

# FORGED STEEL VALVES

锻钢阀系列

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## 型号编制说明 FIGURE NUMBER SYSTEM

锻钢阀型号编制说明 Forged Steel Valve Figure Number System

### 球阀技术规范

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	手动(省略) Hand Operated(omit)					
3	阀门类别 Valve Type	Z-闸阀 Gate Valve	J-截止阀 Globe Valve	H-止回阀 CHECK VALVE			
4	压力等级 Pressure	1-PN1.6 class150 9-class900	2-PN2.5 10-PN10.0	3-class300 15-class1500	4-PN4.0 class400 16-PN16.0	6-PN6.4 class600 20-PN20.0	8-class800 25-class2500
5	连接方式Ends	RF-突面法兰Raised Face SW-承插焊Socket-weld	RJ环接面法兰Ring Joint G-550 锥管螺纹(RC)	MFM凹凸面法兰Male and Female Face T-60° 锥管螺纹(NPT)	BW对接焊Butt-weld Tg槽槽面TG Tongued and Grooved		
6	结构形式 Structure Type	闸阀Gate Valve					
		BO-栓接阀盖、上螺纹式 BB-OS&Y		WO-焊接阀盖、上螺纹式 WB-OS&Y		PO-自密封阀盖、上螺纹式 PB-OS&Y	
		LO-加长阀盖、上螺纹式 LB-OS&Y		WI-焊接阀盖、下螺纹式 WB-ISRS			
		截止阀Globe Valve					
		BO-栓接阀盖、上螺纹式 BB-OS&Y		YBO-Y型、栓接阀盖、上螺纹式 Y type BB-OS&Y		WO-焊接阀盖、上螺纹式 WB-OS&Y	
PO-自密封阀盖、上螺纹式 PB-OS&Y		LO-加长阀盖、上螺纹式 LB-OS&Y		WI-焊接阀盖、下螺纹式 WB-ISRS		BI-栓接阀盖、下螺纹式 BB-ISRS	
7	壳体材料 Basic Material	止回阀Check Valve					
		BS-栓接阀盖、旋启式 BB-Swing		PS-自密封阀盖、旋启式 PB-Swing		LB-栓接阀盖、升降式 BC-Lift	
		PL-自密封阀盖、升降式 PC-Lift		YBL-Y型、栓接阀盖、升降式 Y Type BC-Lift			
8	阀座密封面或衬里材料 Material of Seat face or Liner	H-Cr13系列不锈钢 Cr13 S.S D-渗氮钢 Nitriding Steel		E-18-8系不锈钢 18-8 S.S M-蒙耐尔合金 Monel Alloy		R-Mo2Ti系不锈钢 Mo2Ti S.S Y-硬质合金 Hard Face	

注： 1. 阀体加长型锻钢闸阀的连接方式以阀体凸面端连接方式代号作为标记，并在代号后面加上P，凹面端连接方式另行说明

Note: The connection of forged steel gate valve with extended body is marked by the connection codes of body raised face end, plus the letter 'P' behind. The connection of female end is separately specified.

2.\*由阀体直接加工的阀座密封面材料代号用W表示

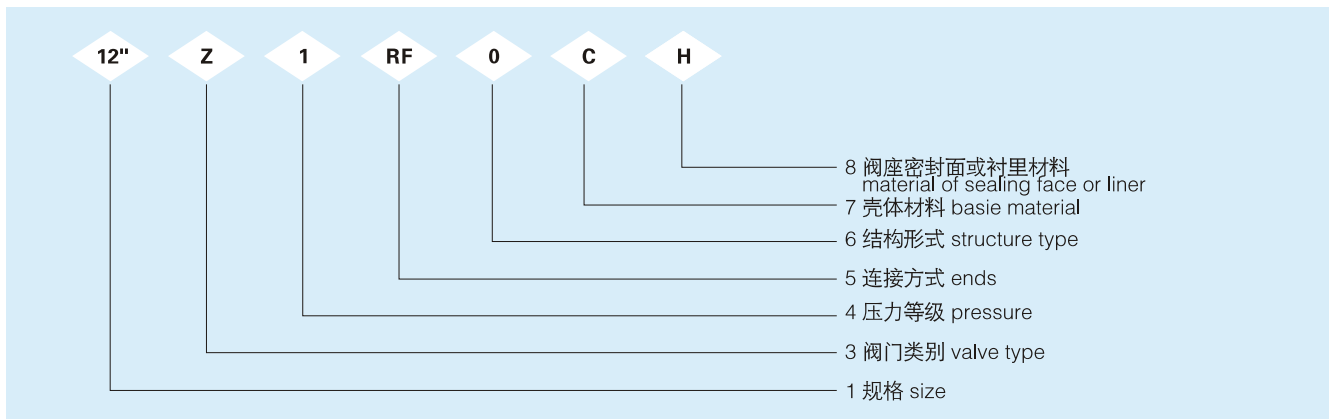
Use "W" to express seat sealing surface material which is processed directly by valve body.

3.\*当密封副的密封面材料不同时，以硬度低的材料代号表示

Special Requirements not shown, should be indicated in the purchase order

4. 样本中列出的型号不涉及口径及阀门的材料编号，由客户给定

The models listed in the sample book have no reference to sizes and valve material symbols, they are to be decided by users.



#### 型号示例: For example

1"-Z15BWPBCY

闸阀, 1" ANSI CLASS1500, 对焊连接, 自密封阀盖、明杆升降式、壳体(阀体、阀盖、闸板)材料A105, 阀座密封面材料STL。

Gate valve, 1" ANSI CLASS1500, Buttweld Ends, Pressure sealing Bonnet, Bolted Cover, Body&Bonnet&Wedge Forged Steel A105, Seat sealing face material STL.

2"-H8TBS8W

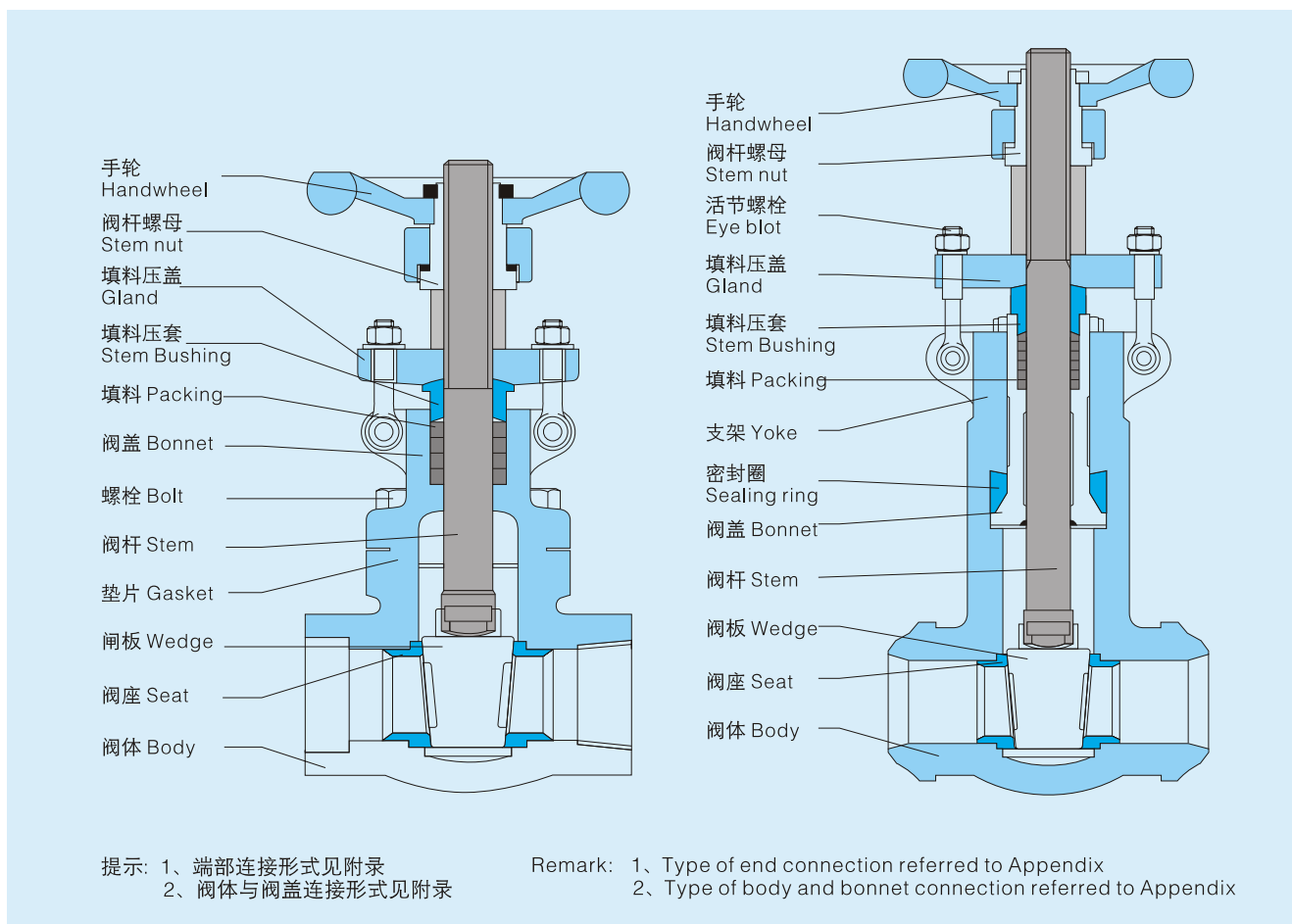
止回阀, 2" ANSI CLASS800, NPT锥管螺纹连接, 栓接阀盖, 旋转式, 壳体(阀体、阀盖、闸板)材料A304, 阀座密封面本体加工。

Check valve, 2" ANSI CLASS800, NPT End, Bolted Bonnet, Swing Type Body & Bonnet & Disc Stainless Steel F34, Seat sealing face Body machined.

# 锻钢闸阀 FORGED STEEL GATE VALVE



锻钢闸阀的结构图 Design of Forged Steel Gate Valve



## 主要零件材料 Material List For Main Parts

序号 No.	零件名称 Part name		ASTM材料			
			碳钢Carbon Steel		不锈钢tailess Steel	合金钢Alloy Steel
1	阀体	Body	A105	LF2/LF3	A182 F304	A182 F11/F22
2	阀座	Seat	A182F6a	A182F6a	A182 F304	A182 F11/F22
3	闸板	Wedge	A182F6a	A182F6a	A182 F304	A182 F6a
4	阀杆	Stem	A276-410	A276-410	A276-304	A276-410
5	垫片	Gasket	柔性石墨+304 Graphite+304			
6	密封圈	Sealing ring	柔性石墨 Graphite			
7	支架	Yoke	A216-WCB	A216-WCB	A351 CF8	A216-WCB
8	阀盖	Bonnet	A105	A350 LF2/LF3	A182 F304	A182 F11/F22
9	螺栓	Bolt	A193 B7	A320 L7	A193 B8	A193 B16
10	填料	Packing	柔性石墨 Graphite			
11	填料压套	Stem Bushing	A276-410	A276-410	A276-304	A276-410
12	填料压盖	Gland	A216-WCB	A216-WCB	A351 CF8	A216-WCB
13	活节螺栓	Eye blot	A193 B7	A320 L7	A193 B8	A193 B7
14	阀杆螺母	Stem nut	A276-410			
15	手轮	Handwheel	A197或A47-32510			

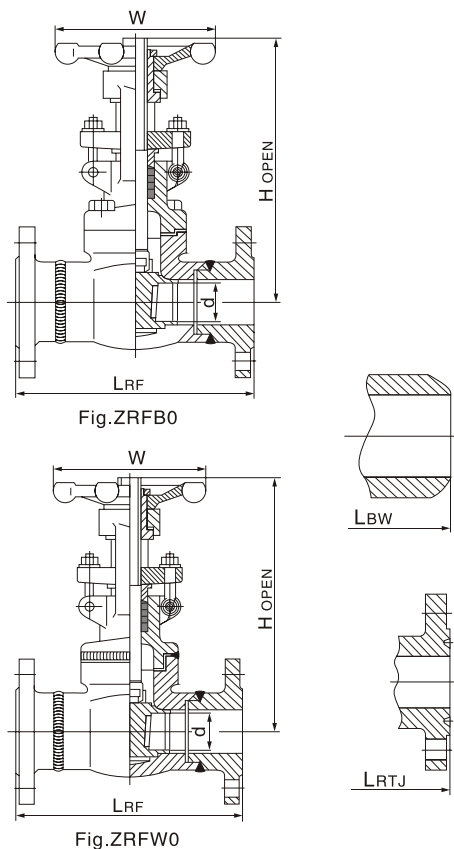
## 锻钢闸阀 FORGED STEEL GATE VALVE

锻钢闸阀供货范围 Forged Steel Gate Valve Product Line

连接方式 Ends	通径形式 Port	结构形式 Structure	压力 Pressure		规格(Size)									
					8	10	15	20	25	32	40	50	65	
			PN	CLASS	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	
法兰、对焊 Flange、Buttweld	缩径 RP	栓接/焊接阀盖-上螺纹式 BB/WB-OS&Y	1.6~10.0	150			*	*	*	*	*	*	*	
				300			*	*	*	*	*	*	*	
				600			*	*	*	*	*	*	*	
法兰、对焊 Flange、Buttweld	全径 FP	栓接/焊接/自密封阀盖-上螺纹式 BB/WB/PB-OS&Y	16.0~26.0	900			*	*	*	*	*	*		
				1500			*	*	*	*	*	*		
法兰、对焊 Flange、Buttweld	缩径 RP	焊接/自密封阀盖-上螺纹式 WB/PB-OS&Y	16.0~42.0	900			*	*	*	*	*	*		
				1500			*	*	*	*	*	*		
				2500			*	*	*	*	*	*		
螺纹、承插焊 Threaded、Socket	缩径 RP	栓接/焊接阀盖-上螺纹式/下螺纹式 BB/WB OS&Y/ISRS	1.6~10.0	150	*	*	*	*	*	*	*	*		
				300	*	*	*	*	*	*	*	*		
				600	*	*	*	*	*	*	*	*		
				800	*	*	*	*	*	*	*	*		
螺纹、承插焊 Threaded、Socket	全径 FP	栓接/焊接阀盖-上螺纹式/下螺纹式 BB/WB OS&Y/ISRS	1.6~10.0	150	*	*	*	*	*	*	*	*		
				300	*	*	*	*	*	*	*	*		
				600	*	*	*	*	*	*	*	*		
				800	*	*	*	*	*	*	*	*		
螺纹、承插焊 Threaded、Socket	全径 FP	栓接/焊接/自密封阀盖-上螺纹式 BB/WB/PB-OS&Y	16.0~26.0	900	*	*	*	*	*	*	*	*		
				1500	*	*	*	*	*	*	*	*		
法兰、对焊、螺纹、承插焊 Flange、Buttweld Threaded、Socket	全径 FP	栓接加长阀盖-上螺纹式(低温) BB/LB-OS&Y	1.6~10.0	150			*	*	*	*	*	*		
				300			*	*	*	*	*	*	*	
				600			*	*	*	*	*	*	*	
				800			*	*	*	*	*	*	*	
加长端-对焊、螺纹、承插焊 Buttweld、Threaded、Socket 凹面端-螺纹、承插焊 Threaded、Socket	缩径 RP	栓接/焊接阀盖-上螺纹式 BB/WB-OS&Y	-	800			*	*	*	*	*	*		
	缩径 RP		-	1500			*	*	*	*	*	*		

### 性能规范 Performance Specification

公称压力 Norminal Pressure		CLASS							PN							
		150	300	600	800	900	1500	2500	1.6	2.5	4.0	6.4	10.0	16.0	26.0	42.0
试验压力 (Mpa) Test Pressure	壳体试验 Shell Test	2.93	7.55	10.0	20.1	15.0	37.5	63.0	2.4	3.75	6.0	9.6	15.0	24.0	39.0	63.0
	高压密封 High Pressure Seal Test	2.07	5.52	7.31	14.7	11.03	27.5	16.2	1.76	2.75	4.4	7.04	11.0	17.6	28.6	46.2
	低压密封 Low Pressure Seal Test	0.6														
适用温度 Applicable Temperature		≤425°C														
适用介质 Applicable Medium		水、油、气 Water、oil & gas														



**压力 Pressure:CLASS150~600**

- ◆ 栓接阀盖或焊接式阀盖  
Bolted bonnet or welded bonnet
- ◆ 缩径  
Reduced Port
- ◆ 刚性闸板  
Solid wedge gate
- ◆ 法兰连接或对焊连接  
Flange ends or Butt-welding ends

**技术规范 Technical Specification**

设计标准 Design Standard	ASME B16.34/API600
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
对焊端连接 Butt-welding Ends	ASME B16.25
检验与试验 Inspection & Test	API598

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension						重量 Weight(kg)
	mm	in.	d(缩径)	LRF	LBW	LRTJ	H	W	
CLASS150	15	1/2	10	108	108	119	162	100	3.0
	20	3/4	12.7	117	117	130	162	100	3.5
	25	1	19.1	127	127	140	211	125	5.5
	32	1-1/4	24	140	140	153	238	125	6.8
	40	1-1/2	31.8	165	165	178	257	160	10.4
	50	2	38.1	178	216	190	282	180	14.4
CLASS300	65	2-1/2	48.5	190	241	203	357	200	24.5
	15	1/2	10	140	140	151	162	100	3.6
	20	3/4	12.7	152	152	165	162	100	4.9
	25	1	19.1	165	165	178	211	125	7.0
	32	1-1/4	24	178	178	191	238	125	9.4
	40	1-1/2	31.8	190	190	203	257	160	13.3
CLASS600	50	2	38.1	216	216	232	282	180	18.0
	65	2-1/2	48.5	241	241	257	357	200	26.2
	15	1/2	10	165	165	165	162	100	4.2
	20	3/4	12.7	190	190	190	162	100	5.8
	25	1	19.1	216	216	216	211	125	8.8
	32	1-1/4	24	229	229	229	238	125	12.1
CLASS600	40	1-1/2	31.8	241	241	241	257	160	15.6
	50	2	38.1	292	292	295	282	180	19.5
	65	2-1/2	48.5	330	330	333	357	200	32.0

注：H为阀门全开时的高度 Note: H means the height when valve is fully opened.

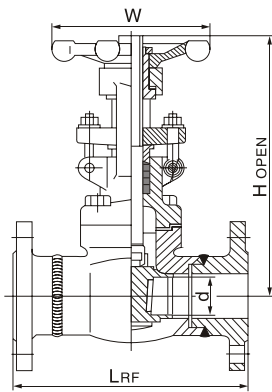


Fig.ZRFB0

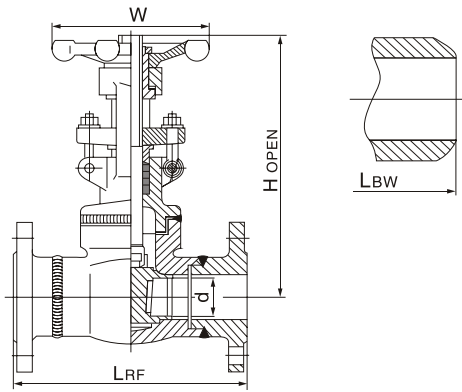


Fig.ZRFW0

**压力 Pressure:PN1.6~10.0**

- ◆ 栓接阀盖或焊接式阀盖  
Bolted bonnet or welded bonnet
- ◆ 缩径  
Reduced Port
- ◆ 刚性闸板  
solid wedge gate
- ◆ 法兰连接或对焊连接  
Flange ends or Butt-welding ends

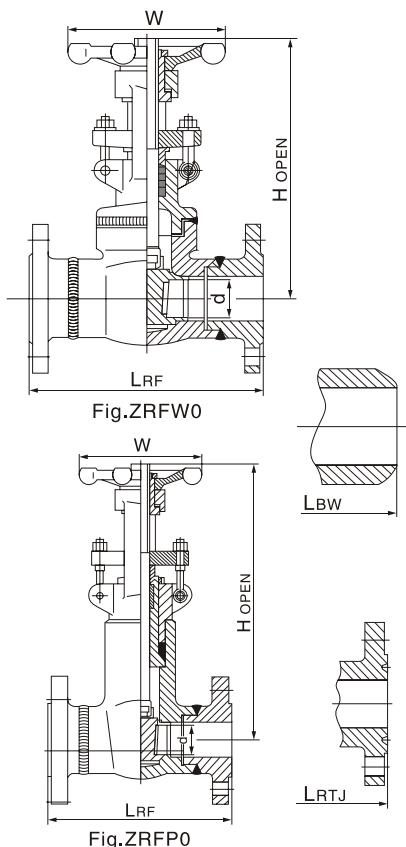
**技术规范 Technical Specification**

设计标准 Design Standard	GB/T12234 GB/T12224
压力温度等级 Pressure-Temperature Rating	GB/T12224
结构长度 Face-Face	GB/T12221 JB/T97-95
法兰型式尺寸 Flange Ends	GB/T9113 JB/T82.1-82.4
对焊端连接 Buttwelding Ends	GB/T12224
检验与试验 Inspection & Test	JB/T9092

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension					重量 Weight(kg)
	mm	in.	d(缩径)	LRF	LBW	H	W	
PN1.6/2.5	15	1 / 2	10	130	130	162	100	2.8/3.0
	20	3 / 4	12.7	150	150	162	100	3.2/3.5
	25	1	19.1	160	160	211	125	4.9/5.5
	32	1-1/4	24	180	180	238	125	5.6/6.8
	40	1-1/2	31.8	200	200	257	160	9.8/10.4
	50	2	38.1	250	250	282	180	12.8/14.4
PN4.0	65	2-1/2	50.8	265	265	357	200	23.0/24.5
	15	1 / 2	10	130	130	162	100	3.6
	20	3 / 4	12.7	150	150	162	100	4.9
	25	1	19.1	160	160	211	125	7.0
	32	1-1/4	24	180	180	238	125	9.4
	40	1-1/2	31.8	200	200	257	160	13.3
PN6.4	50	2	38.1	250	250	282	180	18.0
	65	2-1/2	50.8	280	280	357	200	26.2
	15	1 / 2	10	170	170	162	100	3.8
	20	3 / 4	12.7	190	190	162	100	5.3
	25	1	19.1	210	210	211	125	7.9
	32	1-1/4	24	230	230	238	125	10.5
PN10.0	40	1-1/2	31.8	250	250	257	160	13.8
	50	2	38.1	250	250	282	180	18.6
	65	2-1/2	50.8	280	280	357	200	27.7
	15	1 / 2	10	170	170	162	100	4.2
	20	3 / 4	12.7	190	190	162	100	5.8
	25	1	19.1	210	210	211	125	8.8
PN10.0	32	1-1/4	24	230	230	238	125	12.1
	40	1-1/2	31.8	250	250	257	160	15.6
	50	2	38.1	250	250	282	180	19.5
	65	2-1/2	50.8	280	280	357	200	32.0

注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.



**压力 Pressure:CLASS900~1500 PN16.0~26.0**

- ◆ 栓接阀盖/焊接式阀盖/自密封阀盖  
Bolted bonnet/welded bonnet/pressure sealed bonnet
- ◆ 全径  
Full Port
- ◆ 刚性闸板  
Solid wedge gate
- ◆ 法兰连接/对焊连接  
Flange ends/Butt-welding ends

**技术规范 Technical Specification**

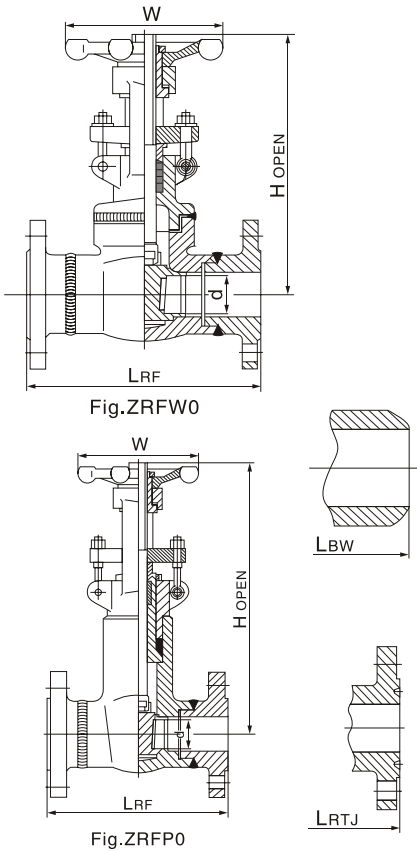
技术规范 Technical Specification	美标 ASME/API	国标 GB/JB
设计标准 Design Standard	ASME B16.34/API600	GB/T12234 GB/T12224
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	ASME B16.10	GB/T12221 JB/T97-95
法兰型式尺寸 Flange Ends	ASME B16.5	GB/T9113 JB/T82.1~82.4
对焊端连接 Butt-welding Ends	ASME B16.25	GB/T12224
检验与试验 Inspection & Test	API598	JB/T9092

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension						重量 Weight(kg)		
	mm	in.	d(缩径)	LRF	LBW	LRTJ	H		W		
							BB/WB	PB		BB/WB	PB
CLASS900/ CLASS1500	15	1 / 2	13	216	216	216	197	321	125	7.2	17.0
	20	3 / 4	18	229	229	229	211	321	125	11.5	16.7
	25	1	24	254	254	254	238	321	160	15.6	21.3
	32	1-1/4	29	279	279	279	257	380	160	16.2	24.5
	40	1-1/2	36.5	305	305	305	276	414	180	22.6	28.7
	50	2	46.5	368	368	371	320	502	240	28.2	45.8
PN16.0	15	1 / 2	13	170	170	/	197	321	125	5.2	15.0
	20	3 / 4	18	190	190	/	211	321	125	11.0	16.0
	25	1	24	210	210	/	238	321	160	15.3	21.0
	32	1-1/4	29	230	230	/	257	380	160	14.8	23.0
	40	1-1/2	36.5	260	260	/	276	414	180	20.3	26.4
	50	2	46.5	300	300	/	320	502	240	27.5	45.0
PN26.0	15	1 / 2	13	216	216	/	197	321	125	7.2	17.0
	20	3 / 4	18	229	229	/	211	321	125	11.5	16.7
	25	1	24	254	254	/	238	321	160	15.6	21.3
	32	1-1/4	29	279	279	/	257	380	160	16.2	24.5
	40	1-1/2	36.5	305	305	/	276	414	180	22.6	28.7
	50	2	46.5	368	368	/	320	502	240	28.2	45.8

注：H为阀门全开时的高度 Note: H means the height when valve is fully opened.





**压力 Pressure: CLASS900~2500 PN16.0~42.0**

- ◆ 焊接式阀盖/自密封阀盖  
Welded bonnet/Pressure sealed bonnet
- ◆ 缩径  
Reduced Port
- ◆ 刚性闸板  
Solid wedge gate
- ◆ 法兰连接/对焊连接  
Flange ends/Butt-welding ends

**技术规范 Technical Specification**

技术规范 Technical Specification	美标 ASME/API	国标 GB/JB
设计标准 Design Standard	ASME B16.34/API600	GB/T12234 GB/T12224
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	ASME B16.10	GB/T12221 JB/T97-95
法兰型式尺寸 Flange Ends	ASME B16.5	GB/T9113 JB/T82.1~82.4
对焊端连接 Buttwelding Ends	ASME B16.25	GB/T12224
检验与试验 Inspection & Test	API598	JB/T9092

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension						重量 Weight(kg)		
	mm	in.	d(缩径)	LRF	LBW	LRTJ	H		W	WB	PB
							WB	PB			
CLASS900 PN16.0	15	1 / 2	10	216	216	216	197	321	180	9.8	11.5
	20	3 / 4	13	229	229	229	211	321	180	9.7	11.2
	25	1	19	254	254	254	238	321	180	9.5	10.8
	32	1-1/4	24	279	279	279	257	380	200	17.5	18.0
	40	1-1/2	40	305	305	305	276	414	200	21.6	22.0
	50	2	50	368	368	371	320	502	300	42.7	44.0
CLASS1500 PN26.0	15	1 / 2	10	216	216	216	197	321	180	9.8	11.5
	20	3 / 4	13	229	229	229	211	321	180	9.7	11.2
	25	1	19	254	254	254	238	321	180	9.5	10.8
	32	1-1/4	24	279	279	279	257	380	200	17.5	18.0
	40	1-1/2	40	305	305	305	276	414	200	21.6	22.0
	50	2	50	368	368	371	320	502	300	42.7	44.0
CLASS2500 PN42.0	15	1 / 2	10	264	264	264	197	321	180	12.3	13.0
	20	3 / 4	13	273	273	273	211	321	180	12.1	12.7
	25	1	19	308	308	308	238	321	180	11.8	12.5
	32	1-1/4	24	349	349	352.2	257	380	200	20.9	21.8
	40	1-1/2	40	384	384	387.2	276	414	200	27.5	29.3
	50	2	50	451	451	454.2	320	502	300	53.3	55.4

注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.

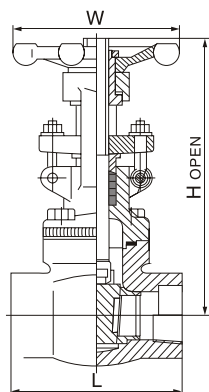


Fig.SW(I)B0

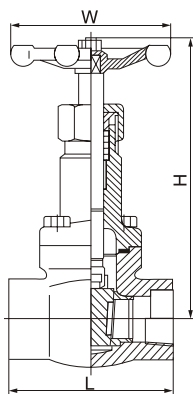


Fig.SW(T)BI

压力 Pressure:CLASS150~600&CLASS800 PN1.6~10.0

- ◆ 栓接阀盖或焊接阀盖  
Bolted bonnet or welded bonnet
- ◆ 上螺纹或下螺纹阀杆  
Outside screw Stem or Inside screw Stem
- ◆ 全径或缩径 Full port or reduced port
- ◆ 刚性闸板 Solid wedge gate
- ◆ 螺纹连接或承插焊连接  
Treaded ends or SW ends

技术规范 Technical Specification

技术规范 Technical Specification	美标 ASME/API	国标 GB/JB
设计标准 Design Standard	API602	JB/T7746
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	工厂标准 Factory Standard	JB/T7746
承插焊端连接 Socket-welded Ends	ASME B16.11	JB/T1751
螺纹连接 Threaded Ends	ASME B1.20.1	GB/T7306
检验与试验 Inspection & Test	API598	JB/T9092

主要外形尺寸和重量 Main Dimensions & Weight

压力 Pressure	结构形式 Structure	规格 Size				阀门尺寸 Valve Main Dimension						重量 Weight(kg)	
		mm		in.		d		L	H	W	缩径	全径	
		全径	缩径	全径	缩径	全径	缩径						
CLASS 150~600 CLASS800 PN1.6~10.0	上螺纹式 OS&Y	8	-	1/4	-	7	-	79	166	100	2.2	-	
		10	8	3/8	1/4	10	7	79	166	100	2.2	2.2	
		15	10	1/2	3/8	10	10	79	166	100	2.2	2.2	
		20	15	3/4	1/2	13	13	92	169	100	2.2	2.2	
		25	20	1	3/4	18	18	111	193	125	4.7	4.3	
		32	25	1-1/4	1	24	24	120	236	160	5.9	5.9	
		40	32	1-1/2	1-1/4	29	29	120	146	160	6.9	6.9	
		50	40	2	1-1/2	36.5	36.5	140	283	180	11.1	11.1	
		-	50	-	2	-	46.5	178	330	200	-	15.2	
CLASS 150~600 CLASS800 PN1.6~10.0	下螺纹式 ISRS	8	-	1/4	-	7	-	79	169	100	2.2	-	
		10	8	3/8	1/4	10	7	79	169	100	2.2	2.4	
		15	10	1/2	3/8	10	10	79	169	100	2.2	2.4	
		20	15	3/4	1/2	13	13	92	182	100	2.2	2.3	
		25	20	1	3/4	18	18	111	208	125	4.6	4.8	
		32	25	1-1/4	1	24	24	120	254	160	5.9	6.1	
		40	32	1-1/2	1-1/4	29	29	120	290	160	6.9	7.2	
		50	40	2	1-1/2	36.5	36.5	140	330	180	11.1	11.2	
		-	50	-	2	-	46.5	178	372	200	-	14.1	

注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.

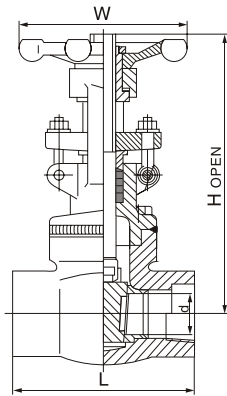


Fig.ZSW(T)B0

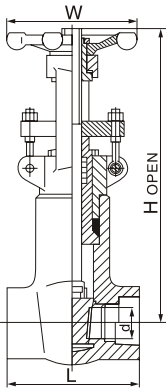


Fig.ZSW(T)P0

**压力 Pressure:CLASS900~1500 PN16.0~26.0**

- ◆ 栓接阀盖/焊接阀盖/自密封阀盖  
Bolted bonnet/Welded bonnet/Pressure sealed bonnet
- ◆ 全径  
Full Port
- ◆ 刚性闸板  
Solid wedge gate
- ◆ 螺纹连接或承插焊连接  
Treated ends or SW ends

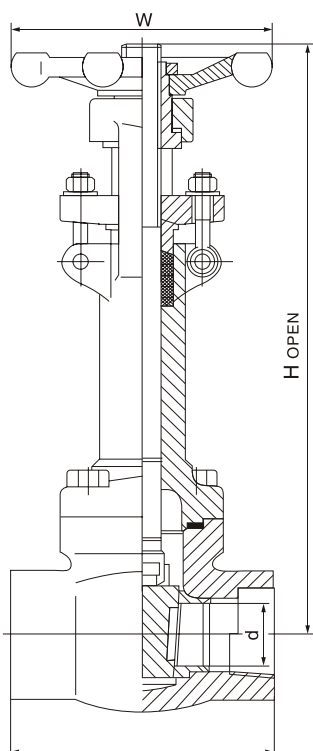
**技术规范 Technical Specification**

技术规范 Technical Specification	美标 ASME/API	国标 GB/JB
设计标准 Design Standard	API602	JB/T7746
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	工厂标准 Factory Standard	JB/T7746
承插焊端连接 Socket-welded Ends	ASME B16.11	JB/T1751
螺纹连接 Threaded Ends	ASME B1.20.1	GB/T7306
检验与试验 Inspection & Test	API598	JB/T9092

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension								重量 Weight(kg)	
	mm	in.	d(全径)		L		H		W		BB/WB	PB
			BB/WB	PB	BB/WB	PB	BB/WB	PB	BB/WB	PB		
CLASS900 PN16.0	8	1 / 4	7	-	102	-	166	-	120	-	3.6	-
	10	3 / 8	10	-	102	-	166	-	120	-	3.5	-
	15	1 / 2	13	13	102	140	169	321	120	125	3.4	11.5
	20	3 / 4	18	18	111	140	193	321	125	125	3.8	11.0
	25	1	24	24	120	140	230	321	160	160	7.8	10.2
	32	1-1/4	29	29	120	178	246	380	160	160	11.9	20.5
	40	1-1/2	36.5	36.5	140	178	283	414	180	180	12.2	21.7
CLASS1500 PN26.0	8	1 / 4	7	-	102	-	166	-	120	-	3.6	-
	10	3 / 8	10	-	102	-	166	-	120	-	3.5	-
	15	1 / 2	13	13	102	140	169	321	120	125	3.4	11.5
	20	3 / 4	18	18	111	140	193	321	125	125	3.8	11.0
	25	1	24	24	120	140	230	321	160	160	7.8	10.2
	32	1-1/4	29	29	120	178	246	380	160	160	11.9	20.5
	40	1-1/2	36.5	36.5	140	178	293	414	180	180	12.2	21.7
50	2	46.5	46.5	178	216	330	502	200	240	21.9	43.5	

注：H为阀门全开时的高度 Note: H means the height when valve is fully opened.



**压力 Pressure:CLASS150~800 PN1.6~10.0**

- ◆ 栓接加长阀盖(低温)  
Bolted & lengthened bonnet(low temp.)
- ◆ 全径 Full Port
- ◆ 刚性闸板 Solid wedge gate
- ◆ 法兰连接/对焊连接/螺纹连接/承插焊连接  
Flange ends / Butt-welding ends Treaded ends / SW ends

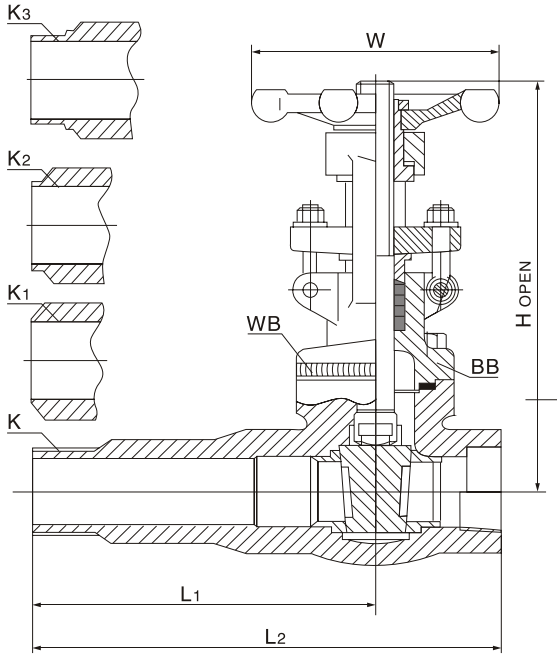
**技术规范 Technical Specification**

技术规范 Technical Specification	美标 ASME/API	国标 GB/JB
设计标准 Design Standard	API602/API600	JB/T7749 GB/T12234
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
法兰连接结构长度 Face-Face	ASME B16.10	GB/T12221 JB/T7746 JB/T97-95
法兰型式尺寸 Flange Ends	ASME B16.5	GB/T9113 JB/T 82.1~82.4
对焊端连接 Butt-welding Ends	ASME B16.25	GB/T12224
承插焊端连接 Socket-welded Ends	ASME B16.11	JB/T1751
螺纹连接 Threaded Ends	ASME B1.20.1	GB/T7306
检验与试验 Inspection & Test	API598	JB/T9092

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension					H	W	重量 Weight(kg)
	mm	in.	d(全径)	L						
				RF/MFM	BW	SW	G/T			
CLASS150 CLASS300	15	1/2	13	140	140	92	92	333	125	7.1
	20	3/4	18	152	152	111	111	360	125	9.4
	25	1	24	165	165	120	120	407	160	13.5
	32	1-1/4	29	178	178	120	120	475	160	15.0
	40	1-1/2	36.5	190	190	140	140	475	180	17.8
CLASS600	50	2	46.5	216	216	178	178	551	200	28.0
	15	1/2	13	165	165	92	92	333	125	7.1
	20	3/4	18	190	190	111	111	360	125	9.4
	25	1	24	216	216	120	120	407	160	13.5
	32	1-1/4	29	229	229	120	120	475	160	15.0
CLASS800	40	1-1/2	36.5	241	241	140	140	475	180	17.8
	50	2	46.5	292	292	178	178	551	200	28.0
	15	1/2	13	-	-	92	92	333	125	7.1
	20	3/4	18	-	-	111	111	360	125	9.4
	25	1	24	-	-	120	120	407	160	13.5
PN1.6~4.0	32	1-1/4	29	-	-	120	120	475	160	15.0
	40	1-1/2	36.5	-	-	140	140	475	180	17.8
	50	2	46.5	-	-	178	178	551	200	28.0
	15	1/2	13	130	130	92	92	333	125	7.1
	20	3/4	18	150	150	111	111	360	125	9.4
PN6.4~10.0	25	1	24	160	160	120	120	407	160	13.5
	32	1-1/4	29	180	180	120	120	475	160	15.0
	40	1-1/2	36.5	200	200	140	140	475	180	17.8
	50	2	46.5	250	250	178	178	551	200	28.0
	15	1/2	13	170	170	92	92	333	125	7.1
PN6.4~10.0	20	3/4	18	190	190	111	111	360	125	9.4
	25	1	24	210	210	120	120	407	160	13.5
	32	1-1/4	29	230	230	120	120	475	160	15.0
	40	1-1/2	36.5	250	250	140	140	475	180	17.8
	50	2	46.5	250	250	178	178	551	200	28.0

注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.



压力 Pressure:CLASS800&1500

- ◆ 栓接阀盖/焊接阀盖  
Bolted & Welded bonnet
- ◆ 缩径 Reduced Port
- ◆ 刚性闸板 Solid wedge gate
- ◆ 螺纹连接/承插焊连接(凹面端)  
Treaded ends / SW ends
- ◆ 对焊连接/螺纹连接/承插焊连接(加长凸面端)  
Butt-welding ends / Treaded ends / SW ends

技术规范 Technical Specification

设计标准 Design Standard	API602/API600
压力温度等级 Pressure-Temperature Rating	ASME B16.34
结构长度 Face-Face	工厂标准 Factory Standard
法兰型式尺寸 Flange Ends	ASME B16.5
对焊端连接 Buttwelding Ends	ASME B16.25
承插焊端连接 Socket-welded Ends	ASME B16.11
螺纹连接 Threaded Ends	ASME B1.20.1
检验与试验 Inspection & Test	API598

主要外形尺寸和重量 Main Dimensions & Weight

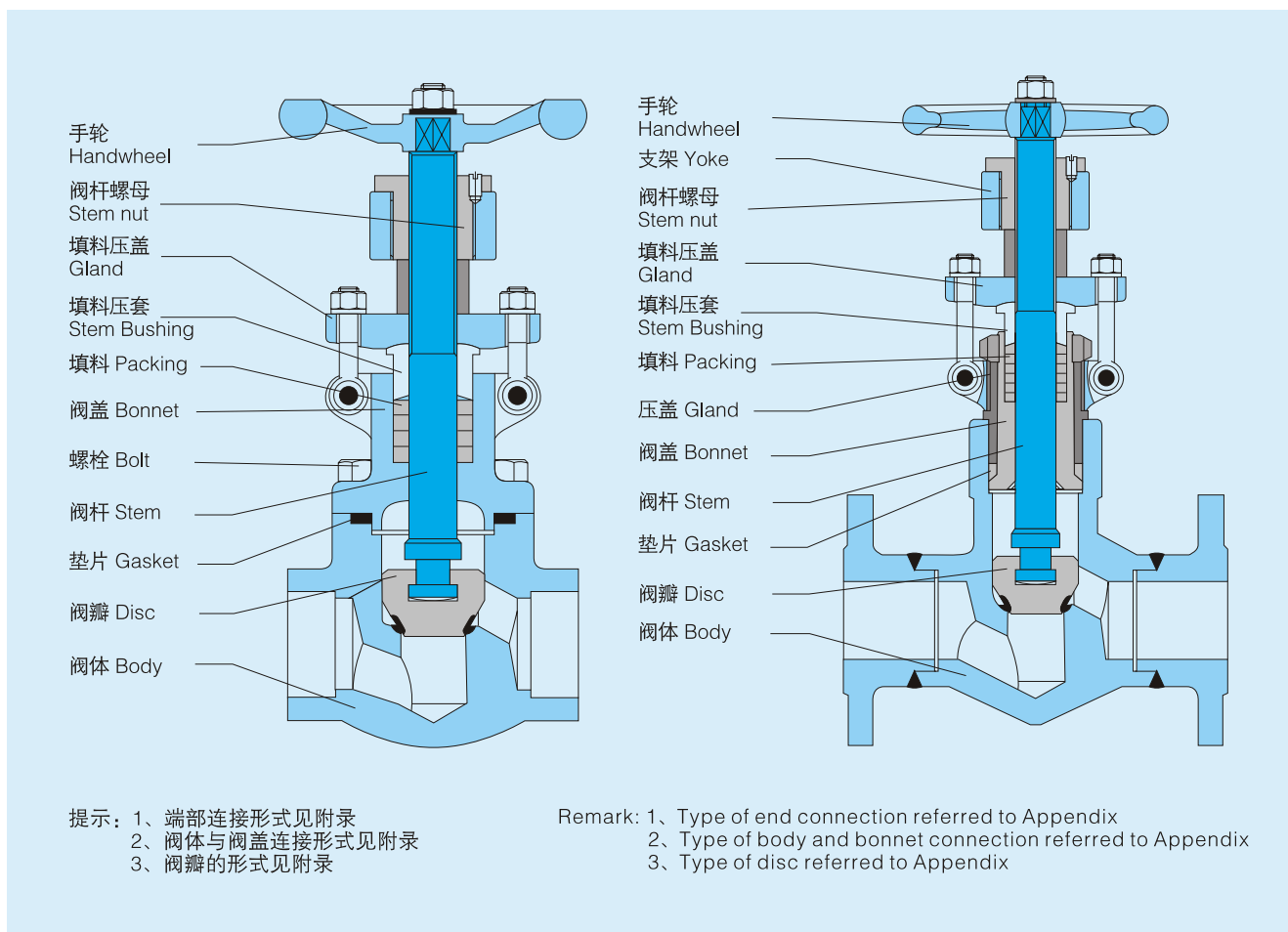
压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension										重量 Weight(kg)		
	mm	in.	d(缩径)	L1				L2				H	W	K2	K/K1/K3
				K	K1	K2	K3	K	K1	K2	K3				
CLASS800	15	1 / 2	10	108	-	152	108	153	-	192	153	151	100	2.5	2.2
	20	3 / 4	13	108	108	150	108	153	153	215	153	158	100	2.7	2.4
	25	1	19	127	127	184	127	182	182	239	182	185	125	4.5	3.4
	32	1-1/4	24	127	127	184	127	182	182	239	182	239	160	4.8	4.1
	40	1-1/2	29	152	152	193	152	216	216	258	216	243	160	8.5	8.0
	50	2	36.5	152	152	197	152	216	216	262	216	279	180	10.5	9.8
CLASS1500	15	1 / 2	10	108	-	152	108	153	-	192	153	151	100	2.5	2.2
	20	3 / 4	13	108	-	150	108	153	-	215	153	158	100	2.7	2.4
	25	1	19	127	-	184	127	182	-	239	182	185	125	4.5	3.4
	32	1-1/4	24	127	-	184	127	182	-	239	182	239	160	4.8	4.1
	40	1-1/2	29	152	-	193	152	216	-	258	216	243	160	8.5	8.0
	50	2	36.5	152	-	197	152	216	-	262	216	279	180	10.5	9.8

注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.

# 锻钢截止阀 FORGED STEEL GLOBE VALVE



锻钢截止阀的结构图 Design of Forged Steel Globe Valve



## 主要零件材料 Material List For Main Parts

序号 No.	零件名称 Part name		ASTM材料			
			碳钢Carbon Steel		不锈钢tailess Steel	合金钢Alloy Steel
1	阀体	Body	A105	LF2/LF3	A182 F304	A182 F11/F22
2	阀瓣	Disc	A182F6a	A182F6a	A182 F304	A182 F6a
3	阀杆	Stem	A276-410	A276-410	A276-304	A276-410
4	垫片	Gasket	柔性石墨+304 Graphite+304			
5	密封圈	Sealing ring	柔性石墨 Graphite			
6	支架	Yoke	A216-WCB	A216-WCB	A351 CF8	A216-WCB
7	阀盖	Bonnet	A105	A350 LF2/LF3	A182 F304	A182 F11/F22
8	压盖	Gland	A216-WCB	A216-WCB	A351 CF8	A216-WCB
9	螺栓	Bolt	A193 B7	A320 L7	A193 B8	A193 B16
10	填料	Packing	柔性石墨 Graphite			
11	填料压套	Stem Bushing	A276-410	A276-410	A276-304	A276-410
12	填料压盖	Gland	A216-WCB	A216-WCB	A351 CF8	A216-WCB
13	活节螺栓	Eye blot	A193 B7	A320 L7	A193 B8	A193 B7
14	阀杆螺母	Stem nut	A276-410			
15	手轮	Handwheel	A197或A47-32510			

## 锻钢截止阀 FORGED STEEL GLOBE VALVE

锻钢截止阀供货范围 Forged Steel Globe Valve Product Line

连接方式 Ends	通径形式 Port	结构形式 Structure	压力 Pressure		规格(Size)									
					8	10	15	20	25	32	40	50	65	
			PN	CLASS	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	
法兰、对焊 Flange、Buttweld	缩径 RP	栓接/焊接阀盖-上螺纹式 BB/WB-OS&Y	1.6~10.0	150			*	*	*	*	*	*	*	*
				300			*	*	*	*	*	*	*	*
				600			*	*	*	*	*	*	*	*
法兰、对焊 Flange、Buttweld	全径 FP	栓接/焊接/自密封阀盖-上螺纹式 BB/WB/PB-OS&Y	16.0~26.0	900			*	*	*	*	*	*	*	
				1500			*	*	*	*	*	*	*	
法兰、对焊 Flange、Buttweld	缩径 RP	焊接/自密封阀盖-上螺纹式 WB/PB-OS&Y	16.0~42.0	900			*	*	*	*	*	*	*	
				1500			*	*	*	*	*	*	*	
				2500			*	*	*	*	*	*	*	
螺纹、承插焊 Threaded、Socket	缩径 RP	栓接/焊接阀盖-上螺纹式/下螺纹式 BB/WB OS&Y/ISRS	1.6~10.0	150	*	*	*	*	*	*	*	*	*	
				300	*	*	*	*	*	*	*	*	*	
				600	*	*	*	*	*	*	*	*	*	
				800	*	*	*	*	*	*	*	*	*	
螺纹、承插焊 Threaded、Socket	全径 FP	栓接/焊接阀盖-上螺纹式/下螺纹式 BB/WB OS&Y/ISRS	1.6~10.0	150	*	*	*	*	*	*	*	*	*	
				300	*	*	*	*	*	*	*	*	*	
				600	*	*	*	*	*	*	*	*	*	
				800	*	*	*	*	*	*	*	*	*	
螺纹、承插焊 Threaded、Socket	全径 FP	栓接/焊接/自密封阀盖-上螺纹式 BB/WB/PB-OS&Y	16.0~26.0	900	*	*	*	*	*	*	*	*	*	
				1500	*	*	*	*	*	*	*	*	*	
法兰、对焊、螺纹、承插焊 Flange、Buttweld Threaded、Socket	全径 FP	栓接加长阀盖-上螺纹式(低温) BB/LB-OS&Y	1.6~10.0	150			*	*	*	*	*	*	*	
				300			*	*	*	*	*	*	*	
				600			*	*	*	*	*	*	*	
				800			*	*	*	*	*	*	*	
螺纹、承插焊 Threaded、Socket	全径 FP	Y形/栓接/焊接阀盖-上螺纹式 BB/WB-OS&Y	-	800			*	*	*	*	*	*	*	
			-	1500			*	*	*	*	*	*	*	

### 性能规范 Performance Specification

公称压力 Nominal Pressure		CLASS							PN							
		150	300	600	800	900	1500	2500	1.6	2.5	4.0	6.4	10.0	16.0	26.0	42.0
试验压力 (Mpa) Test Pressure	壳体试验 Shell Test	2.93	7.55	10.0	20.1	15.0	37.5	63.0	2.4	3.75	6.0	9.6	15.0	24.0	39.0	63.0
	高压密封 High Pressure Seal Test	2.07	5.52	7.31	14.7	11.03	27.5	16.2	1.76	2.75	4.4	7.04	11.0	17.6	28.6	46.2
	低压密封 Low Pressure Seal Test	0.6														
适用温度 Applicable Temperature		≤425°C														
适用介质 Applicable Medium		水、油、气 Water、oil & gas														

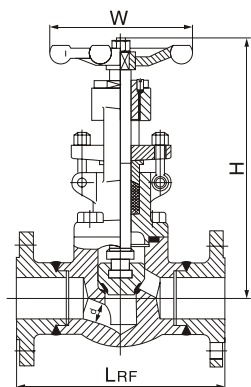


Fig. JRFBO

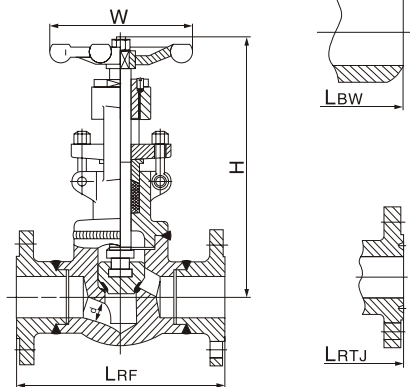


Fig. JRFWO

**压力 Pressure:CLASS150~600**

- ◆ 栓接阀盖或焊接式阀盖  
Bolted bonnet or Welded bonnet
- ◆ 缩径  
Reduced Port
- ◆ 锥形阀瓣或针形阀瓣  
General or needle type disc
- ◆ 法兰连接或对焊连接  
Flange ends or Butt-welding ends

**技术规范 Technical Specification**

设计标准 Design Standard	ASME B16.34/BS5352
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
对焊端连接 Butt-welding Ends	ASME B16.25
检验与试验 Inspection & Test	API598

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension						重量 Weight(kg)
	mm	in.	d(缩径)	LRF	LBW	LRTJ	H	W	
CLASS150	15	1/2	10	108	108	119	158	100	4.5
	20	3/4	13	117	117	130	163	100	6.9
	25	1	19.1	127	127	140	193	125	9.8
	32	1-1/4	24	140	140	152	250	160	13.5
	40	1-1/2	31.8	165	165	178	250	160	19.5
	50	2	38.1	203	203	216	291	180	28.0
	65	2-1/2	48.5	216	216	229	350	240	35.4
CLASS300	15	1/2	10	152	152	164	158	100	4.8
	20	3/4	13	178	178	190	163	100	7.7
	25	1	19.1	203	203	216	193	125	11.0
	32	1-1/4	24	216	216	229	250	160	16.8
	40	1-1/2	31.8	229	229	241	250	160	21.2
	50	2	38.1	267	267	283	291	180	32.6
	65	2-1/2	48.5	292	292	308	350	240	38.0
CLASS600	15	1/2	10	165	165	165	158	100	5.6
	20	3/4	13	190	190	190	163	100	7.8
	25	1	19.1	216	216	216	193	125	12.5
	32	1-1/4	24	229	229	229	250	160	17.0
	40	1-1/2	31.8	241	241	241	250	160	23.5
	50	2	38.1	292	292	395	291	180	38.8
	65	2-1/2	48.5	330	330	333	350	240	42.6

注：H为阀门全开时的高度 Note: H means the height when valve is fully opened.



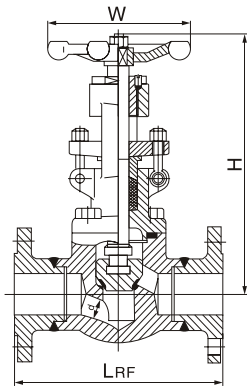


Fig. JRFBO

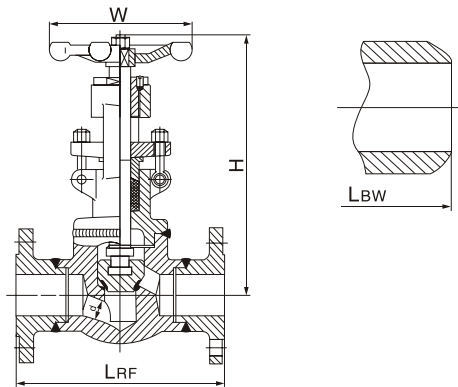


Fig. JRFWO

**压力 Pressure:PN1.6~10.0**

- ◆ 栓接阀盖或焊接式阀盖  
Bolted bonnet or Welded bonnet
- ◆ 缩径  
Reduced Port
- ◆ 锥形阀瓣或针形阀瓣  
General or needle type disc
- ◆ 法兰连接或对焊连接  
Flange ends or Butt-welding ends

**技术规范 Technical Specification**

设计标准 Design Standard	GB/T12235 GB/T12224
压力温度等级 Pressure-Temperature Rating	GB/T12224
结构长度 Face-Face	GB/T12221 JB/T96-95
法兰型式尺寸 Flange Ends	GB/T9113 JB/T82.1-82.4
对焊端连接 Butt-welding Ends	GB/T12224
检验与试验 Inspection & Test	JB/T9092

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension					重量 Weight(kg)
	mm	in.	d(缩径)	LRF	L <sub>BW</sub>	H	W	
PN1.6/2.5	15	1/2	10	130	130	158	100	3.8/4.0
	20	3/4	13	150	150	163	100	4.5/4.7
	25	1	19.1	160	160	193	125	5.6/5.8
	32	1-1/4	24	190	190	250	160	6.3/6.5
	40	1-1/2	31.8	200	200	250	160	9.1/10.7
	50	2	38.1	230	230	291	180	13.7/15.3
PN4.0	65	2-1/2	48.5	290	290	350	240	24.5/26.2
	15	1/2	10	130	130	158	100	4.3
	20	3/4	13	150	150	163	100	5.0
	25	1	19.1	160	160	193	125	6.3
	32	1-1/4	24	190	190	250	160	7.0
	40	1-1/2	31.8	200	200	250	160	12.3
PN6.4	50	2	38.1	230	230	291	180	18.8
	65	2-1/2	48.5	290	290	350	240	27.7
	15	1/2	10	170	170	158	100	4.8
	20	3/4	13	190	190	163	100	5.6
	25	1	19.1	210	210	193	125	8.0
	32	1-1/4	24	230	230	250	160	9.4
PN10.0	40	1-1/2	31.8	260	260	250	160	13.7
	50	2	38.1	300	300	291	180	23.7
	65	2-1/2	48.5	340	340	350	240	32.0
	15	1/2	10	170	170	158	100	5.4
	20	3/4	13	190	190	163	100	6.6
	25	1	19.1	210	210	193	125	9.8
PN10.0	32	1-1/4	24	230	230	250	160	10.5
	40	1-1/2	31.8	260	260	250	160	18.6
	50	2	38.1	300	300	291	180	27.6
	65	2-1/2	48.5	340	340	350	240	35.0

注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.

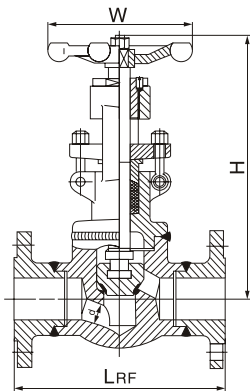


Fig. JRFW0

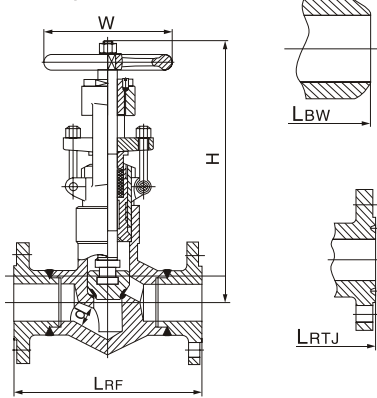


Fig. JRFP0

**压力 Pressure: CLASS900~1500 PN16.0~26.0**

- ◆ 栓接阀盖/焊接式阀盖/自密封阀盖  
Bolted bonnet/welded bonnet/pressure sealed bonnet
- ◆ 全径 Full Port
- ◆ 锥形阀瓣 General disc
- ◆ 法兰连接/对焊连接  
Flange ends /Butt-welding ends

**技术规范 Technical Specification**

技术规范 Technical Specification	ASME/API/BS	GB/JB
设计标准 Design Standard	ASME B16.34 / BS5352	GB/T12235 GB/T12224
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	ASME B16.10	GB/T12221 JB/96-95
法兰型式尺寸 Flange Ends	ASME B16.5	GB/T9113 JB/T82.1~82.4
对焊端连接 Buttwelding Ends	ASME B16.25	GB/T12224
检验与试验 Inspection & Test	API598	JB/T9092

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension						重量 Weight(kg)		
	mm	in.	d(全径)	LRF	LBW	LRTJ	H		W		
							BB/WB	PB		BB/WB	PB
CLASS900/ CLASS1500	15	1 / 2	13	216	216	216	207	207	125	7.4	15.5
	20	3 / 4	18	229	229	229	240	207	125	12.5	16.9
	25	1	24	254	254	254	258	240	160	16.0	18.9
	32	1-1/4	29	279	279	279	290	258	160	17.2	25.5
	40	1-1/2	36.5	305	305	305	337	290	180	23.0	34.3
	50	2	46.5	368	368	371.2	354	337	240	29.8	52.8
PN16.0	15	1 / 2	13	170	170	-	207	207	125	6.2	14.3
	20	3 / 4	18	190	190	-	240	207	125	10.5	15.2
	25	1	24	210	210	-	258	240	160	14.0	17.0
	32	1-1/4	29	230	230	-	290	258	160	15.0	22.6
	40	1-1/2	36.5	260	260	-	337	290	180	18.5	30.0
	50	2	46.5	300	300	-	354	337	240	25.0	48.1
PN26.0	15	1 / 2	13	216	216	-	207	207	125	7.4	15.5
	20	3 / 4	18	229	229	-	240	207	125	12.5	16.9
	25	1	24	254	254	-	258	240	160	16.0	18.9
	32	1-1/4	29	279	279	-	290	258	160	17.2	25.5
	40	1-1/2	36.5	305	305	-	337	290	180	23.0	34.3
	50	2	46.5	368	368	-	354	337	240	29.8	52.8

注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.

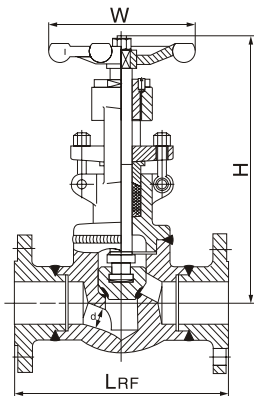


Fig. JRFW0

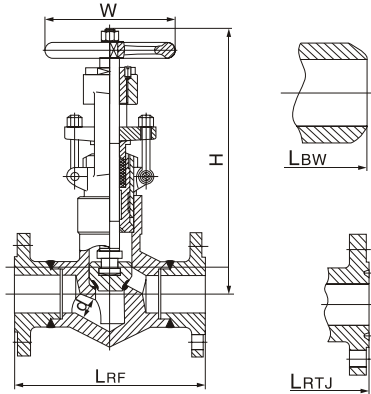


Fig. JRFP0

**压力 Pressure: CLASS900~2500 PN16.0~42.0**

- ◆ 焊接式阀盖/自密封阀盖  
Welded bonnet/Pressure sealed bonnet
- ◆ 缩径 Reduced Port
- ◆ 锥形阀瓣 General disc
- ◆ 法兰连接/对焊连接  
Flange ends / Butt-welding ends

**技术规范 Technical Specification**

技术规范 Technical Specification	ASME/API/BS	GB/JB
设计标准 Design Standard	ASME B16.34/BS5352	GB/T12235 GB/T12224
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	ASME B16.10	GB/T12221 JB/96-95
法兰型式尺寸 Flange Ends	ASME B16.5	GB/T9113 JB/T82.1~82.4
对焊端连接 Butt-welding Ends	ASME B16.25	GB/T12224
检验与试验 Inspection & Test	API598	JB/T9092

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension						重量 Weight(kg)		
	mm	in.	d(缩径)	LRF	LBW	LRTJ	H		W	WB	PB
							WB	PB			
CLASS900 PN16.0	15	1 / 2	10	216	216	216	310	333	180	13.5	12.5
	20	3 / 4	13	229	229	229	310	333	180	12.6	11.8
	25	1	19.1	254	254	254	310	333	180	11.8	11.5
	32	1-1/4	25	279	279	279	389	420	200	24.4	23.4
	40	1-1/2	32	305	305	305	389	420	200	22.5	21.7
	50	2	38.1	368	368	371.2	498	524	300	45.5	43.5
CLASS1500 PN26.0	15	1 / 2	10	216	216	216	310	333	180	13.5	12.5
	20	3 / 4	13	229	229	229	310	333	180	12.6	11.8
	25	1	19.1	254	254	254	310	333	180	11.8	11.5
	32	1-1/4	25	279	279	279	389	420	200	24.4	23.4
	40	1-1/2	32	305	305	305	389	420	200	22.5	21.7
	50	2	38.1	368	368	371.2	498	524	300	45.5	43.5
CLASS2500 PN42.0	15	1 / 2	10	264	264	264	310	333	180	14.3	13.3
	20	3 / 4	13	273	273	273	310	333	180	13.1	12.5
	25	1	19.1	308	308	308	310	333	180	12.4	11.8
	32	1-1/4	25	349	349	352.2	389	420	200	25.0	25.5
	40	1-1/2	32	384	384	387.2	389	420	200	24.2	24.6
	50	2	38.1	451	451	454.2	498	524	300	49.0	47.2

注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.

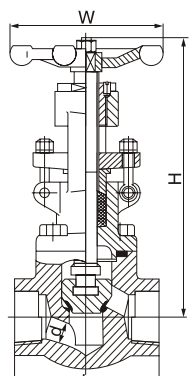


Fig. JSW(G)B0

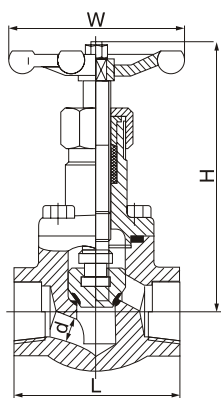


Fig. JSW(G)BI

**压力 Pressure: CLASS150~600&CLASS800 PN1.6~10.0**

- ◆ 栓接阀盖或焊接阀盖 Bolted bonnet or welded bonnet
- ◆ 上螺纹或下螺纹阀杆 Outside screw or Inside screw Stem
- ◆ 全径或缩径 Full port or reduced port
- ◆ 锥形阀瓣或针形阀瓣 General or needle type disc
- ◆ 螺纹连接或承插焊连接 Treaded ends or SW ends

**技术规范 Technical Specification**

技术规范 Technical Specification	ASME/API/BS	GB/JB
设计标准 Design Standard	Bs5352	JB/T7746
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	工厂标准 Factory Standard	JB/T7746
承插焊端连接 Socket-welded Ends	ASME B16.11	JB/T1751
螺纹连接 Threaded Ends	ASME B1.20.1	GB/T7306
检验与试验 Inspection & Test	API598	JB/T9092

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	结构形式 Structure	规格 Size				阀门尺寸 Valve Main Dimension					重量 Weight(kg)	
		mm		in.		d		L	H	W	缩径	全径
		全径	缩径	全径	缩径	全径	缩径					
CLASS 150~600 CLASS800 PN1.6~10.0	上螺纹式 OS&Y	8	-	1/4	-	7	-	79	153	100	2.2	-
		10	8	3/8	1/4	10	7	79	153	100	2.2	2.2
		15	10	1/2	3/8	10	10	79	158	100	2.2	2.2
		20	15	3/4	1/2	13	13	92	163	100	2.2	2.2
		25	20	1	3/4	18	18	111	193	125	4.7	4.3
		32	25	1-1/4	1	24	24	120	250	160	5.9	5.9
		40	32	1-1/2	1-1/4	29	29	120	250	160	6.9	6.9
		50	40	2	1-1/2	36.5	36.5	140	291	180	11.1	11.1
-	50	-	2	-	46.5	178	350	240	-	15.2		
CLASS 150~600 CLASS800 PN1.6~10.0	下螺纹式 ISRS	8	-	1/4	-	7	-	79	157	100	1.9	-
		10	8	3/8	1/4	10	7	79	157	100	1.7	2.2
		15	10	1/2	3/8	10	10	79	157	100	1.6	2.0
		20	15	3/4	1/2	13	13	92	162	100	2.1	1.9
		25	20	1	3/4	18	18	111	195	125	3.3	2.4
		32	25	1-1/4	1	24	24	120	267	160	7.5	3.5
		40	32	1-1/2	1-1/4	29	29	152	267	160	7.8	8.0
		50	40	2	1-1/2	36.5	36.5	172	301	180	11.4	8.6
-	50	-	2	-	46.5	200	312	240	-	14.4		

注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.

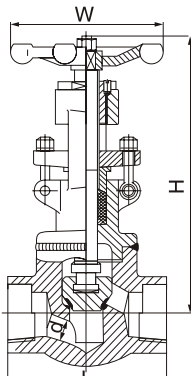


Fig. JSW(G)WO

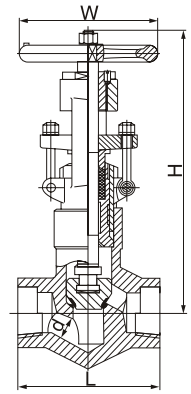


Fig. JSW(G)PO

**压力 Pressure:CLASS900~1500 PN16.0~26.0**

- ◆ 栓接阀盖/焊接式阀盖/自密封阀盖  
Bolted bonnet/Welded bonnet Pressure sealed bonnet
- ◆ 全径 Full port
- ◆ 锥形阀瓣或针形阀瓣  
General or needle type disc
- ◆ 螺纹连接或承插焊连接  
Treated ends or SW ends

**技术规范 Technical Specification**

技术规范 Technical Specification	ASME/API/BS	GB/JB
设计标准 Design Standard	BS5352	JB/T7746
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	工厂标准 Factory Standard	JB/T7746
承插焊端连接 Socket-welded Ends	ASME B16.11	JB/T1751
螺纹连接 Threaded Ends	ASME B1.20.1	GB/T7306
检验与试验 Inspection & Test	API598	JB/T9092

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension								重量 Weight(kg)	
	mm	in.	d(全径)		L		H		W		BB/WB	PB
			BB/WB	PB	BB/WB	PB	BB/WB	PB	BB/WB	PB		
CLASS900 PN16.0	8	1 / 4	7	-	111	-	207	-	100	-	2.4	-
	10	3 / 8	10	-	111	-	207	-	100	-	2.2	-
	15	1 / 2	13	13	111	140	207	207	100	125	2.0	11.2
	20	3 / 4	18	18	130	140	240	207	125	125	3.8	10.5
	25	1	24	24	152	140	258	240	160	160	4.2	10.1
	32	1-1/4	29	29	172	178	290	258	160	160	8.0	21.0
	40	1-1/2	36.5	36.5	220	178	337	290	180	180	13.2	19.6
CLASS1500 PN26.0	8	1 / 4	7	-	111	-	207	-	100	-	2.4	-
	10	3 / 8	10	-	111	-	207	-	100	-	2.2	-
	15	1 / 2	13	13	111	140	207	207	100	125	2.0	11.2
	20	3 / 4	18	18	130	140	240	207	125	125	3.8	10.5
	25	1	24	24	152	140	258	240	160	160	4.2	10.1
	32	1-1/4	29	29	172	178	290	258	160	160	8.0	21.0
	40	1-1/2	36.5	36.5	220	178	337	290	180	180	13.2	19.6
50	2	46.5	46.5	235	216	354	337	240	240	16.8	40.4	

注：H为阀门全开时的高度 Note: H means the height when valve is fully opened.

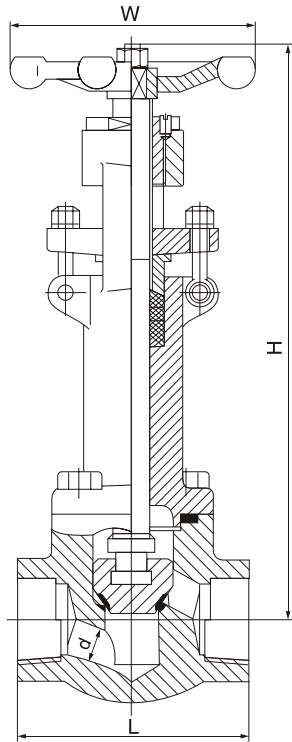


Fig.JSW(G)L0

压力 Pressure:CLASS150~800 PN1.6~10.0

- ◆ 栓接加长阀盖(低温)  
Bolted & lengthened bonnet(low temp.)
- ◆ 全径Full Port
- ◆ 锥形阀瓣 General disc
- ◆ 法兰连接/对焊连接  
Flange ends / Butt-welding ends

技术规范 Technical Specification

技术规范 Technical Specification	ASME/API/BS	GB/JB
设计标准 Design Standard	ASME B16.34 / BS5352	JB/T7749 GB/T12235
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	ASME B16.10	GB/T12221 JB/96-95
法兰型式尺寸 Flange Ends	ASME B16.5	GB/T9113 JB/T82.1~82.4
对焊端连接 Buttwelding Ends	ASME B16.25	GB/T12224
检验与试验 Inspection & Test	API598	JB/T9092

主要外形尺寸和重量 Main Dimensions & Weight

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension					H	W	重量 Weight(kg)
	mm	in.	d(全径)	L						
				RF/MFM	BW	SW	G/T			
CLASS300	15	1/2	13	152	152	92	92	339	125	7.2
	20	3/4	18	178	178	111	111	370	125	9.5
	25	1	24	203	203	120	120	410	160	13.5
	32	1-1/4	29	216	216	172	120	474	180	20.6
	40	1-1/2	36.5	229	229	172	140	474	180	19.8
CLASS600	50	2	46.5	267	267	200	178	546	200	29.0
	15	1/2	13	165	165	92	92	339	125	7.2
	20	3/4	18	190	190	111	111	370	125	9.5
	25	1	24	216	216	120	120	410	160	13.5
	32	1-1/4	29	229	229	172	120	474	180	20.6
CLASS800	40	1-1/2	36.5	241	241	172	140	474	180	19.8
	50	2	46.5	292	292	200	178	546	200	29.0
	15	1/2	13	-	-	92	92	339	125	7.2
	20	3/4	18	-	-	111	111	370	125	9.5
	25	1	24	-	-	120	120	410	160	13.5
PN1.6~4.0	32	1-1/4	29	-	-	172	120	474	180	20.6
	40	1-1/2	36.5	-	-	172	140	474	180	19.8
	50	2	46.5	-	-	200	178	546	200	29.0
	15	1/2	13	130	130	92	92	339	125	7.2
	20	3/4	18	150	150	111	111	370	125	9.5
PN6.4~10.0	25	1	24	160	160	120	120	410	160	13.5
	32	1-1/4	29	190	190	172	120	474	180	20.6
	40	1-1/2	36.5	200	200	172	140	474	180	19.8
	50	2	46.5	230	230	200	178	546	200	29.0
	15	1/2	13	170	170	92	92	339	125	7.2
	20	3/4	18	190	190	111	111	370	125	9.5
	25	1	24	210	210	120	120	410	160	13.5
	32	1-1/4	29	230	230	172	120	474	180	20.6
	40	1-1/2	36.5	260	260	172	140	474	180	19.8
	50	2	46.5	300	300	200	178	546	200	29.0

注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.

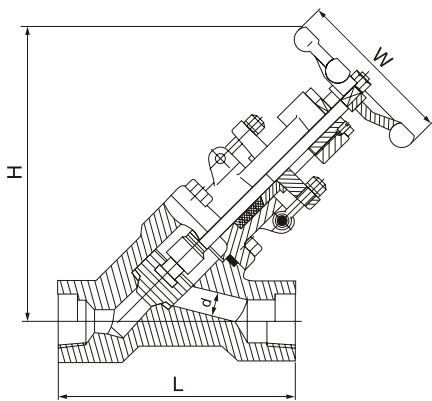


Fig.JSW(G)YB0

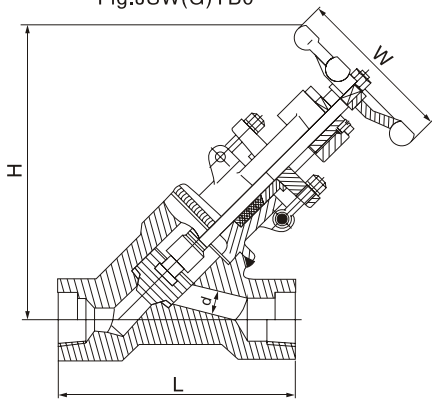


Fig.JSW(G)YW0

**压力 Pressure:CLASS800&1500**

- ◆ Y型结构 Y-type structure
- ◆ 栓接阀盖/焊接阀盖  
Bolted & Welded bonnet
- ◆ 全径 Full port
- ◆ 锥形阀瓣 General disc
- ◆ 螺纹连接/承插焊连接  
Treated ends / SW ends

**技术规范 Technical Specification**

设计标准 Design Standard	ASME B16.34/BS5352
压力温度等级 Pressure-Temperature Rating	ASME B16.34
结构长度 Face-Face	工厂标准 Factory Standard
承插焊端连接 Socket-welded Ends	ASME B16.11
螺纹连接 Threaded Ends	ASME B1.20.1
检验与试验 Inspection & Test	API598

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension					重量 Weight(kg)	
	mm	in.	d(全径)	L	H		W	BB	WB
					BB	WB			
CLASS800	15	1 / 2	13	108	175	160	100	2.6	2.3
	20	3 / 4	18	108	175	160	100	2.3	2.2
	25	1	24	130	233	219	125	5.5	4.1
	32	1-1/4	29	160	281	257	160	15.0	13.7
	40	1-1/2	36.5	160	281	257	160	14.7	13.3
	50	2	46.5	190	310	279	180	27.0	26.0
	65	2-1/2	64	220	340	389	200	36.8	35.6
CLASS1500	15	1 / 2	13	130	225	217	125	3.8	3.5
	20	3 / 4	18	130	225	217	125	4.2	4.0
	25	1	24	180	274	225	160	7.8	6.0
	32	1-1/4	29	190	307	274	180	17.2	15.0
	40	1-1/2	36.5	190	307	274	180	17.6	15.0
	50	2	46.5	220	356	307	200	29.1	28.0
	65	2-1/2	64	260	472	463	300	40.4	37.5

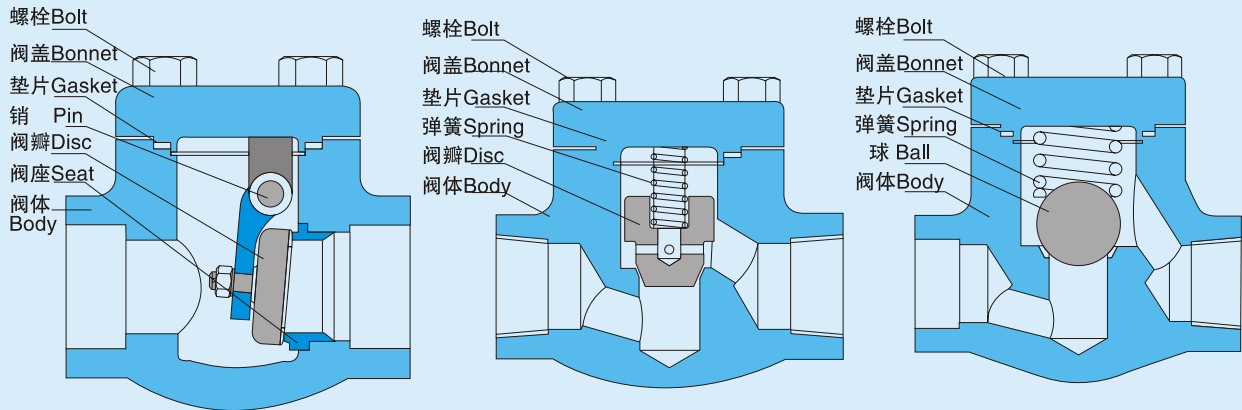
注: H为阀门全开时的高度 Note: H means the height when valve is fully opened.



# 锻钢止回阀 FORGED STEEL CHECK VALVE

J-VALVES

锻钢止回阀的结构图 FORGED STEEL CHECK VALVE



提示：端部连接形式见附录  
阀体与阀盖连接形式见附录

Remark: 1、Type of end connection referred to Appendix  
2、Type of body and bonnet connection referred to Appendix

## 主要零件材料 Material List For Main Parts

序号 No.	零件名称 Part name		ASTM材料			
			碳钢Carbon Steel		不锈钢tailess Steel	合金钢Alloy Steel
1	阀体	Body	A105	LF2/LF3	A182 F304	A182 F11/F22
2	阀座	Seat	A182F6a	A182F6a	A182 F304	A182 F11/F22
3	阀瓣/球	Disc/Ball	A182F6a	A182F6a	A182 F304	A182 F6a
4	销	Pin	A276-410	A276-410	A276-410	A276-410
5	弹簧	Spring	硅锰钢 Si.Mn Alloy steel		不锈钢 Stainless steel	铬钒钢 Cr.V Alloy steel
6	垫片	Gasket	柔性石墨+304 Graphite+304			
7	阀盖	Bonnet	A105	LF2/LF3	A182 F304	A182 F11/F22
8	螺栓	Bolt	A193 B7	A320L7	A193 B8	A193 B16



## 锻钢止回阀 FORGED STEEL CHECK VALVE

锻钢止回阀供货范围 Forged Steel Check Valve Product Line

连接方式 Ends	通径形式 Port	结构形式 Structure	压力 Pressure		规格(Size)								
					8	10	15	20	25	32	40	50	
			PN	CLASS	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	
法兰、对焊 Flange、Buttweld	全径 FP	栓接/焊接阀盖- 旋启式/升降式 BB/BL/WS/WL	1.6~ 10.0	150			*	*	*	*	*	*	*
				300			*	*	*	*	*	*	*
				600			*	*	*	*	*	*	*
法兰、对焊 Flange、Buttweld	全径 FP	自密封阀盖-升 降式 PL	16.0~ 42.0	900			*	*	*	*	*	*	*
				1500			*	*	*	*	*	*	*
				2500			*	*	*	*	*	*	*
螺纹、承插焊 Threaded、Socket	缩径 RP	栓接/焊接阀盖- 旋启式/升降式 BB/BL/WS/WL	1.6~ 10.0	150	*	*	*	*	*	*	*	*	*
				300	*	*	*	*	*	*	*	*	*
				600	*	*	*	*	*	*	*	*	*
				800	*	*	*	*	*	*	*	*	*
螺纹、承插焊 Threaded、Socket	全径 FP	栓接/焊接阀盖- 旋启式/升降式 BB/BL/WS/WL	1.6~ 10.0	150	*	*	*	*	*	*	*	*	*
				300	*	*	*	*	*	*	*	*	*
				600	*	*	*	*	*	*	*	*	*
				800	*	*	*	*	*	*	*	*	*
螺纹、承插焊 Threaded、Socket	全径 FP	栓接/焊接阀盖- 旋启式/升降式 BB/BL/WS/WL	16.0~ 26.0	900			*	*	*	*	*	*	*
				1500			*	*	*	*	*	*	*
螺纹、承插焊 Threaded、Socket	全径 FP	Y形/栓接/焊接 阀盖-升降式 Y-BL/WL	-	800	*	*	*	*	*	*	*	*	*
				1500	*	*	*	*	*	*	*	*	*

### 性能规范 Performance Specification

公称压力 Norminal Pressure		CLASS							PN							
		150	300	600	800	900	1500	2500	1.6	2.5	4.0	6.4	10.0	16.0	26.0	42.0
试验压力 (Mpa) Test Pressure	壳体试验 Shell Test	2.93	7.55	10.0	20.1	15.0	37.5	63.0	2.4	3.75	6.0	9.6	15.0	24.0	39.0	63.0
	高压密封 High Pressure Seal Test	2.07	5.52	7.31	14.7	11.03	27.5	16.2	1.76	2.75	4.4	7.04	11.0	17.6	28.6	46.2
	低压密封 Low Pressure Seal Test	0.6														
适用温度 Applicable Temperature		≤425°C														
适用介质 Applicable Medium		水、油、气 Water、oil & gas														

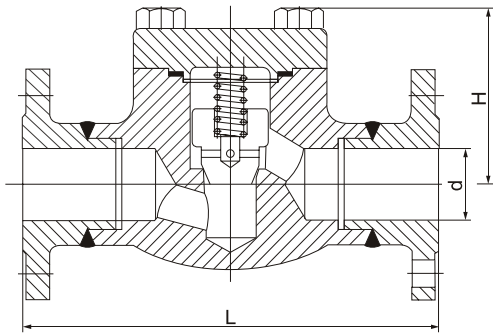


Fig.HRFBL

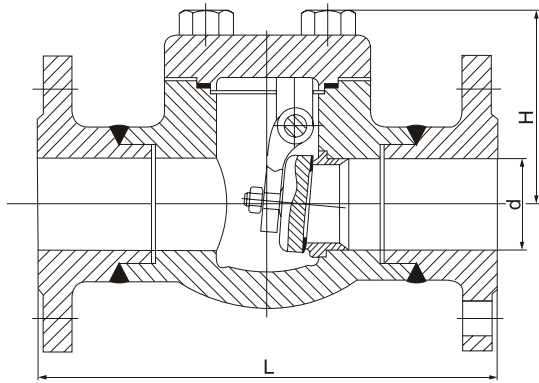


Fig.HRFBS

**压力 Pressure:CLASS150~600**

- ◆ 栓接阀盖或焊接式阀盖  
Bolted bonnet or welded bonnet
- ◆ 全径  
Full port
- ◆ 旋启式或升降式  
Swing or Lift type
- ◆ 法兰连接或对焊连接  
Flange ends or Butt-welding ends

**技术规范 Technical Specification**

设计标准 Design Standard	ASME B16.34/BS5352
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
对焊端连接 Butt-welding Ends	ASME B16.25
检验与试验 Inspection & Test	API598

**主要外形尺寸和重量 Main Dimensions & Weight**

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension					重量 Weight(kg)
	mm	in.	d(全径)	LRF	LBW	H		
						升降式Lift type	旋启式Swing type	
CLASS150	15	1 / 2	13	105	105	61	61	3.4
	20	3 / 4	18	117	117	78	78	4.4
	25	1	24	127	127	84	84	8.2
	32	1-1/4	29	140	140	103	101	8.9
	40	1-1/2	36.5	165	165	118	120	12.0
CLASS300	50	2	46.5	203	203	130	133	14.3
	15	1 / 2	13	152	152	61	61	3.7
	20	3 / 4	18	178	178	78	78	4.8
	25	1	24	203	203	84	84	8.8
	32	1-1/4	29	216	216	103	101	9.6
CLASS600	40	1-1/2	36.5	229	229	118	120	13.7
	50	2	46.5	267	267	130	133	17.8
	15	1 / 2	13	165	165	61	61	4.0
	20	3 / 4	18	190	190	78	78	5.8
	25	1	24	216	216	84	84	9.5
CLASS600	32	1-1/4	29	229	229	103	101	10.4
	40	1-1/2	36.5	241	241	118	120	15.6
	50	2	46.5	292	292	130	133	24.5

注：H为阀门全开时的高度 Note: H means the height when valve is fully opened.

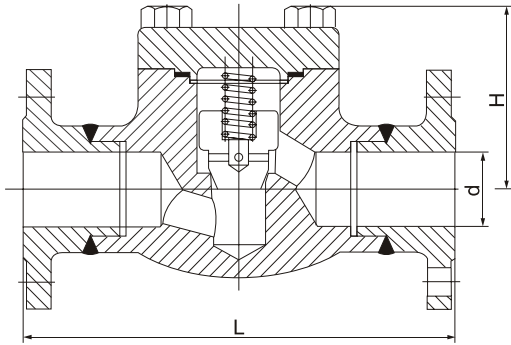


Fig.HRFBL

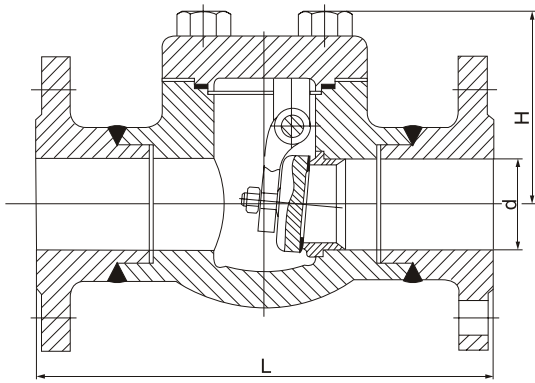


Fig.HRFBS

压力 Pressure:PN1.6~10.0

- ◆ 栓接阀盖或焊接式阀盖  
Bolted bonnet or welded bonnet
- ◆ 全径  
Full port
- ◆ 旋启式或升降式  
Swing or Lift type
- ◆ 法兰连接或对焊连接  
Flange ends or Butt-welding ends

技术规范 Technical Specification

设计标准 Design Standard	GB/T12235 GB/T12236
压力温度等级 Pressure-Temperature Rating	GB/T12224
结构长度 Face-Face	GB/T12221 JB/T96-95
法兰型式尺寸 Flange Ends	GB/T9113 JB/T82.1-82.4
对焊端连接 Butt-welding Ends	GB/T12224
检验与试验 Inspection & Test	JB/T9092

主要外形尺寸和重量 Main Dimensions & Weight

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension					重量 Weight(kg)
	mm	in.	d(全径)	LRF	LBW	H		
						升降式Lift type	旋启式Swing type	
PN1.6/2.5	15	1 / 2	13	130	130	61	61	3.5
	20	3 / 4	18	150	150	78	78	4.6
	25	1	24	160	160	84	84	8.5
	32	1-1/4	29	190	190	103	101	9.2
	40	1-1/2	36.5	200	200	118	120	12.8
PN4.0	50	2	46.5	230	230	130	133	16.1
	15	1 / 2	13	130	130	61	61	3.5
	20	3 / 4	18	150	150	78	78	4.6
	25	1	24	160	160	84	84	8.5
	32	1-1/4	29	190	190	103	101	9.2
PN6.4	40	1-1/2	36.5	200	200	118	120	12.8
	50	2	46.5	230	230	130	133	16.1
	15	1 / 2	13	170	170	61	61	4.3
	20	3 / 4	18	190	190	78	78	6.1
	25	1	24	210	210	84	84	10.0
PN10.0	32	1-1/4	29	230	230	103	101	11.4
	40	1-1/2	36.5	260	260	118	120	17.0
	50	2	46.5	300	300	130	133	26
	15	1 / 2	13	170	170	61	61	4.3
	20	3 / 4	18	190	190	78	78	6.1
PN10.0	25	1	24	210	210	84	84	10.0
	32	1-1/4	29	230	230	103	101	11.4
	40	1-1/2	36.5	260	260	118	120	17.0
	50	2	46.5	300	300	130	133	28.7

压力 Pressure: CLASS900~1500 PN16.0~42.0

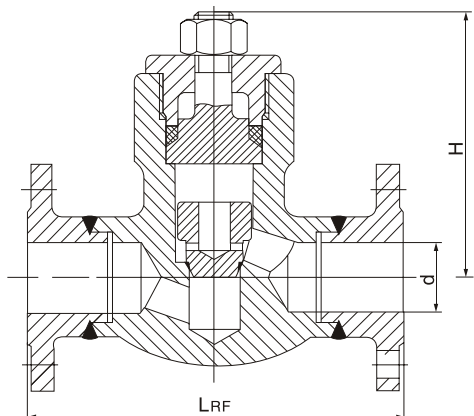
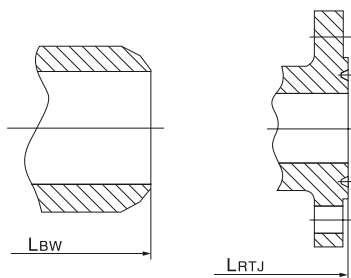


Fig.HRFPL



- ◆ 自密封阀盖  
Pressure sealed bonnet
- ◆ 全径 Full port
- ◆ 升降式 Lift type
- ◆ 法兰连接/对焊连接  
Flange ends / Butt-welding ends

技术规范 Technical Specification

技术规范 Technical Specification	ASME/API/BS	GB/JB
设计标准 Design Standard	ASME B16.34 / BS5352	GB/T12235 GB/T12224
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	ASME B16.10	GB/T12221 JB/T96-95
法兰型式尺寸 Flange Ends	ASME B16.5	GB/T9113 JB/T82.1~82.4
对焊端连接 Buttwelding Ends	ASME B16.25	GB/T12224
检验与试验 Inspection & Test	API598	JB/T9092

主要外形尺寸和重量 Main Dimensions & Weight

压力 Pressure	规格 Size		阀门尺寸 Valve Main Dimension				重量 Weight(kg)	
	mm	in.	d(全径)	LRF	LBW	LRTJ		H
CLASS900/ PN16.0	15	1 / 2	13	216	216	216	117.5	10.5
	20	3 / 4	18	229	229	229	117.5	11.9
	25	1	24	254	254	254	117.5	13.9
	32	1-1/4	29	279	279	279	149	26.9
	40	1-1/2	36.5	305	305	305	149	25.1
	50	2	46.5	368	368	371.2	195	32.0
CLASS1500/ PN26.0	15	1 / 2	13	216	216	216	117.5	10.5
	20	3 / 4	18	229	229	229	117.5	11.9
	25	1	24	254	254	254	117.5	13.9
	32	1-1/4	29	279	279	279	149	26.9
	40	1-1/2	36.5	305	305	305	149	25.1
	50	2	46.5	368	368	371.2	195	32.0
CLASS2500/ PN42.0	15	1 / 2	13	264	264	264	125	12.6
	20	3 / 4	18	273	273	273	125	14.9
	25	1	24	308	308	308	125	16.5
	32	1-1/4	29	349	349	352.2	166	28.0
	40	1-1/2	36.5	384	384	387.2	166	27.6
	50	2	46.5	451	451	454.2	210	34.5

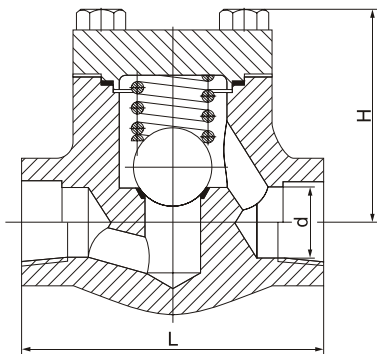


Fig.HSW(G)BL

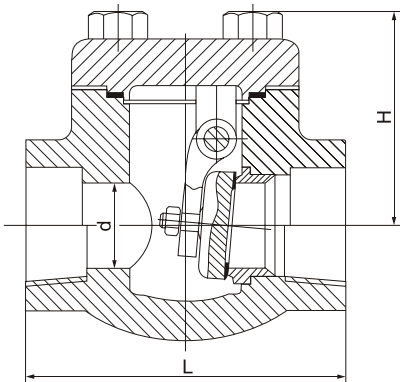


Fig.HSW(G)BS

压力 Pressure: CLASS150~600&CLASS800 PN1.6~10.0

- ◆ 栓接阀盖或焊接阀盖  
Bolted bonnet or welded bonnet
- ◆ 全径或缩径  
Full port or reduced port
- ◆ 旋启式或升降式  
Swing or Lift type
- ◆ 螺纹连接或承插焊连接  
Treated ends or SW ends

技术规范 Technical Specification

技术规范 Technical Specification	ASME/API/BS	GB/JB
设计标准 Design Standard	BS5352	JB/T7746
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	工厂标准 Factory Standard	JB/T7746
承插焊端连接 Socket-welded Ends	ASME B16.11	JB/T1751
螺纹连接 Threaded Ends	ASME B1.20.1	GB/T7306
检验与试验 Inspection & Test	API598	JB/T9092

主要外形尺寸和重量 Main Dimensions & Weight

压力 Pressure	规格 Size	阀门尺寸 Valve Main Dimension								重量 Weight(kg) 全径
		mm		in.		L		L	H	
		全径	缩径	全径	缩径	全径	缩径			
CLASS 150~600 CLASS800 PN1.6~10.0	旋启式 Swing Type	8	-	1/4	-	7	-	79	61	1.5
		10	8	3/8	1/4	10	7	79	61	1.4
		15	10	1/2	3/8	10	10	79	61	1.2
		20	15	3/4	1/2	13	13	92	61	1.4
		25	20	1	3/4	18	18	111	78	2.3
		32	25	1-1/4	1	24	24	120	84	3.9
		40	32	1-1/2	1-1/4	29	29	152	103	5.6
		50	40	2	1-1/2	36.5	36.5	172	118	8.9
		-	50	-	2	-	46.5	200	132	12.5
CLASS 150~600 CLASS800 PN1.6~10.0	升降式 Lift Type	8	-	1/4	-	7	-	79	61	1.3
		10	8	3/8	1/4	10	7	79	61	1.2
		15	10	1/2	3/8	10	10	79	61	1.0
		20	15	3/4	1/2	13	13	92	61	1.1
		25	20	1	3/4	18	18	111	78	1.9
		32	25	1-1/4	1	24	24	120	84	3.4
		40	32	1-1/2	1-1/4	29	29	120	101	4.5
		50	40	2	1-1/2	36.5	36.5	140	120	7.3
		-	50	-	2	-	46.5	170	133	10.0

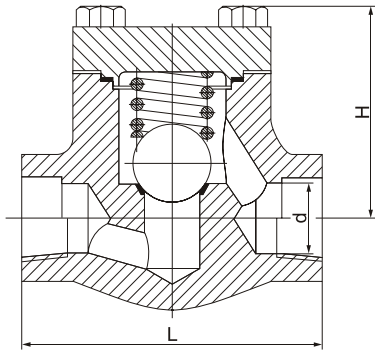


Fig.HSW(G)BL

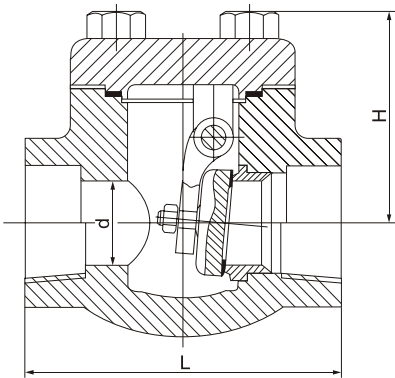


Fig.HSW(G)BS

压力 Pressure: CLASS900~1500 PN16.0~26.0

- ◆ 栓接阀盖/焊接式阀盖  
Bolted bonnet / welded bonnet
- ◆ 全径 Full port
- ◆ 旋启式或升降式  
Swing or Lift type
- ◆ 螺纹连接或承插焊连接  
Treaded ends or SW ends

技术规范 Technical Specification

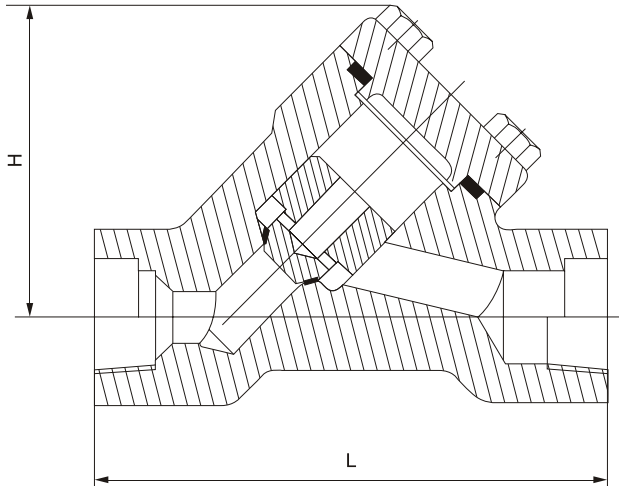
技术规范 Technical Specification	ASME/API/BS	GB/JB
设计标准 Design Standard	BS5352	JB/T7746
压力温度等级 Pressure-Temperature Rating	ASME B16.34	GB/T12224
结构长度 Face-Face	工厂标准 Factory Standard	JB/T7746
承插焊端连接 Socket-welded Ends	ASME B16.11	JB/T1751
螺纹连接 Threaded Ends	ASME B1.20.1	GB/T7306
检验与试验 Inspection & Test	API598	JB/T9092

主要外形尺寸和重量 Main Dimensions & Weight

压力 Pressure		规格 Size		阀门尺寸 Valve Main Dimension						重量 Weight(kg) 全径
		mm		in.		L		L	H	
		缩径	全径	缩径	全径	缩径	全径			
CLASS900 PN16.0	旋启式 Swing Type	15	10	1 / 2	3 / 8	10	10	79	61	1.2
		20	15	3 / 4	1 / 2	13	13	92	61	1.4
		25	20	1	3 / 4	18	18	111	78	2.3
		32	25	1-1/4	1	24	24	120	84	3.9
		40	32	1-1/2	1-1/4	29	29	152	103	5.6
		50	40	2	1-1/2	36.5	36.5	172	118	8.9
CLASS1500 PN26.0	升降式 Lift Type	15	10	1 / 2	3 / 8	10	10	79	61	1.0
		20	15	3 / 4	1 / 2	13	13	92	61	1.1
		25	20	1	3 / 4	18	18	111	78	1.9
		32	25	1-1/4	1	24	24	120	84	3.4
		40	32	1-1/2	1-1/4	29	29	120	101	4.5
		50	40	2	1-1/2	36.5	36.5	140	120	7.3

压力 Pressure:CLASS800&1500

- ◆Y型结构 Y-type structure
- ◆栓接阀盖/焊接阀盖  
Bolted & Welded bonnet
- ◆全径 Full port
- ◆旋启式或升降式 Swing or Lift type
- ◆螺纹连接/承插焊连接  
Treaded ends / SW ends



技术规范 Technical Specification

设计标准 Design Standard	ASME B16.34/BS5352
压力温度等级 Pressure-Temperature Rating	ASME B16.34
结构长度 Face-Face	工厂标准 Factory Standard
承插焊端连接 Socket-welded Ends	ASME B16.11
螺纹连接 Threaded Ends	ASME B1.20.1
检验与试验 Inspection & Test	API598

主要外形尺寸和重量 Main Dimensions & Weight

压力 Pressure	规格 Size	阀门尺寸 Valve Main Dimension				重量 Weight(kg)
	mm	in.	d(全径)	L	H	
CLASS800	8	1/4	7	98	84	3.0
	10	3/8	10	98	84	2.8
	15	1/2	13	98	84	2.7
	20	3/4	18	98	84	3.7
	25	1	24	120	102	6.5
	32	1-1/4	29	130	114	9.0
	40	1-1/2	36.5	140	114	10.1
	50	2	46.5	170	145	11.0
CLASS1500	8	1/4	7	102	90	3.2
	10	3/8	10	102	90	3.1
	15	1/2	13	102	90	3.0
	20	3/4	18	102	101	4.1
	25	1	24	130	125	7.2
	32	1-1/4	29	150	132	11.0
	40	1-1/2	36.5	190	142	12.0
	50	2	46.5	200	203	13.8