	6750	-	-	25880	
600	24	1943	1943	1972	-	2946	860	9500	-	-	37175	



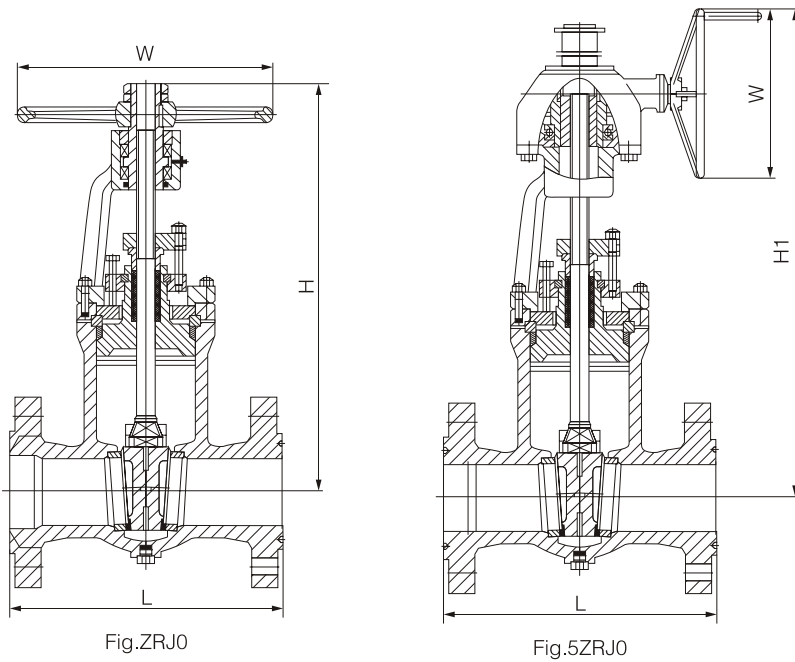
压力 Pressure: CLASS600-900

- ◆ 压力密封阀盖
- ◆ 弹性闸板
- ◆ Class600, 24"以上采用齿轮传动
Class900, 16"以上采用齿轮传动
- ◆ Pressure sealed bonnet
- ◆ Flexible wedge gate
- ◆ Class600, 24" and above;
Class900, 16" and above:
Gear operated

主要外形尺寸和重量 Main dimensions & Weight

CALSS 600-900

压力 CLASS	规格 Size		尺寸 Dimensions						重量 weight(kg)		扭矩(N.m) Torque	Cv值
	mm	in.	L(RF)	L(BW)	L(RM)	H	H ₁	W	RF	BM		
600	80	3	356	254	359	609	-	250	68	54	29	710
	100	4	432	305	435	762	-	350	112	84	50	1300
	150	6	559	457	562	863	-	450	209	169	129	3110
	200	8	660	584	664	1092	-	610	315	245	232	5500
	250	10	787	711	791	1168	-	720	529	429	379	8485
	300	12	838	812	841	1270	-	720	775	615	550	12850
	350	14	889	889	892	1447	-	720	1210	960	-	15370
	400	16	991	991	994	1651	-	860	1600	1200	-	20170
	450	18	1092	1092	1095	1727	-	860	1895	1435	-	26200
	500	20	1194	1194	1200	1981	-	860	2356	1794	-	32100
	600	24	1397	1397	1407	-	2308	610	4300	3600	-	46750
	650	26	1448	1448	1461	-	2500	610	480	4070	-	56300
	700	28	1549	1549	1562	-	2750	610	5600	4770	-	65900
	750	30	1651	1651	1664	-	2840	610	6350	5410	-	75520
800	32	1778	1778	1794	-	3150	720	7890	6840	-	85180	
900	36	2083	2083	2099	-	3400	720	9112	7802	-	114250	
900	80	3	381	305	384	584	-	350	95	77	40	450
	100	4	457	356	460	711	-	350	130	101	71	850
	150	6	610	508	613	863	-	610	280	245	174	1925
	200	8	737	660	740	1016	-	610	460	341	319	3575
	250	10	838	787	841	1181	-	720	820	640	530	5250
	300	12	965	914	968	1320	-	720	1150	930	740	7550
	350	14	1029	991	1038	1568	-	850	1500	1298	1008	9150
	400	16	1130	1092	1140	-	2159	760	2100	1855	1400	11950
	450	18	1219	1219	1232	-	2381	760	2750	2340	1696	15575
	500	20	1321	1321	1334	-	2451	760	3400	2800	2302	27675
	600	24	1549	1549	1568	-	2971	900	4400	3420	4224	-
	650	26	1574	1574	-	-	3352	900	5500	4270	-	-
	700	28	1663	1663	-	-	3695	900	6900	5454	-	-
	750	30	1778	1778	-	-	4000	900	900	7392	-	-
800	32	1854	1854	-	-	4165	900	11000	9042	-	-	
900	36	2032	2032	-	-	4597	900	13500	10874	-	-	



压力 Pressure: CLASS1500-2500

- ◆ 压力密封阀盖
- ◆ 弹性闸板
- ◆ Class1500, 12"以上采用齿轮传动
Class2500, 8"以上采用齿轮传动
- ◆ Pressure sealed bonnet
- ◆ Flexible wedge gate
- ◆ Class1500, 12" and above;
Class2500, 8" and above:
Gear operated

主要外形尺寸和重量 Main dimensions & Weight

CALSS 1500-2500

压力 CLASS	规格 Size		尺寸 Dimensions						重量 weight(kg)		扭矩(N.m) Torque	Cv值
	mm	in.	L(RF)	L(BW)	L(RM)	H	H ₁	W	RF	BM		
1500	80	3	470	305	473	660	-	350	148	110	69	415
	100	4	546	406	549	736	-	450	236	180	111	730
	150	6	705	559	711	914	-	610	481	370	307	1675
	200	8	832	771	841	1244	-	720	810	610	537	2925
	250	10	991	864	1000	1485	-	860	1680	1300	948	4550
	300	12	1130	991	1146	-	1905	760	2565	2000	1409	6570
	350	14	1257	1067	1276	-	1981	760	3260	2900	1823	7890
	400	16	1384	1194	1407	-	2108	760	4540	3490	2516	10325
	450	18	1537	1346	1559	-	2209	860	5225	400	3767	13425
	500	20	1664	1473	1686	-	2387	860	6310	4800	5283	16820
	600	24	1943	1943	1972	-	2794	860	9050	7500	8228	24150
	650	26	2033	2033	-	-	3098	1020	9934	8900	-	-
	700	28	2209	2209	-	-	3403	1020	11174	10000	-	-
	750	30	2286	2286	-	-	3746	1020	14852	13500	-	-
800	32	2413	2413	-	-	3048	-	17443	16000	-	-	
900	36	2565	2565	-	-	3251	-	21246	18900	-	-	
2500	80	3	-	368	-	596	-	450	-	135	110	275
	100	4	-	457	-	698	-	610	-	215	194	460
	150	6	-	610	-	876	-	610	-	550	381	100
	200	8	-	762	-	-	1043	610	-	900	727	1970
	250	10	-	914	-	-	1170	860	-	1600	1398	3130
	300	12	-	1041	-	-	1322	860	-	2300	1980	4535
	350	14	-	1118	-	-	1379	1020	-	3200	2593	5500
	400	16	-	1245	-	-	1481	1020	-	4100	3952	7210
	450	18	-	1397	-	-	1651	1020	-	5200	5735	9415
	500	20	-	1397	-	-	1811	1020	-	6800	7804	11450
	600	24	-	1625	-	-	1905	-	-	9500	11798	16575
	650	26	-	1778	-	-	2032	-	-	11000	-	-
	700	28	-	1905	-	-	2108	-	-	13100	-	-
	750	30	-	2032	-	-	2362	-	-	17200	-	-
800	32	-	2184	-	-	2463	-	-	19300	-	-	
900	36	-	2413	-	-	3063	-	-	2500	-	-	

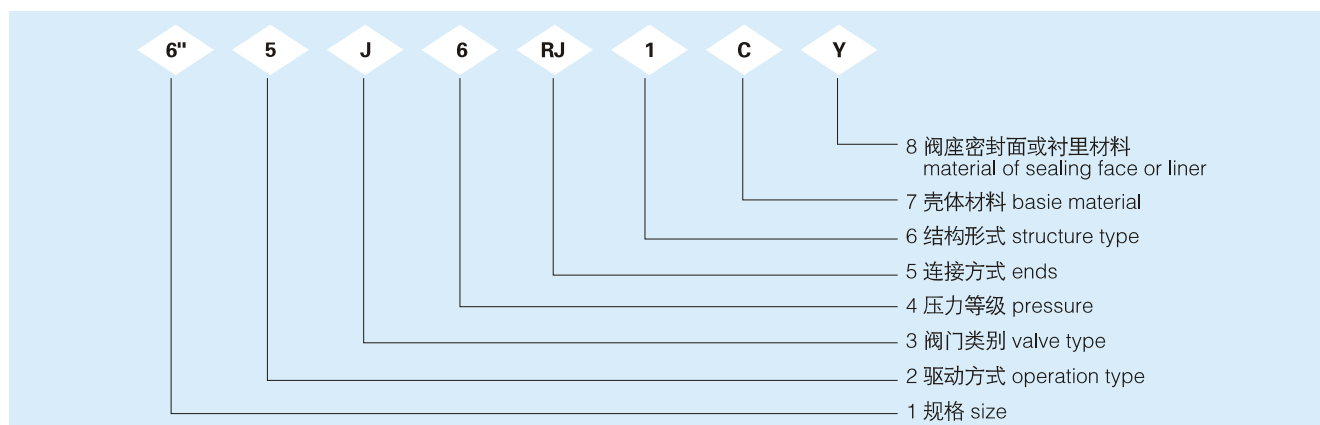
型号编制说明 FIGURE NUMBER SYSTEM

钢制截止阀型号编制说明 Steel Globe Valve Figure Number System

1	规格 Size	英制系列以xxin表示；公制系列以xx表示，单位mm省略					
2	驱动方式 Operation Type	1-光杆 Bare Stem	2-链轮传动 Chain-wheel Operated	4-正齿轮传动 Spur Gear Operated	5-伞齿轮传动 Cone Gear Operated	9-电动 Electric Operated	手动(省略) Hand Operated(omit)
3	阀门类别 Valve Type	J-截止阀 Globe Valve					
4	压力等级 Pressure	0-PN1.0	1-PN1.6 CLASS150	2-PN2.5	3-CLASS300	4-PN4.0 CLASS400	6-PN6.4 CLASS600
		9-CLASS900	10-PN10.0	15-CLASS1500	16-PN16.0	20-PN20.0	25-CLASS2500
5	连接方式 Ends	RF-突面法兰 Raised Face	FF-全平面法兰 Flat Face	MFM-凹凸面法兰 Male and Female Face	TG-榫槽面法兰 Tongue and Groove Face	RJ-环接面法兰 Ring Joint	BW-对接焊 Buttweld
6	结构形式 Structure Type	1-直通式 Through Way type					
7	壳体材料 Basic Material	C-WCB	C-C5	C6-WC6	C9-WC9	BI-LCB	CL-LCC
		8-CF8	8M-CF8M	3-CF3	3M-CF3M	ML-MONEL	
8	* 阀座密封面 或衬里材料 Material of Seat	H-Cr13系不锈钢 Cr13 S.S		E-18-8系不锈钢 18-8 S.S		R-Mo2Ti系不锈钢 Mo2Ti S.S	
		D-渗氮钢 Nitriding Steel		M-蒙耐尔合金 Monel Alloy		Y-硬质合金 Hard Face	

注：1、*由阀体直接加工的阀座密封面材料代号用W表示
2、*当密封副的密封面材料不同时，以硬度低的材料代号表示
3、型号中未列出的其他特殊要求必须在订单中写明
4、样本中列出的型号不涉及压力，口径及阀门的材料编号，由用户给定

Note: 1. Use "W" to express seat sealing surface material which is processed directly by valve body.
2. When the materials of sealing surface are different, use low hardness material symbol to express.
3. Special Requirements not shown, should be indicated in the purchase order.
4. The models listed in the sample book have no reference to pressure, sizes and valve material symbols, they are to be decided by users.



型号示例: For example

6"-5J6RJ1CY

截止阀，6" ANSI CLASS600，环接面法兰连接，直通式、壳体(阀体、阀盖、闸瓣)材料WCB，阀座密封面材料硬质合金，伞齿轮传动。
Globe valve, 6" ANSI CLASS600, RTJ Flange Ends, Through Way Type, Body & Bonnet & Disc Cast Steel WCB, Hard face Seat, Cone Gear operated

65-J1RF1CH

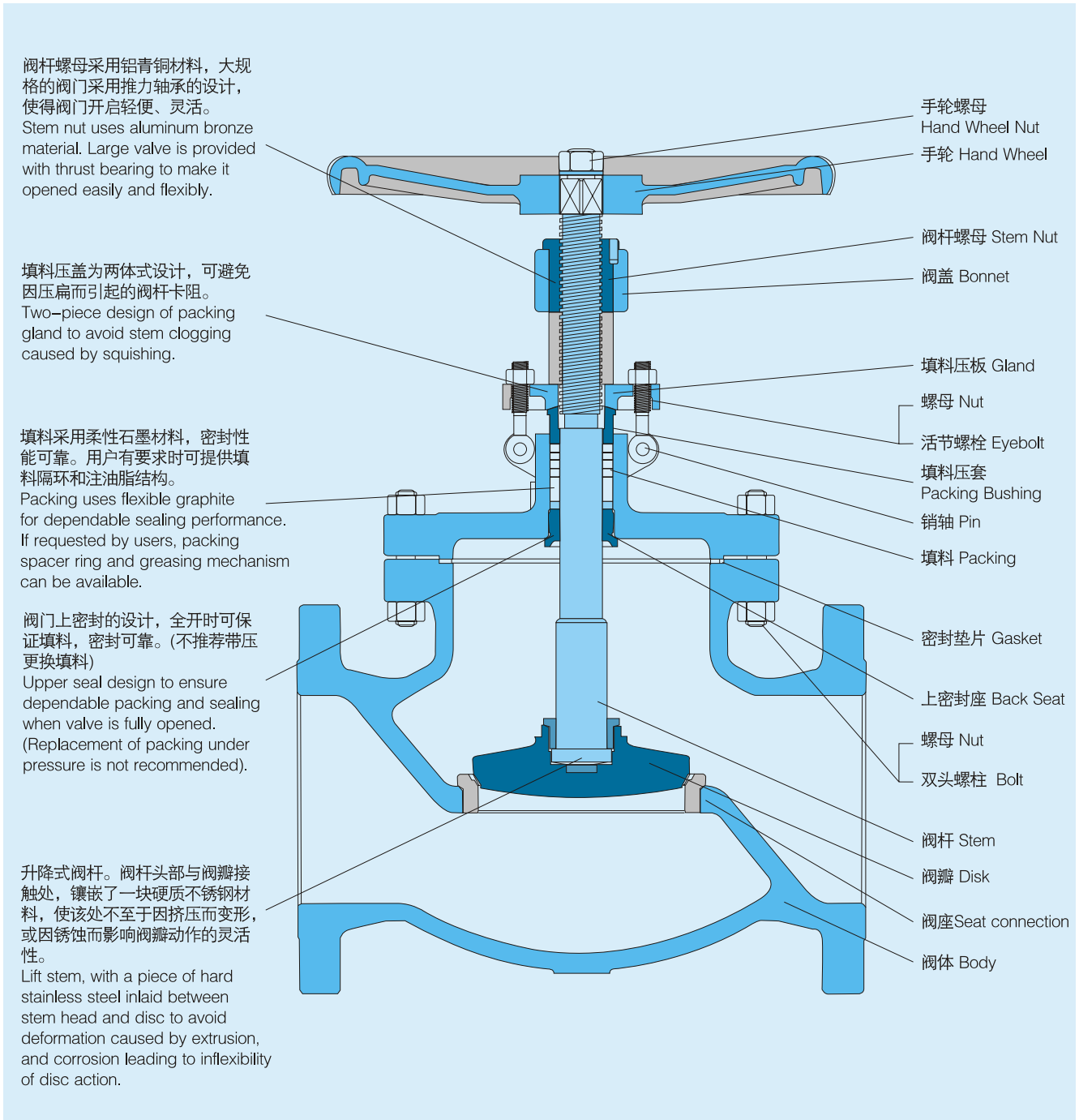
截止阀，DN65 PN16，突面法兰连接，直通式、壳体(阀体、阀盖、闸瓣)材料WCB，阀座密封面材料13Cr，手轮驱动。
Globevalve, DN65 PN16, Raised Face Ends, Through Way Type, Body & Bonnet & Disc Cast steel WCB, Seat sealing machined 13Cr, Hand wheel operated

BS铸钢截止阀 BS CAST STEEL GLOBE VALVE



明杆升降式铸钢截止阀的结构特征

Design characteristics of BS 1873 Cast steel Globe Valve with rising stem(OS&Y)



提示:

- 1、端部连接形式见附录I
- 2、阀体、阀盖连接形式见附录VIII
- 3、阀瓣与阀座连接形式见附录VII
- 4、阀杆填料结构见附录IX
- 5、阀门操作见附录X

Remark

1. Type of end connection referred to Appendix I
2. Type of body and bonnet connection referred to Appendix VIII
3. Seal Type of disc and seat referred to Appendix VII
4. Stem packing structure referred to Appendix IX
5. Valve operation referred to Appendix X

BS铸钢截止阀 BS CAST STEEL GLOBE VALVE

BS1873明杆升降式铸钢截止阀的材料明细 (标准材料)

Materials list for BS 1873 Cast steel Globe Valve with rising stem(OS&Y)

序号 No.	零件名称 Part Name	碳钢系列 Carbon Steel	不锈钢系列 Stainless Steel	合金钢系列 Alloy Steel	低温钢系列 Low Temperature Steel	
1	阀体	Body	A216 GR WCB	A351 GR Cf8	A217 GR WC6	A352 GR LCB
2	阀座	Seat	A105	/	A182 GR F304	A182 GR F304
3	阀瓣	Disk	A216 GR WCB	A351 GR Cf8	A217 GR WC6	A352 GR LCB
4	阀杆	Stem	A276 TYPE410	A276 TYPE 304	A182 GR F22	A276 TYPE 304
5	双头螺柱	Bolt	A193 GR B7	A193 GR 8	A193 GR B7	A193 GR 8
6	六角螺母	Nut	A194 GR 2H	A194 GR B8	A194 GR 4	A194 GR B8
7	上密封座	Back Seat	A182 GR F6a	A182 GR F304	A182 GR F304	A182 GR F304
8	密封垫片	Gasket	柔性石墨+SS304 Graphite+SS304			
9	填料	Packing	柔性石墨 Graphite			
10	销轴	Pin	A194 GR 2H	A276 TYPE304	A276 TYPE410	A276 TYPE304
11	填料压套	Packing Bushing	A182 GR F6a	A182 GR F304	A182 GR F6a	A182 GR F304
12	活节螺栓	Eyebolt	A193 GR B7	A194 GR B8	A193 GR B7	A194 GR B8
13	螺母	Eyebolt Nut	A194 GR 2H	A193 GR 8	A194 GR 4	A193 GR 8
14	填料压板	Gland	A216 GR WCB	A351 GR Cf8	A216 GR WCB	A352 GR LCB
15	阀盖	Bonnet	A216 GR WCB	A351 GR CF8	A216 GR WCB	A352 GR LCB
16	阀杆螺母	Stem Nut	B148 UNS C95600	B148 UNS C95600	B148 UNS C95600	B148 UNS C95600
17	手轮	Hand Wheel	A197	A197	A197	A197
18	手轮螺母	Hand Wheel Nut	A108 GR 1020	A182 GR F304	A108 GR 1020	A182 GR F304

提示:

- 壳体材料压力温度等级表见附录XII
- 壳体材料化学成分及力学性能见附录XI
- 内件材料及推荐服务范围见附录XIII

Remark:

- Pressure and temperature rating of casing material referred to Appendix XII
- Chemical compositions and mechanical property of casing material referred to Appendix XI
- Trim materials and recommended service coverage referred to Appendix XIII

技术规范规范 Technical Specification

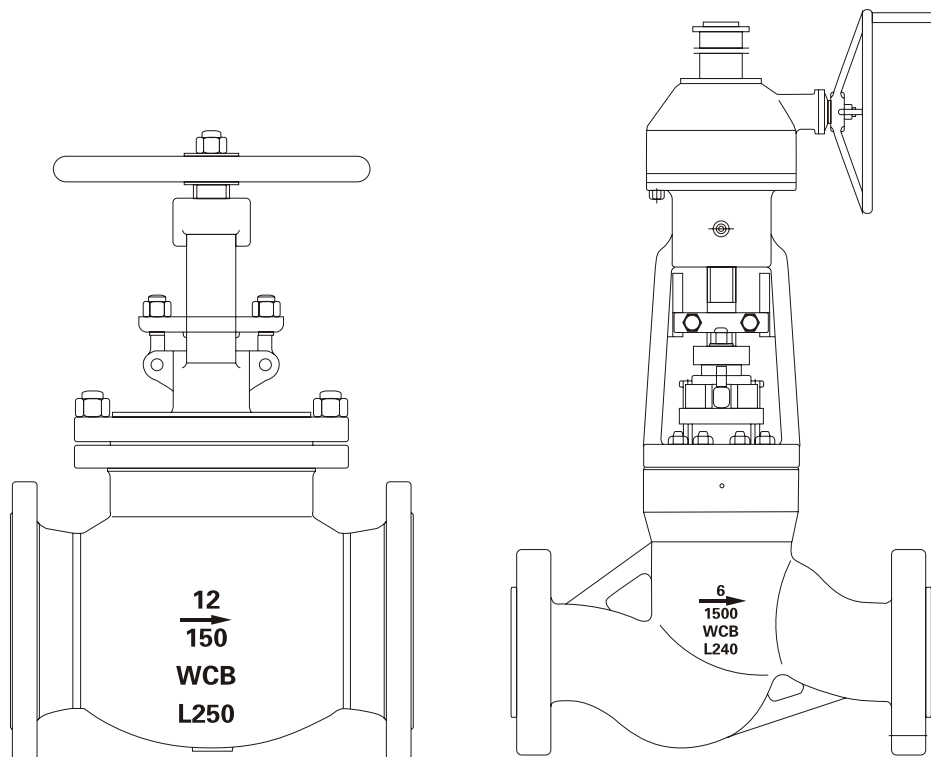
设计标准 design standard	BS1873 ASME B16.34						
压力温度等级 pressure-Temperature rating	ASME B 16.34						
结构长度 face -face	ASME B 16.10						
法兰型式尺寸 flange ends	ASME B 16.5						
对焊端连接 butt welding ends	ASME B 16.25						
检验与试验 inspection & Test	API598						
公称压力 Norminal Pressure	CL150	CL300	CL400	CL600	CL900	CL1500	
试验压力(MPa) Test Pressure	壳体试验 Shell Test	2.93	7.55	10.0	15.0	22.5	37.5
	高压密封 High Pressure Seal Test	2.07	5.52	7.31	11.03	16.5	27.5
	低压密封 Low Pressure Seal Test	0.6					
适用温度 Applicable Temperature	-196℃~550℃(不同的工况温度选用不同材质) Different raw material for different work temperature						
适用介质 Applicable Medium	水、油、气及各类腐蚀性介质(不同的介质选用不同材质) Water, oil, gas and other causticity medium(Different raw material for different medium)						

BS铸钢截止阀 BS CAST STEEL GLOBE VALVE

BS铸钢截止阀供货范围 BS Cast steel Globe Valve Product Line

规格化SIZE		压力 Pressure(CLASS)															
		栓接阀盖 Bolted Bonnet					压力密封阀盖 Pressure Sealed Bonnet										
DN	NPS	手动 Hand operated					齿轮传动 Gear operated					手动 Hand operated			齿轮传动 Gear operated		
		150	300	600	900	1500	150	300	600	900	1500	600	900	1500	600	900	1500
40	1-1/2	*	*	*													
50	2	*	*	*													
65	2-1/2	*	*	*													
80	3	*	*	*	*	*						*	*	*			
100	4	*	*	*	*	*						*	*	*			
150	6	*	*	*	*	*						*	*	*			
200	8	*	*	*	*						*	*	*				*
250	10	*	*						*	*	*	*				*	*
300	12	*	*						*	*					*		
350	14	*	*														
400	16	*							*								
450	18	*							*								
500	20	*							*								
600	24	*							*								

欲订购表中未列出的产品可与本公司销售部门联系。
For sizes and classes not shown, please contact our Sales Department



BS铸钢截止阀 BS CAST STEEL GLOBE VALVE

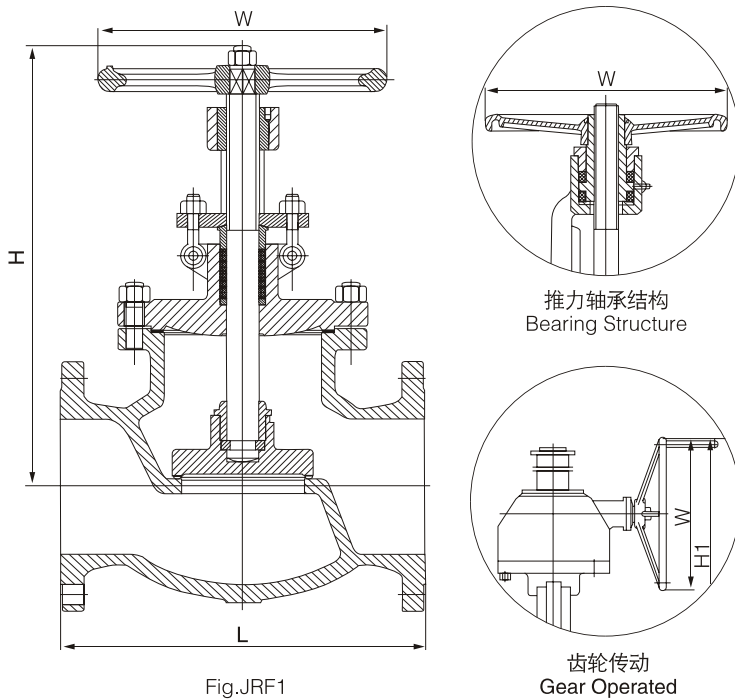


Fig.JRF1

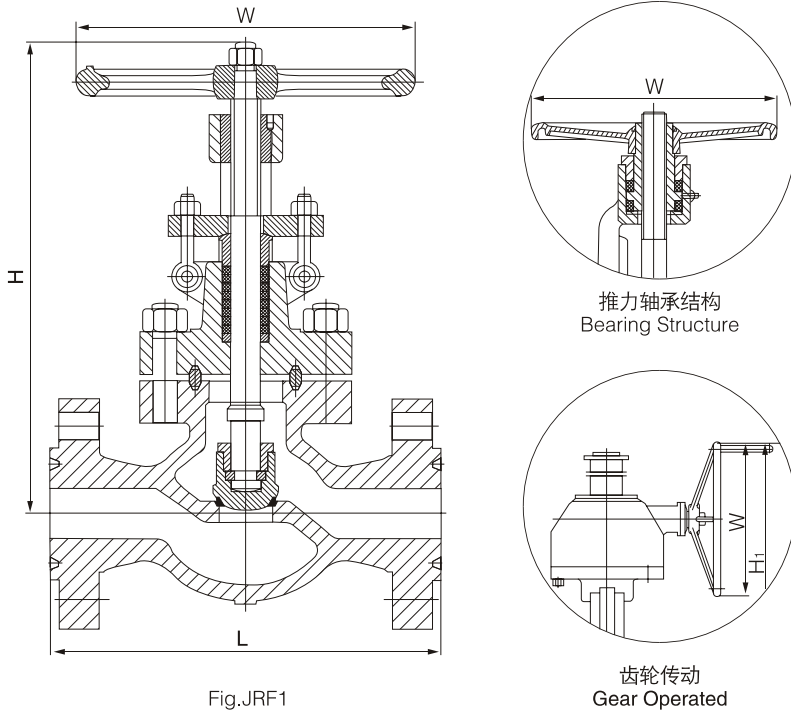
压力等级Pressure:CLASS150~300

- ◆ 栓接阀盖
- ◆ class150,14" 以上采用推力轴承设计
- ◆ class300,10" 以上采用推力轴承设计
- ◆ class300,16" 以上采用蜗轮蜗杆传动

- ◆ Bolted bonnet
- ◆ class150,14" and above: with bearing structure
- ◆ class300,10" and above: with bearing structure
- ◆ class300,16" and above: gear operated

主要外形尺寸和重量 Main dimensions & Weight

压力 CLASS	规格 Size		尺寸 Dimensions						重量weight(kg)		扭矩(N.m) Torque	Cv值
	mm	in.	L(RF)	L(BW)	L(RJ)	H	H1	W	RF	BW		
150	40	1-1/2	165	165	178	289	-	200	14	11	16	-
	50	2	203	203	216	343	-	200	23	19	-	-
	65	2-1/2	216	216	229	368	-	250	32	25	29	-
	80	3	241	241	254	375	-	250	38	31	45	100
	100	4	292	292	305	448	-	250	63	53	67	185
	150	6	406	406	419	584	-	350	108	90	129	440
	200	8	495	495	508	660	-	450	186	164	245	810
	250	10	622	622	635	683	-	450	271	239	385	1260
	300	12	698	698	711	794	-	610	374	326	601	1890
	350	14	787	787	800	889	-	610	610	-	649	2441
	400	16	914	914	927	-	97	720	880	-	-	3234
	450	18	977	977	-	-	1066	720	1150	-	-	4308
500	20	977	977	-	-	1117	720	1650	-	-	5364	
600	24	1295	1295	-	-	1295	850	2200	-	-	7825	
300	40	1-1/2	229	229	241	365	-	200	27	21	24	-
	50	2	267	267	283	435	-	200	36	30	30	-
	65	2-1/2	292	292	308	476	-	250	47	39	51	-
	80	3	318	318	333	479	-	250	62	50	84	100
	100	4	356	356	371	581	-	350	102	83	145	185
	150	6	444	444	460	657	-	450	176	146	319	440
	200	8	559	559	575	724	-	450	288	244	617	810
	250	10	622	622	638	800	-	860	571	505	1126	1260
	300	12	711	711	727	900	-	860	770	669	1988	1890
	350	14	838	838	-	1092	-	860	876	-	-	2441
	400	16	863	863	-	-	1371	610	1200	-	-	3234
	450	18	977	977	-	-	1473	610	1600	-	-	4183
500	20	1016	1016	-	-	1574	720	2100	-	-	5226	
600	24	1346	1346	-	-	1803	720	3150	-	-	7657	



压力等级 Pressure: CLASS 600~1500

- ◆ 栓接阀盖
- ◆ 6" 以上采用推力轴承设计
- ◆ 8" 以上采用蜗轮蜗杆传动

- ◆ Bolted bonnet
- ◆ 6" and above: with bearing structure
- ◆ 8" and above: gear operated

主要外形尺寸和重量 Main dimensions & Weight

压力 CLASS	规格 Size		尺寸 Dimensions						重量 weight(kg)		扭矩(N.m) Torque	Cv值
	mm	in.	L(RF)	L(BW)	L(RJ)	H	H1	W	RF	BW		
600	40	1-1/2	241	241	241	425	-	200	34	32	30	-
	50	2	292	292	292	460	-	250	52	44	66	-
	65	2-1/2	330	330	330	505	-	250	63	53	103	-
	80	3	356	356	359	556	-	350	87	75	175	100
	100	4	432	432	435	670	-	450	144	123	332	185
	150	6	559	559	562	905	-	610	355	298	819	440
	200	8	660	660	664	1060	-	610	555	499	1208	780
	250	10	787	787	791	-	1219	610	875	793	2266	1200
900	80	3	381	381	384	635	-	350	150	120	-	90
	100	4	457	457	460	774	-	500	247	200	-	170
	150	6	610	610	613	1041	-	500	410	-	-	400
	200	8	737	737	740	1333	-	610	790	-	-	710
	250	10	838	838	841	-	1625	610	1400	-	5145	1100
1500	80	3	470	470	473	635	-	350	122	-	-	95
	100	4	546	546	549	736	-	450	172	-	-	170
	150	6	705	705	711	1092	-	610	510	-	-	395
	200	8	832	832	841	-	1482	500	875	-	-	695
	250	10	991	991	1000	-	1549	610	1675	-	8445	1085

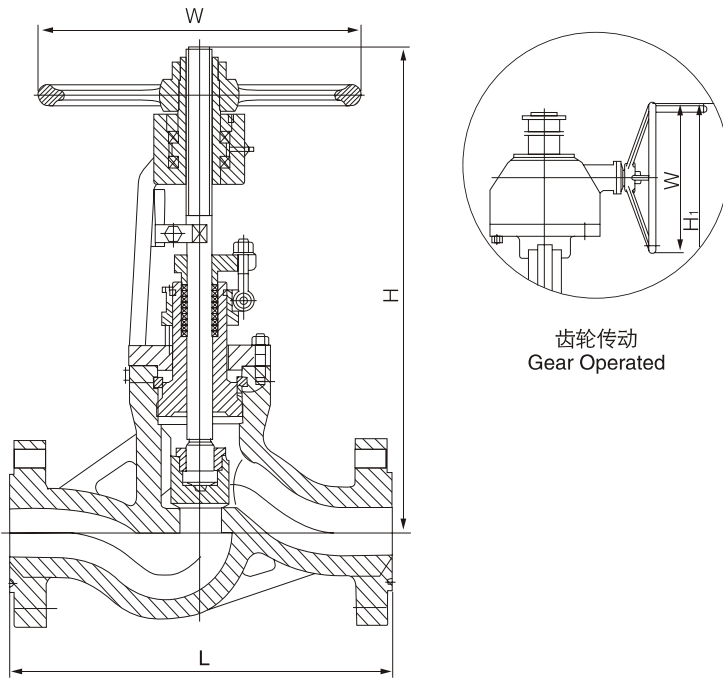


Fig.JRJ1

压力等级Pressure:CLASS600~1500

- ◆ 压力密封阀盖
- ◆ class600, 12" 以上采用齿轮传动
- ◆ class900, 10" 以上采用齿轮传动
- ◆ class1500, 8" 以上采用齿轮传动

- ◆ Pressure sealed bonnet
- ◆ class600, 12" and above
- ◆ class900, 10" and above
- ◆ class1500, 8" and above gear operated

主要外形尺寸和重量 Main dimensions & Weight

压力 CLASS	规格 Size		尺寸 Dimensions						重量weight(kg)		扭矩(N.m) Torque	Cv值
	mm	in.	L(RF)	L(BW)	L(RJ)	H	H1	W	RF	BW		
600	80	3	356	254	359	508	-	350	80	-	175	100
	100	4	432	305	435	635	-	450	135	-	332	185
	150	6	559	457	562	876	-	610	275	-	819	440
	200	8	660	584	663	990	-	610	480	-	1208	780
	250	10	787	711	781	1168	-	610	780	-	2266	1200
	300	12	838	812	841	-	1570	610	1150	-	4140	1810
900	80	3	381	305	384	635	-	350	105	-	-	105
	100	4	457	356	460	774	-	500	170	-	-	195
	150	6	610	508	613	1065	-	500	370	-	-	455
	200	8	727	660	730	1333	-	610	720	-	-	800
	250	10	838	787	841	-	1574	610	1200	-	5145	1250
1500	80	3	470	470	473	635	-	6350	-	95	-	95
	100	4	546	546	549	774	-	450	-	155	-	170
	150	6	705	705	711	1092	-	610	-	400	-	395
	200	8	832	832	841	-	1496	610	-	640	-	695
	250	10	991	991	1000	-	1549	610	-	1200	8445	1085

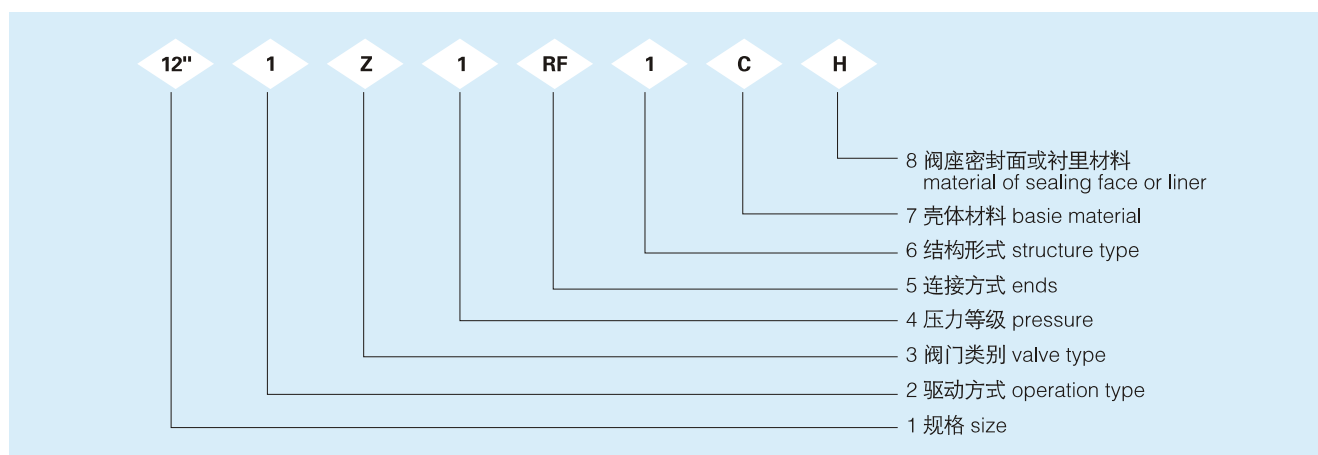
型号编制说明 FIGURE NUMBER SYSTEM

止回阀型号编制说明 Check Valve Figure Number System

1	规格 Size	英制系列以xxin表示；公制系列以xx表示，单位mm省略						
2	驱动方式 Operation Type	不适用 Not suitable						
3	阀门类别 Valve Type	H-止回阀 check Valve						
4	压力等级 Pressure	0-PN1.0	1-PN1.6 CLASS150	2-PN2.5	3-CLASS300	4-PN4.0 CLASS400	6-PN6.4 CLASS600	
		9-CLASS900	10-PN10.0	15-CLASS1500	16-PN16.0	20-PN20.0	25-CLASS2500	
5	连接方式 Ends	RF-突面法兰 Raised Face	FF-全平面法兰 Flat Face	MFM-凹凸面法兰 Male and Female Face	TG-榫槽面法兰 Tongue and Groove Face	RJ-环接面法兰 Ring Joint	BW-对接焊 Butt weld	WF-对夹焊 Wafer Type
6	结构形式 Structure Type	1-升降式 Lift Type		4-旋启单瓣式 Single Disc Swing Type		6-旋启双瓣式 Double Disc Swing Type		7-斜盘式 Tiltina Disc Type
7	壳体材料 Basic Material	C-WCB	C-C5	C6-WC6	C9-WC9	BL-LCB	CL-LCC	
		8-CF8	8M-CF8M	3-CF3	3M-CF3M	ML-MONEL		
8	* 阀座密封面或衬里材料 Material of Seat face or Liner	H-Cr13系不锈钢 Cr13 S.S		E-18-8系不锈钢 18-8 S.S		R-Mo2Ti系不锈钢 Mo2Ti S.S		
		D-渗氮钢 Nitriding Steel		M-蒙耐尔合金 Monel Alloy		Y-硬质合金 Hard Face		

- 注：1、*由阀体直接加工的阀座密封面材料代号用W表示
 2、*当密封副的密封面材料不同时，以硬度低的材料代号表示
 3、型号中未列出的其他特殊要求必须在订单中写明
 4、样本中列出的型号不涉及压力，口径及阀门的材料编号，由用户给定

- Note: 1. Use "W" to express seat sealing surface material which is processed directly by valve body.
 2. When the materials of sealing surface are different, use low hardness material symbol to express.
 3. Special Requirements not shown, should be indicated in the purchase order.
 4. The models listed in the sample book have no reference to pressure, sizes and valve material symbols, they are to be decided by users.



型号示例: For example

8" -H1RF4CH

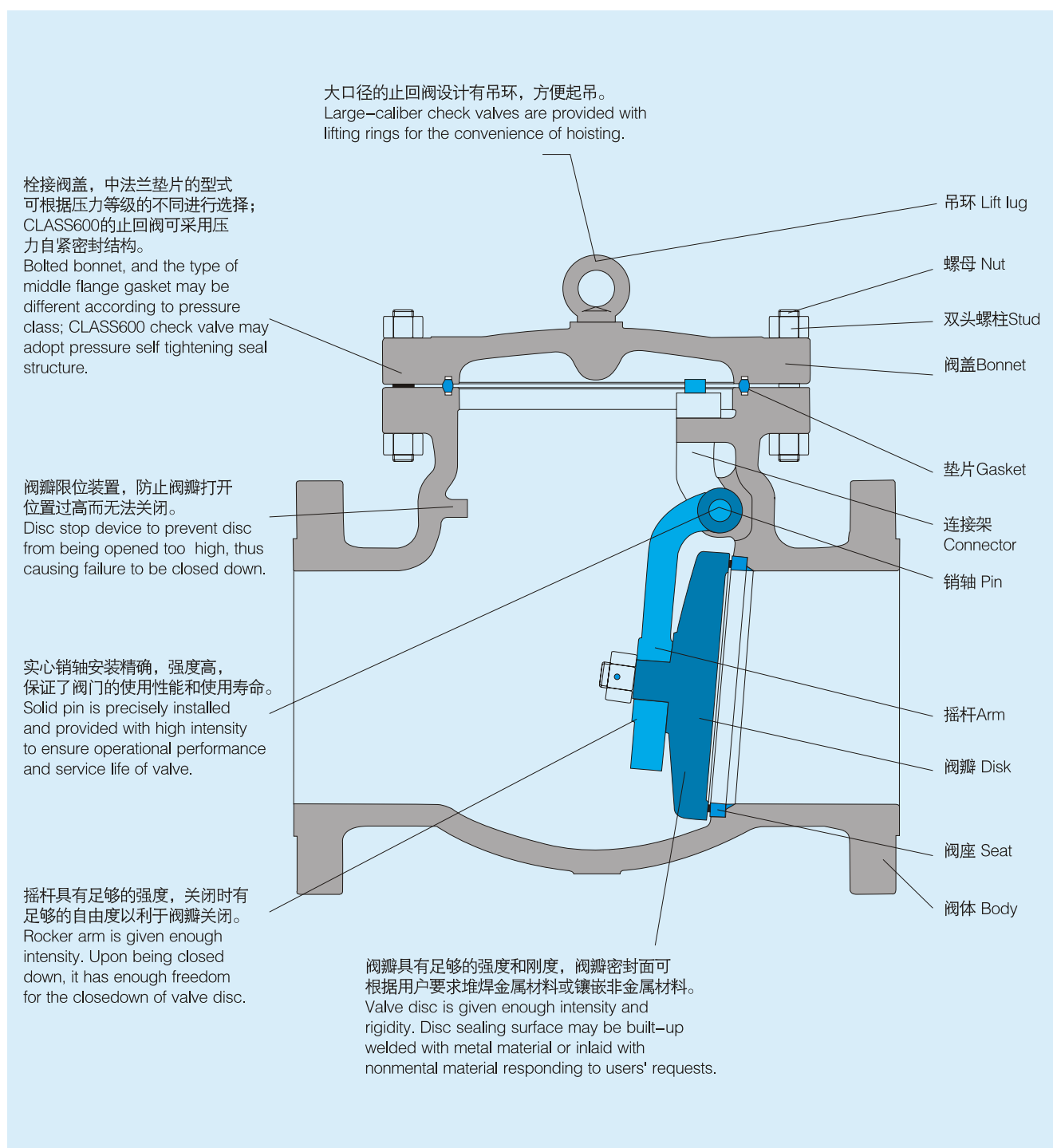
止回阀，8" ANSI CLASS150，突面法兰连接，单瓣旋启式、壳体(阀体、阀盖、闸瓣)材料WCB，阀座密封面材料13Cr。
 Check valve, 8" ANSI CLASS150, Raised Face Ends, Single Disc Swing type, Body & Bonnet & Disc Cast Steel WCB, sealing face material 13Cr.

50-H2WF68W

止回阀，DN50 PN25，对夹连接，双瓣旋启式、壳体(阀体、阀盖、闸瓣)材料CF8，阀座密封面本体加工。
 Check valve, DN50 PN25, Wafer type, Double Disc Swing type, Body & Bonnet & Disc Cast steel CF8, Seat sealing face Body machined.

旋启式止回阀 SWING TYPE CHECK VALVE

铸钢旋启式止回阀的结构特征 Structure of Cast Steel Swing type Check Valve



提示：

1. 端部连接形式见附录I
2. 阀体、阀盖连接形式见附录VIII
3. 阀体与阀座连接形式见附录VII

Remark

1. Type of end connection referred to Appendix I
2. Type of body and bonnet connection referred to Appendix VIII
3. Type of body and seat connection referred to Appendix VII

旋启式止回阀 SWING TYPE CHECK VALVE

铸钢旋启式止回阀的材料明细 Material List of Cast Steel Swing type Check Valve

GB标准材料(GB Standard Material)

序号 No .	零件名称 Part Name		碳钢系列 Carbon Steel	不锈钢系列 Stainless Steel	合金钢系列 Alloy Steel	低温钢系列 Low Temperature Steel
1	阀 体	Body	WCB	CF8	WC6	LCB
2	阀 座	Seat	25#	0Cr18Ni9(304)	0Cr18Ni9(304)	0Cr18Ni9(304)
3	阀 瓣	Disk	WCB	CF8	WC6	CFB
4	摇 杆	Arm	WCB	CF8	Wc6	CFB
5	销 轴	Pin	1Cr13	0Cr18Ni9(304)	0Cr18Ni9(304)	0Cr18Ni9(304)
6	连 接 架	Connector	WCB	CF8	WC6	LCB
7	垫 片	Gasket	柔性石墨+SS304	柔性石墨+SS304	柔性石墨+SS304	柔性石墨+SS304
8	阀 盖	Bonnet	WCB	CF8	WC6	LCB
9	双头螺柱	Stud	35CrMoA	0Cr18Ni9(304)	35CrMoA	0Cr18Ni9(304)
10	螺 母	Nut	35#	0Cr18Ni9(304)	35CrMoA	0Cr18Ni9(304)

ASTM标准材料(ASTM Standard Material)

序号 No .	零件名称 Part Name		碳钢系列 Carbon Steel	不锈钢系列 Stainless Steel	合金钢系列 Alloy Steel	低温钢系列 Low Temperature Steel
1	阀 体	Body	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
2	阀 座	Seat	ASTM A105	ASTM A105	ASTM A182 GR F304	ASTM A182 GR F304
3	阀 瓣	Disk	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
4	摇 杆	Arm	ASTM A216 GR WCB	ASTM A216 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
5	销 轴	Pin	ASTM A182 GR F6a	ASTM A276 TYPE 304	ASTM A182 GR F304	ASTM A182 GR F304
6	连 接 架	Connector	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
7	垫 片	Gasket	柔性石墨+SS304	柔性石墨+SS304	柔性石墨+SS304	柔性石墨+SS304
8	阀 盖	Bonnet	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
9	双头螺柱	Stud	ASTM A193 GR B7	ASTM A194 GR B8	ASTM A193 GR B7	ASTM A194 GR B8
10	螺 母	Nut	ASTM A194 GR 2H	ASTM A193 GR 8	ASTM A194 GR 4	ASTM A193 GR 8

提示:

- 1、壳体材料压力温度等级表见附录XII
- 2、壳体材料化学成分及力学性能见附录XI
- 3、常用内件材料的组合及使用温度见附录XIII

Remark:

- 1.Pressure and temperature rating of casing material referred to Appendix XII
- 2.Chemical compositions and mechanical property of casing material referred to Appendix XI
- 3.Commonly-used trim materials and service temperature referred to Appendix XIII

技术性能规范 Technical Specification

设计标准 Design Standard	GB/T12235		BS1868										
压力温度等级 Pressure-temperature Rating	GB/T12224		ASME B16.34										
结构长度 Face -face	GB/T12221、GB/T15188.1		ASME B16.10										
法兰型式尺寸flange Ends	GB/T9113、JB/T 79		ASME B16.5, ASME B16.47										
对焊端连接 Buttwelding Ends	GB/T12224		ASME B16.25										
检验与试验 Inspection & Test	JB/T9092、GB/T 13927		API598										
公称压力 Norminal Pressure	PN1.6	PN2.5	PN4.0	PN6.4	PN10.0	PN16.0	CL150	CL300	CL400	CL600	CL900	CL1500	
试验压力(MPa) Test Pressure	壳体试验 Shell Test	2.4	3.75	6.0	9.6	15.0	24.0	2.93	7.58	10.0	15.0	22.4	37.5
	高压密封 High Pressure Seal Test	1.76	2.75	4.4	7.04	11.0	17.6	2.07	5.52	7.31	11.03	16.54	27.5
	低压密封 Low Pressure Seal Test	0.6											
适用温度 Applicable Temperature	-196℃~550℃(不同的工况温度选用不同材质) Different raw material for different work temperature												
适用介质 Applicable Medium	水、油、气及各类腐蚀性介质(不同的介质选用不同材质) Water, oil, gas and other causticity medium(Different raw material for different medium)												



旋启式止回阀 SWING TYPE CHECK VALVE

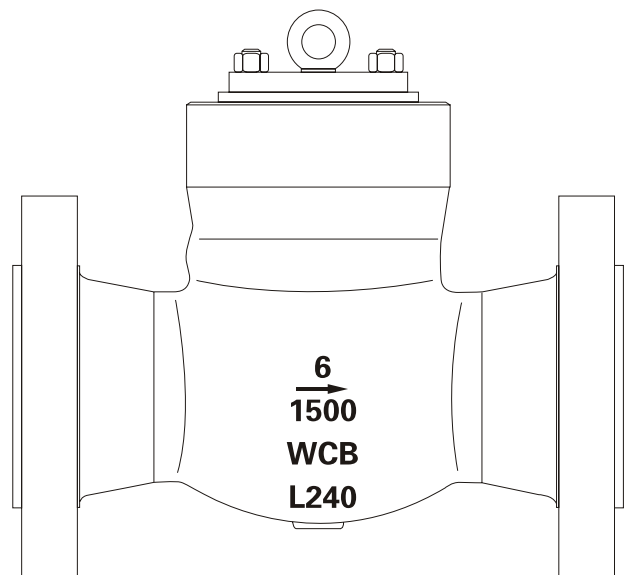
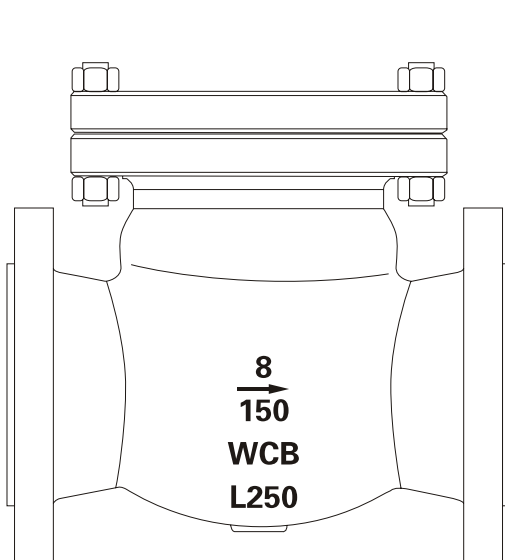
J-VALVES

铸钢旋启式止回阀供货范围 Cast Steel Swing type Check Valve Product Line

规格化SIZE		栓接阀盖 Bolted Bonnet								压力密封阀盖 Pressure Sealed Bonnet					
		GB系列				BS系列				GB系列			BS系列		
DN	NPS	PN1.6	PN2.5	PN4.0	PN6.4	PN10.0	CL150	CL300	CL600	PN16.0	PN25.0	CL600	CL900	CL1500	CL2500
40	1-1/2	*	*	*	*	*	*	*	*	*	*				
50	2	*	*	*	*	*	*	*	*	*	*	*	*	*	*
65	2-1/2	*	*	*	*	*	*	*	*	*	*	*	*	*	*
80	3	*	*	*	*	*	*	*	*	*	*	*	*	*	*
100	4	*	*	*	*	*	*	*	*	*	*	*	*	*	*
125	5	*	*	*	*	*	*	*	*	*	*	*	*	*	*
150	6	*	*	*	*	*	*	*	*	*	*	*	*	*	*
200	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*
250	10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
300	12	*	*	*	*		*	*	*			*	*	*	*
350	14	*	*	*	*		*	*	*			*	*	*	
400	16	*	*	*	*		*	*	*			*	*	*	
450	18	*	*	*	*		*	*	*			*	*	*	
500	20	*	*	*	*		*	*	*			*	*	*	
600	24						*	*	*			*	*	*	
650	26						*	*	*			*	*		
700	28						*	*	*			*	*		
750	30						*	*	*			*	*		
800	32						*	*							
900	36						*	*							

欲订购表中未列出的产品可与本公司销售部门联系。

For sizes and classes not shown, please contact our Sales Department



旋启式止回阀 SWING TYPE CHECK VALVE

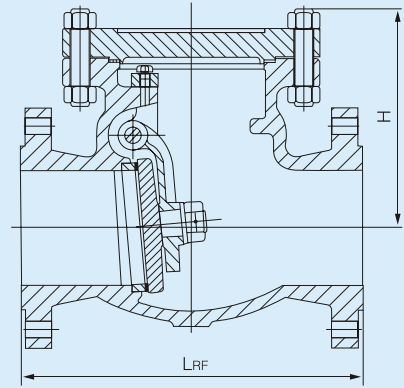


主要外形尺寸和重量 Main dimensions & Weight

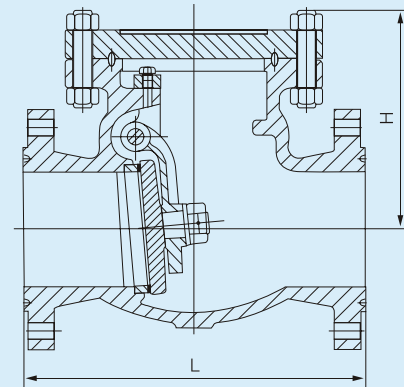
压力 CLASS	规格Size		阀门尺寸 Main Dimensions						重量weight(kg)		Cv
	mm	in.	L(RF)	L(BW)	L(RJ)	H	RF	BM			
150	40	1-1/2	165	165	178	147	13	9	-		
	50	2	203	203	216	151	17	12	-		
	65	2-1/2	216	216	229	164	23	15	-		
	80	3	241	241	254	178	29	19	285		
	100	4	292	292	305	190	40	27	520		
	150	6	356	356	368	228	78	56	1245		
	200	8	495	495	508	292	140	104	2280		
	250	10	622	622	635	304	215	178	3570		
	300	12	699	699	711	342	295	220	5300		
	350	14	787	787	800	406	408	308	6500		
	400	16	864	864	876	508	533	413	8615		
	450	18	978	978	991	584	670	530	11500		
	500	20	978	978	991	622	1000	830	14300		
	600	24	1295	1295	1308	711	1950	1710	20865		
	650	26	1295	1295	-	762	2300	2035	25165		
	700	28	1448	1448	-	838	2500	2190	29513		
750	30	1524	1524	-	889	2600	2244	33910			
800	32	1727	1727	-	1016	2800	2345	43130			
900	36	1955	1955	-	1092	3200	2613	61570			
300	40	1-1/2	241	241	254	155	17	11	-		
	50	2	267	267	283	161	20	12	-		
	65	2-1/2	292	292	308	175	24	15	-		
	80	3	318	318	333	203	45	29	285		
	100	4	356	356	371	228	65	41	515		
	150	6	445	445	460	279	115	75	1245		
	200	8	533	533	549	342	215	156	2285		
	250	10	622	622	638	381	310	220	3575		
	300	12	711	711	727	431	470	350	5345		
	350	14	838	838	854	482	550	386	6510		
	400	16	864	864	879	508	870	574	8620		
	450	18	978	978	994	584	1025	855	11155		
	500	20	1016	1016	1035	660	1500	1175	13935		
	600	24	1346	1346	1368	762	2500	2030	20420		
	650	26	1346	1346	1372	762	2800	2275	25000		
	700	28	1499	1499	1524	889	3000	2404	28750		
750	30	1594	1594	1619	977	3400	2710	33910			
800	32	1727	1727	-	1016	3700	2897	42230			
900	36	2083	2083	-	1143	4300	3330	61570			
600	50	2	292	292	295	161	34	25	-		
	65	2-1/2	330	330	333	178	45	33	-		
	80	3	356	356	359	203	60	44	285		
	100	4	432	432	435	228	95	64	520		
	150	6	559	559	562	304	200	134	1245		
	200	8	660	660	664	406	275	175	2210		
	250	10	787	787	791	469	450	280	3600		
	300	12	838	838	841	533	615	415	5120		
	350	14	889	889	892	609	850	550	6150		
	400	16	991	991	994	660	1150	720	8070		
	450	18	1092	1092	1095	774	1620	1120	10510		
	500	20	1194	1194	1200	889	2000	1400	12855		
	600	24	1397	1397	1407	965	3100	2220	18680		
	650	26	1448	1448	1461	1016	3800	3010	24600		
	700	28	1600	1600	1613	1066	4600	3724	29950		
	750	30	1651	1651	1664	1168	5500	4528	34680		

BS系列 压力等级Pressure: Class 150~600

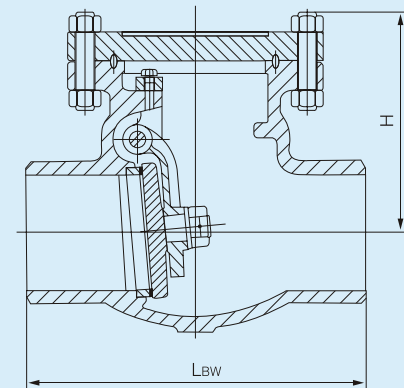
栓接阀盖
Bolted Bonnet



CLASS150-300 Fig.HRF4



CLASS600 Fig.HRJ4



CLASS600 Fig.HBW4

旋启式止回阀 SWING TYPE CHECK VALVE

主要外形尺寸和重量 Main dimensions & Weight

压力 CLASS	规格Size		阀门尺寸 Main Dimensions					重量weight(kg)		Cv
	mm	in.	L(RF)	L(BW)	L(RJ)	H	RF	BM		
600	50	2	292	178	295	225	30	22	-	
	65	2-1/2	330	216	333	240	42	30	-	
	80	3	356	254	359	254	64	48	285	
	100	4	432	305	435	279	100	67	520	
	150	6	559	457	562	368	176	110	1245	
	200	8	660	584	664	393	305	205	2210	
	250	10	787	711	791	457	495	325	3400	
	300	12	838	812	841	584	680	480	5120	
	350	14	889	889	892	609	914	600	6150	
	400	16	991	991	994	685	1236	800	8070	
	450	18	1092	1092	1095	736	1994	1490	10510	
	500	20	1194	1194	1200	762	2293	1675	12855	
	600	24	1397	1397	1407	889	3180	2300	18680	
	650	26	1448	1448	1461	1016	3500	2710	24600	
	700	28	1600	1600	1613	1066	4001	3125	29950	
750	30	1651	1651	1664	1168	4686	3710	34680		
900	50	2	368	216	371	225	40	30	-	
	65	2-1/2	419	254	422	240	60	39	-	
	80	3	381	305	384	254	116	90	260	
	100	4	457	365	460	279	146	100	485	
	150	6	610	508	613	381	348	245	1140	
	200	8	737	660	740	533	595	425	2010	
	250	10	838	787	841	558	915	675	3140	
	300	12	965	914	968	609	1230	900	4590	
	350	14	1029	991	1038	736	1635	1125	5565	
	400	16	1130	1092	1140	762	2220	1600	7270	
	450	18	1219	1219	1232	863	2840	2000	9575	
	500	20	1321	1321	1334	939	3756	2700	11820	
	600	24	1549	1549	1568	1066	6000	4100	17020	
	650	26	1701	1701	1723	1143	6375	5100	-	
	700	28	1828	1828	1850	1193	7229	5750	-	
750	30	2032	2032	2054	1270	8232	6510	-		
1500	50	2	368	216	371	225	68	48	-	
	65	2-1/2	419	254	422	240	97	65	-	
	80	3	470	305	473	254	112	90	240	
	100	4	546	405	549	279	177	115	425	
	150	6	705	559	711	405	395	250	1000	
	200	8	832	711	841	567	710	470	1750	
	250	10	991	864	1000	585	1210	800	2735	
	300	12	1130	991	1146	630	1970	1350	3990	
	350	14	1257	1067	1276	750	2600	1800	4800	
	400	16	1384	1194	1407	787	3250	2200	6265	
	450	18	1537	1537	1559	885	3960	2600	8255	
500	20	1664	1664	1686	960	4400	2700	10350		
600	24	1943	1943	1972	1120	6800	4100	14865		
2500	50	2	451	279	454	225	118	80	-	
	65	2-1/2	508	330	514	249	150	102	-	
	80	3	578	368	584	254	204	120	115	
	100	4	673	457	683	279	352	220	195	
	150	6	914	610	927	420	880	540	475	
	200	8	1022	762	1038	570	1440	920	850	
	250	10	1270	914	1292	1010	2652	1692	1350	
	300	12	1422	1041	1445	1160	3756	2296	1970	

BS系列 压力等级Pressure: Class 600~2500

压力密封阀盖
Pressure sealed Bonnet

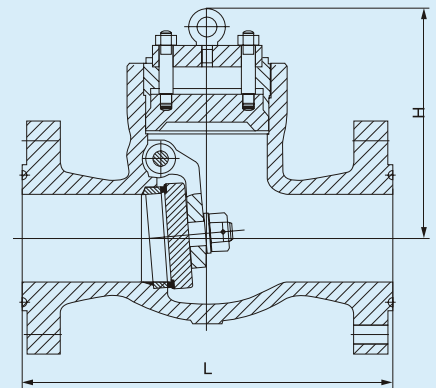


Fig.HRJ4

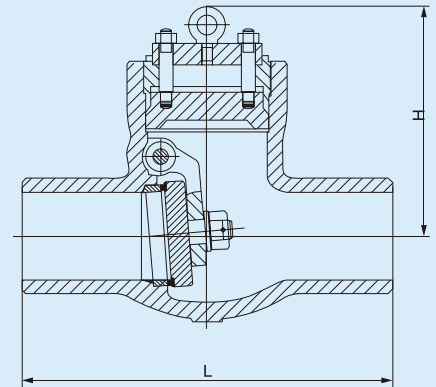


Fig.HBW4