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GB Globe Valve Series

国标截止阀系列

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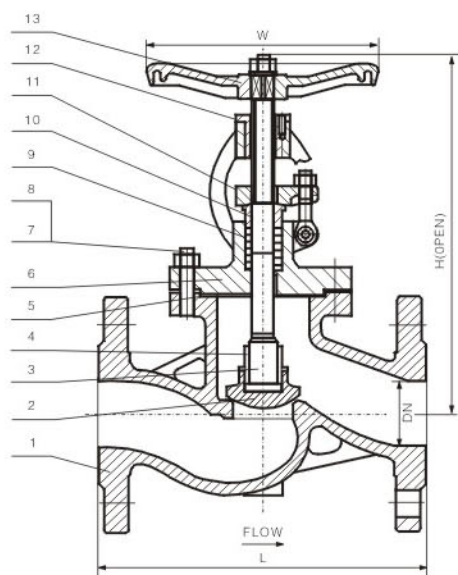
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QUANSHUN FLOW CONTROL



产品采用标准/Technical standard

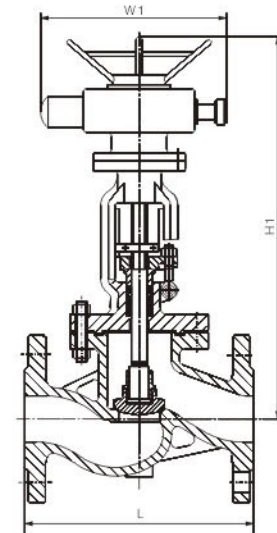
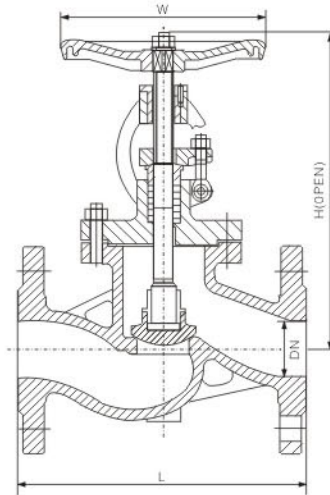
结构形式 Structure type	栓接阀盖明杆支架结构 Bolt-jointed bonnet outside stem yoke structure
驱动方式 Driving manner	手动、电动 Hand operated, Electric driving
设计标准 Design standard	GB/T 12235
结构长度 Face to face dimension	GB/T 12221
连接法兰 Flange connection	GB/T 9113, JB/T 79, HG20592
试验和检验 Test & inspection	JB/T 9092

注：阀门连接法兰及对焊端尺寸可根据用户要求设计制造。
Notes: The sizes of valve connecting flange and butt welded dimension can be designed according to customer's requirement.



主要零件材料/Major parts material form

序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	WCB, WC1, WC6, WC9, C5 CF8, CF8M, CF8C, CF3, CF3M
2	阀瓣 Disc	25, 1Cr13, 2Cr13, 1Cr18Ni9Ti, 0Cr18Ni12Mo2Ti, 20Cr1Mo1V, 25Cr2MoV
3	阀杆 Stem	1Cr13, 2Cr13, 1Cr18Ni9 0Cr18Ni12Mo2Ti, 20Cr1Mo1V, 25Cr2MoV
4	阀瓣盖 Flat cover	25, 1Cr13, 2Cr13, 1Cr18Ni9Ti, 0Cr18Ni12Mo2Ti, 20Cr1Mo1V, 25Cr2MoV
5	垫片 Gasket	柔性石墨+不锈钢 Graphite & stainless steel
6	阀盖 Bonnet	WCB, WC1, WC6, WC9, C5 CF8, CF8M, CF8C, CF3, CF3M
7	双头螺柱 Stud	35CrMoA, 0Cr18Ni9, 0Cr17Ni12Mo2, 25Cr2MoV
8	六角螺母 Nut	45, 35CrMoA, 0Cr18Ni9, 0Cr17Ni12Mo2, 25Cr2MoV
9	填料 Packing	柔性石墨 Graphite
10	填料压套 Packing press-sleeve	1Cr13, 2Cr13 1Cr18Ni9, 0Cr18Ni12Mo2Ti
11	填料压盖 Packing gland	WCB CF8, CF8M, CF8C, CF3, CF3M
12	阀杆螺母 Stem nut	铜合金 Copper alloy
13	手轮 Handwheel	ASTM A47-32510



主要外形尺寸及重量/Main outline dimension & weight

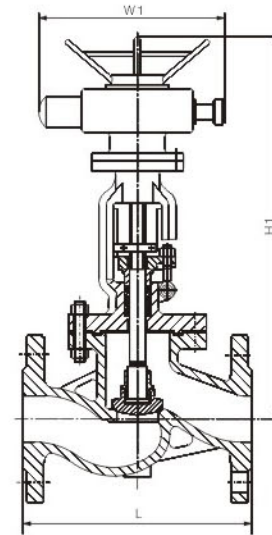
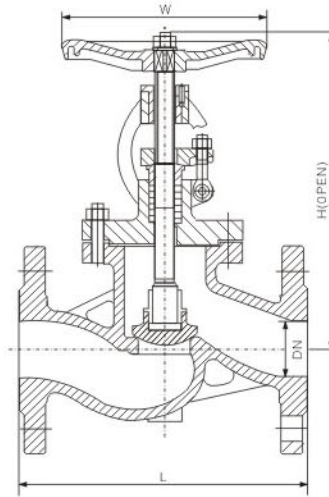
型号Model: J41H, J41Y, J41W, J41N, J941H, J941Y, J941W, J941N

传动方式 Driving type		手动 Hand operated				电动 Electric driving			
PN (MPa)	DN (mm)	L	H	W	重量 Weight (kg)	H1	W1	电动装置 Electric driving device	重量 Weight (kg)
1.6	15	130	218	120	5.3	-	-	-	-
	20	150	260	140	7.2	-	-	-	-
	25	160	275	160	7.5	-	-	-	-
	32	180	282	180	8.7	-	-	-	-
	40	200	332	200	12.4	-	-	-	-
	50	230	350	240	14	642	960	DZW10A	50
	65	290	405	280	22.5	695	960	DZW10A	62
	80	310	360	280	29.5	712	960	DZW10A	65
	100	350	412	320	34	772	960	DZW15A	73
	125	400	462	360	80	785	960	DZW20A	120
	150	480	510	400	95	812	960	DZW30A	212
	200	600	715	400	178	965	1325	DZW45A	325
2.5	250	650	789	450	438	1138	1325	DZW60A	552
	300	750	925	500	650	1285	1370	DZW90	783
	15	130	218	120	5.5	-	-	-	-
	20	150	260	140	7.4	-	-	-	-
	25	160	275	160	7.8	-	-	-	-
	32	180	282	180	8.7	-	-	-	-
	40	200	332	200	12.4	-	-	-	-
	50	230	350	240	15	642	960	DZW10A	52
	65	290	405	280	24.5	695	960	DZW10A	63
	80	310	360	280	31	712	960	DZW15A	68
	100	350	412	320	36	772	960	DZW20A	75
	125	400	462	360	88	785	960	DZW30A	122
150	480	510	400	98	812	1325	DZW45A	215	
200	600	715	400	183	965	1325	DZW60A	327	
250	650	789	450	443	1138	1370	DZW90	555	
300	750	925	500	654	1285	1370	DZW120	786	

国标铸钢截止阀 GB Cast steel globe valve



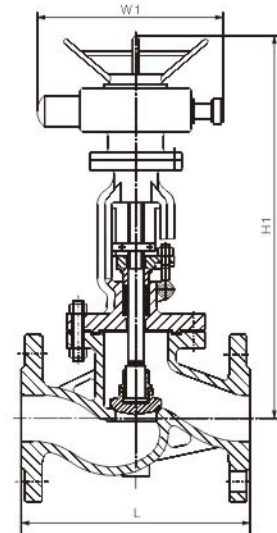
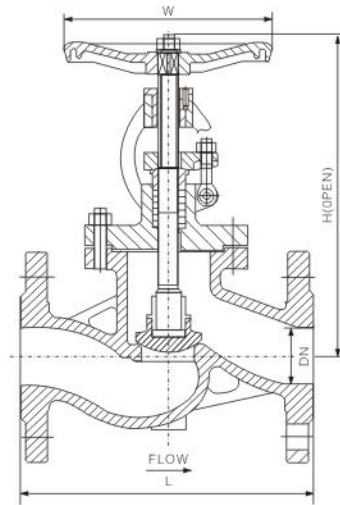
泉舜流控
QUANSHUN FLOW CONTROL



主要外形尺寸及重量/Main outline dimension & weight

型号Model: J41H, J41Y, J41W, J41N, J941H, J941Y, J941W, J941N

传动方式 Driving type		手动 Hand operated				电动 Electric driving			
PN (MPa)	DN (mm)	L	H	W	重量 Weight (kg)	H1	W1	电动装置 Electric driving device	重量 Weight (kg)
4.0	15	130	235	120	5.9	-	-	-	-
	20	150	278	140	7.5	-	-	-	-
	25	160	288	160	8.0	-	-	-	-
	32	180	305	180	8.9	-	-	-	-
	40	200	358	200	12.5	-	-	-	-
	50	230	378	240	15.2	642	960	DZW10A	61
	65	290	408	280	24.6	695	960	DZW20A	78
	80	310	435	320	32	712	960	-	85
	100	350	482	360	40	772	960	DZW30A	105
	125	400	555	400	90	785	1325	DZW45A	205
	150	480	613	400	105	812	1325	DZW60A	228
200	600	725	400	189	965	1370	DZW90	400	
6.4	15	170	218	140	10.2	-	-	-	-
	20	190	260	160	13.5	-	-	-	-
	25	210	275	180	15	-	-	-	-
	32	230	325	200	20	-	-	-	-
	40	260	360	240	25	-	-	-	-
	50	300	410	280	36	710	960	DZW10A	65
	65	340	450	320	47	752	960	DZW15A	78
	80	380	485	360	55	785	960	DZW30A	85
	100	430	535	400	123	835	1325	DZW45A	173
	125	500	630	400	130	1030	1325	DZW60A	245
	150	550	650	450	155	1065	1370	DZW90	300
200	650	810	500	285	1215	1370	DZW120	420	



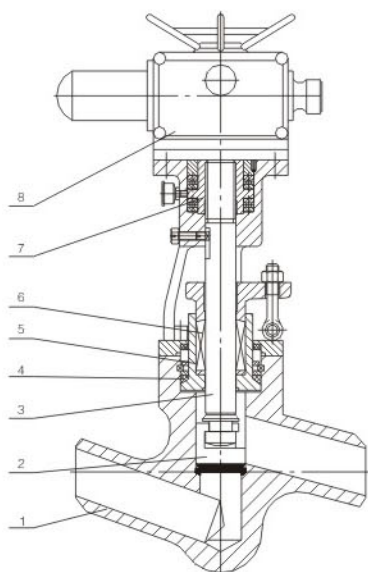
主要外形尺寸及重量/Main outline dimension & weight

型号Model: J41H, J41Y, J41W, J41N, J941H, J941Y, J941W, J941N

传动方式 Driving type		手动 Hand operated				电动 Electric driving			
PN (MPa)	DN (mm)	L	H	W	重量 Weight (kg)	H1	W1	电动装置 Electric driving device	重量 Weight (kg)
10.0	15	170	220	120	10.5	-	-	-	-
	20	190	260	140	14	-	-	-	-
	25	210	275	160	15.5	-	-	-	-
	32	230	325	180	21	-	-	-	-
	40	260	360	200	26.5	-	-	-	-
	50	300	415	240	27	715	960	DZW20A	82
	65	340	455	280	49	760	960	DZW30A	105
	80	380	485	280	56	788	1325	DZW45A	178
	100	450	538	320	125	840	1325	DZW60A	195
	125	500	635	360	134	1032	1370	DZW90	288
	150	550	650	400	158	1072	1370	DZW120	450
200	650	812	400	288	1220	1395	DZW180	855	
16.0	15	170	220	140	12.5	-	-	-	-
	20	190	262	160	15.5	-	-	-	-
	25	210	275	180	18	-	-	-	-
	32	230	326	200	22	-	-	-	-
	40	260	362	240	35	-	-	-	-
	50	300	417	250	53	745	960	DZW30A	95
	65	340	455	320	72	825	1325	DZW45A	165
	80	380	485	400	101	940	1370	DZW90	220
	100	450	540	450	120	1152	1370	DZW120	240
	125	500	-	-	-	1185	1435	DZW180	500
	150	550	-	-	-	1230	1435	DZW250	678
200	650	-	-	-	1500	1785	DZW350	1125	



产品采用标准/Technical standard

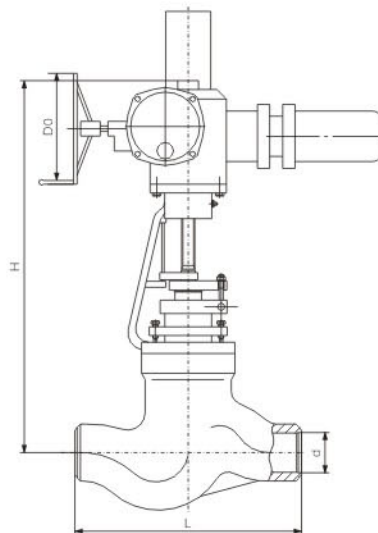
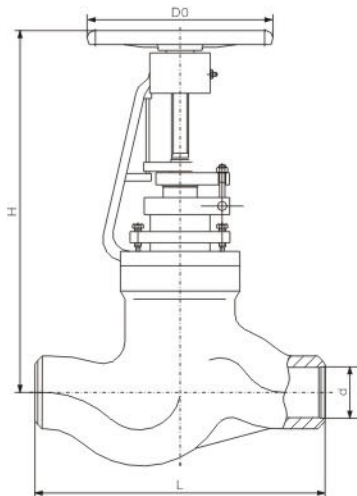


设计标准 Design standard	JB/T 3595
结构长度 Face to face dimension	对焊连接 Butt welded connection
压力与温度 Pressure and temperature	JB/T 2766、GB/T15188.1
试验和检验 Test & inspection	JB/T 3595
焊接坡口 The slope for welding	JB/T 3595

注：阀门连接法兰及焊接坡口可根据用户要求设计制造。
Note: Flange and the slope for welding can be designed according to the user requirements.

主要零件材料/Major parts material form

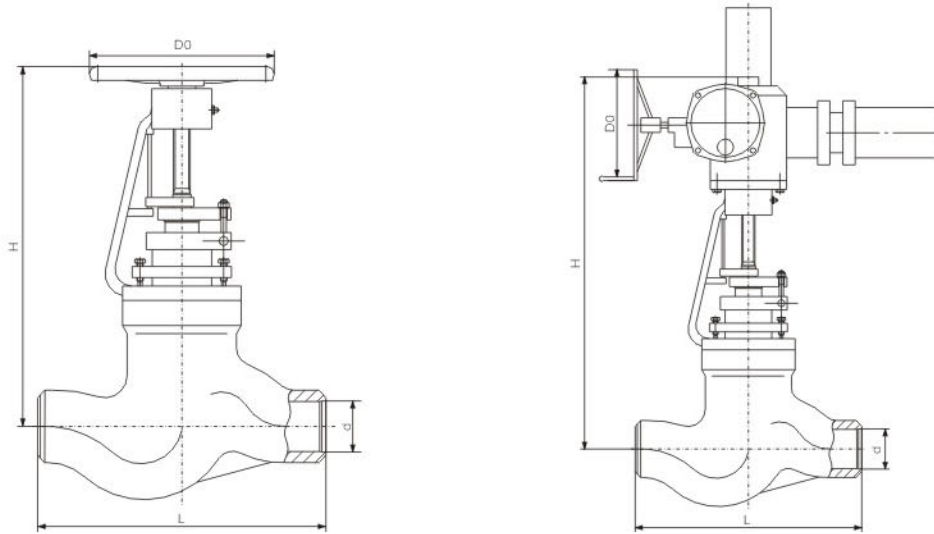
序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	WCB、WC1、WC6、WC9、C12
2	阀瓣 Disc	25、12Cr1MoVA、1Cr13
3	阀杆 Stem	1Cr17Ni12、2Cr13、20Cr1Mo1VA、25Cr2MoV
4	密封圈 Sealing ring	柔性石墨 Graphite
5	阀盖 Bonnet	WCB、WC1、WC6、WC9、C12
6	填料 Packing	柔性石墨 Graphite
7	阀杆螺母 Stem nut	铜合金 Copper alloy
8	电动装置 Electric device	组件 Package



主要外形尺寸及重量/Main outline dimension & weight

型号 Model: J61Y-250、J961Y-250

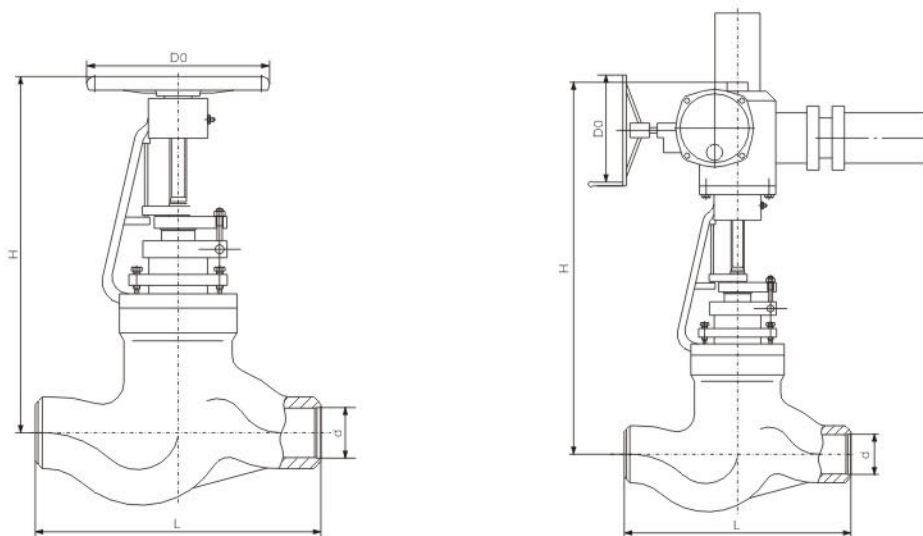
DN (mm)	L	d	手动 Hand operated			电动 Electric driving			电动装置 Electric driving device
			H	D0	重量(kg) Weight	H	D0	重量(kg) Weight	
10	120	10	210	160	8	-	-	-	-
20	170	19	272	180	10	600	250	72.5	DZW10
25	1780	22	308	240	11.2	590	250	73	DZW10
32	170	26	308	240	11.8	600	250	73.5	DZW10
40	250	36	493	320	36.3	-	-	-	-
50	250	42	493	320	36.3	736	250	85	DZW30
65	340	56	775	460	120	1060	450	188	DZW45
80	390	64	848	510	150	1280	560	275	DZW90
100	480	84	910	560	240	1290	560	310	DZW90



主要外形尺寸及重量/Main outline dimension & weight

型号 Model: J61Y-320、J961Y-320

DN (mm)	L	d	手动 Hand operated			电动 Electric driving			电动装置 Electric driving device
			H	D0	重量(kg) Weight	H	D0	重量(kg) Weight	
10	120	10	210	160	8	-	-	-	-
20	170	19	272	180	10	600	250	72.5	DZW10
25	170	22	308	240	11.2	590	250	73	DZW10
32	170	26	308	240	11.8	600	250	73.5	DZW10
40	250	36	493	320	36.3	-	-	-	-
50	250	42	493	320	36.3	736	250	85	DZW30
65	470	60	895	560	200	1140	560	190	DZW90
80	570	80	4085	700	280	1350	560	460	DZW120
100	660	96	1045	700	340	1500	600	610	DZW180



主要外形尺寸及重量/Main outline dimension & weight

型号 Model: J61Y-P54170V、J961Y-P54170V

DN (mm)	L	d	手动 Hand operated			电动 Electric driving			电动装置 Electric driving device
			H	D0	重量(kg) Weight	H	D0	重量(kg) Weight	
10	120	10	210	160	8	-	-	-	-
20	170	19	272	180	10	600	250	72.5	DZW10
25	170	22	308	240	11.2	590	250	73	DZW10
32	170	26	308	240	11.8	600	250	73.5	DZW10
40	250	36	493	320	36.3	-	-	-	-
50	250	42	493	320	36.3	736	250	85	DZW30
65	762	60	895	610	500	1543	560	785	DZW90
80	864	80	1315	900	750	1790	560	1089	DZW120
100	965	88	1475	900	1000	1891	600	1451	DZW180

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† BS1873明杆升降式铸钢截止阀的结构特征
Design characteristics of BS1873 cast steel globe valve with rising stem

阀杆螺母采用铝青铜材料，大规格的阀门采用推力轴承的设计，使得阀门开启轻便灵活。
Stem nut uses aluminum bronze material. Large valve is provided with thrust bearing to mate it opened easily and flexibly.

填料压盖为两体式设计，可避免因压扁而引起的阀杆卡阻。
Two-piece design of packing gland to avoid stem clogging caused by squishing.

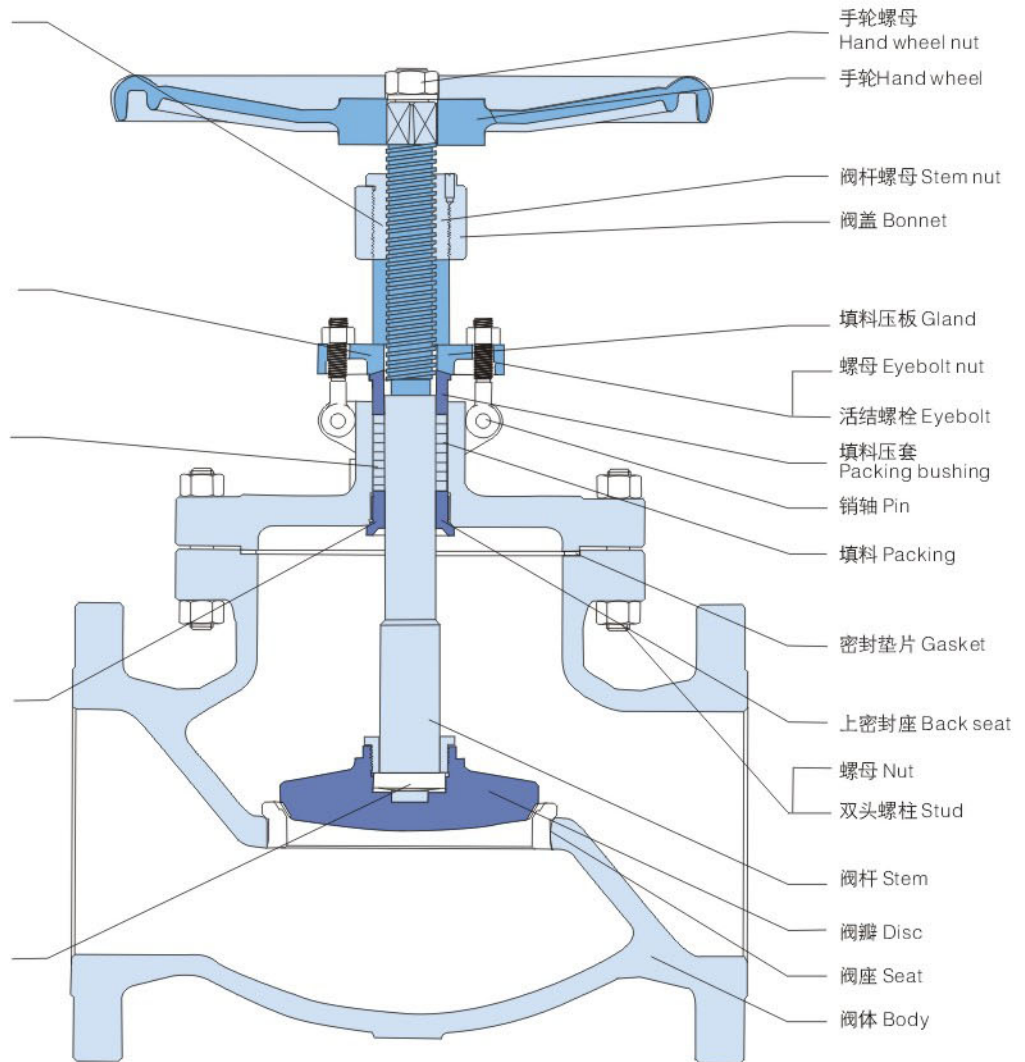
填料采用柔性石墨材料，密封性能可靠。用户有要求时可提供填料隔环和注油脂结构。
Packing uses flexible graphite for dependable sealing performance. If requested by users, packing spacer ring and greasing mechanism can be available.

阀门上密封的设计，全开时可保证填料，密封可靠。（不推荐带压更换填料）

Upper seal design to ensure dependable packing and sealing when valve is fully opened. (Replacement of packing under pressure is not recommended).

升降式阀杆，阀杆头部与阀瓣接触处，镶嵌了一块硬质不锈钢材料，使该处不至于因挤压而变形或因锈蚀而影响阀瓣动作的灵活性。

Lift stem, with a piece of hard stainless steel inlaid between stem head and disc to avoid deformation caused by extrusion, and corrosion leading to inflexibility of disc action.



- 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 VII
3、阀瓣与阀座的密封形式见附录 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 is shown at appendix I
2、Type of body and bonnet connection is shown at appendix VII
3、Seal type of disc and seat is shown at appendix VII
4、Stem packing structure is shown at appendix IX
5、Valve operation is shown at appendix X

BS铸钢截止阀 BS Cast steel globe valve



泉舜流控
QUANSHUN FLOW CONTROL



BS1873明杆升降式铸钢截止阀的材料明细 (标准材料) Materials list for BS1873 cast steel globe valve with rising stem

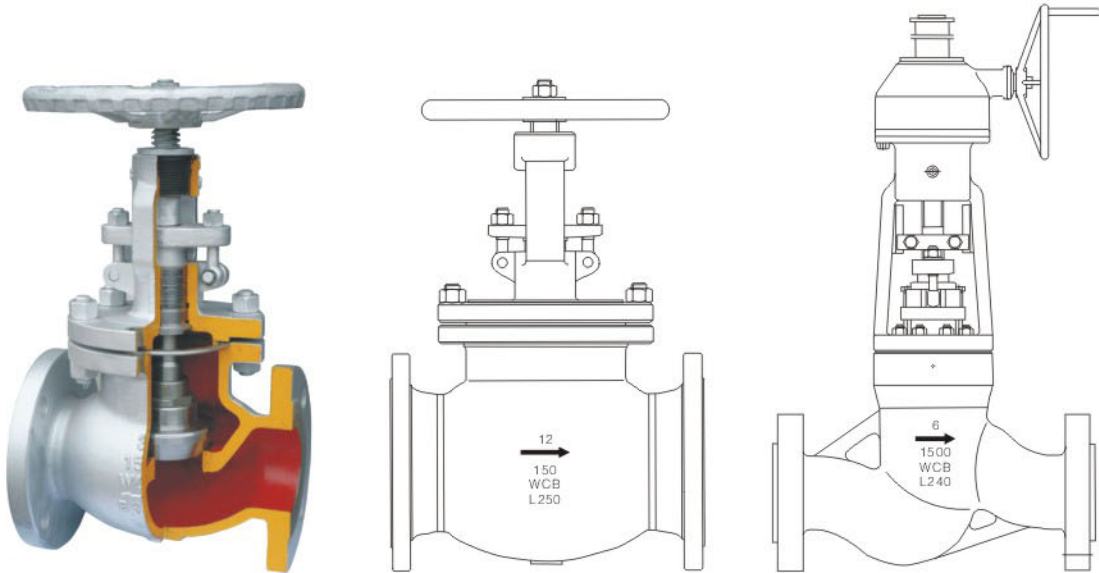
序号 No	零件名称 Part name	碳钢系列 Carbon steel	不锈钢系列 Stainless steel	合金钢系列 Alloy steel	低温钢系列 Low temperature steel
1	阀体 Seat	A216 GR WCB	A351 GR CF8	A217 GR WC6	A352 GR LCB
2	阀瓣 Disc	A105	/	A182 GR F304	A182 GR F304
3	阀杆 Stem	A216 GR WCB	A351 GR CF8	A217 GR WC6	A352 GR LCB
4	双头螺柱 Stud	A276 Type 410	A276 Type 304	A182 GR 22	A276 Type 304
5	六角螺母 Nut	A193 GR B7	A193 GR 8	A193 GR B7	A193 GR 8
6	上密封座 Back seat	A194 GR 2H	A194 GR B8	A194 GR 4	A194 GR B8
7	密封垫片 Gasket	A182 GR F6a	A182 GR F304	A182 GR F304	A182 GR F304
8	填料 Packing	柔性石墨+SS304 Graphite+SS304			
9	销轴 Pin	柔性石墨 Graphite			
10	填料压套 Packing bushing	A194 GR 2H	A276 Type 304	A276 Type 410	A276 Type 304
11	活结螺栓 Eyebolt	A182 GR F6a	A182 GR F304	A182 GR F6a	A182 GR F304
12	螺母 Eyebolt nut	A193 GR B7	A193 GR B8	A193 GR B7	A194 GR B8
13	填料压板 Gland	A194 GR 2H	A193 GR 8	A193 GR 4	A193 GR 8
14	阀盖 Bonnet	A216 GR WCB	A351 GR CF8	A216 GR WCB	A352 GR CF8
15	阀杆螺母 Stem nut	A216 GR WCB	A351 GR CF8	A216 GR WCB	A352 GR CF8
16	手轮 Hand wheel	B148 UNS C95600	B148 UNS C95600	B148 UNS C95600	B148 UNS C95600
17	手轮螺母 Hand wheel nut	A197	A197	A197	A197
18		A108 GR 1020	A108 GR 304	A108 GR 1020	A108 GR 304

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、内件材料及推荐服务范围见附录 XIII

Remark: 1、Prepressure and temperature rating of casing material is shown at appendix XII
2、Chemical compositions and mechanical property of casing material is shown at appendix XI
3、Trim materials and recommended service coverage is shown at appendix XIII

技术性能规范/Technical specification

设计标准 Design standard	BS1873ASME B16.34						
压力温度等级 Pressure-temperature rating	ASME B16.34						
结构长度 Face to face dimension	ASME B16.10						
法兰型式尺寸 Flange dimension	ASME B16.5						
对焊端连接 Butt welded connection	ASME B16.25						
检验与试验 Inspection & test	API 598						
公称压力 Nominal pressure	CI150	CI300	CI400	CI600	CI900	CI1500	
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	0.6	0.6	0.6	0.6	0.6
适用温度 Applicable temperature	-196°C~550°C(不同的工况温度选用不同的材质) Different material for different work temperature						
适用介质 Applicable medium	水、油、气及各类腐蚀性介质 (不同的介质选用有同的材质) Water, oil, gas and other causticity medium(Different material for different medium)						



BS铸钢截止阀供货范围/BS Cast steel globe valve product

规格 Size		栓接阀盖 Bolted bonnet										压力密封阀盖 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	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	*						*									

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

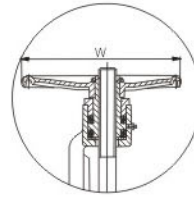
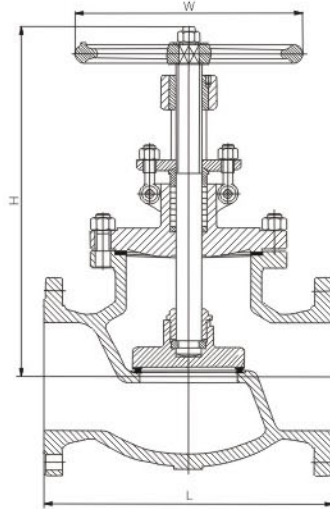


泉舜流控
QUANSHUN FLOW CONTROL

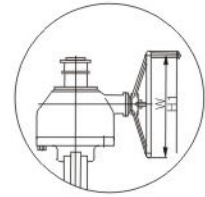


压力等级/Pressure: Class 150-300

- 栓接阀盖
- Class 150, 14"以上采用推力轴承设计
- Class 300, 10"以上采用推力轴承设计
- Class 150, Class 300, 16"以上采用蜗轮蜗杆传动
- Bolted bonnet
- Class 150, 14" above: with bearing structure
- Class 300, 10" above: with bearing structure
- Class 150, Class 300, 16" above: worm gear operated



推力轴承结构
Bearing structure



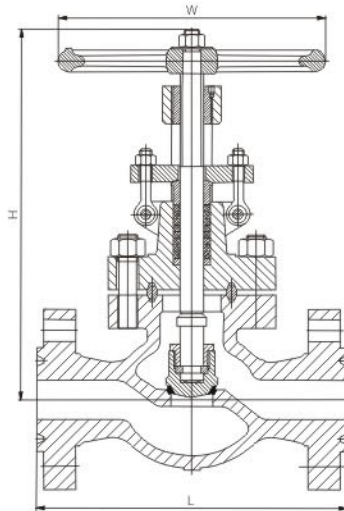
齿轮传动
Gear operated

主要外形尺寸及重量/Main outline dimension & weight

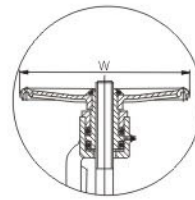
压力 Class	规格 Size		阀门尺寸 Valve main dimension						重量 Weight(kg)		扭矩 Torque (N.m)	CV
	mm	in	L(RF)	L(BW)	L(RJ)	H	H1	W	RF	BW		
150	40	1-1/2	165	165	178	289	-	200	14	11	16	-
	50	2	203	203	216	343	-	200	23	19	19	-
	65	2-1/2	216	216	229	365	-	250	32	25	29	-
	80	3	241	241	254	375	-	250	38	31	45	100
	100	4	292	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	-	977	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	



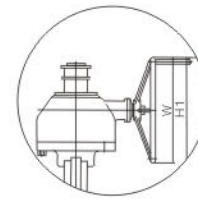
压力等级/Pressure: Class 600-1500



- 栓接阀盖
- 6'以上采用推力轴承设计
- Class 600, Class 900, 8'以上采用蜗轮蜗杆传动
- Class 1500, 6'以上采用蜗轮蜗杆传动
- Bolted bonnet
- 6' above: with bearing structure
- Class 600, Class 900, 8' above: gear operated
- Class 1500, 6' above: gear operated



推力轴承结构
Bearing structure



齿轮传动
Gear operated

主要外形尺寸及重量/Main outline dimension & weight

压力 Class	规格 Size		阀门尺寸 Valve main dimension						重量 Weight(kg)		扭矩 Toque (N.m)	CV
	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	295	460	-	250	52	44	66	-
	65	2-1/2	330	330	333	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

BS铸钢截止阀 BS Cast steel globe valve

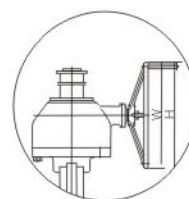
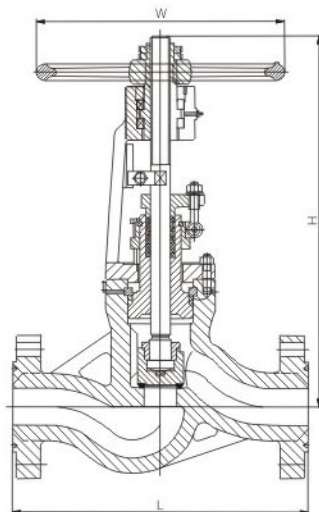


泉舜流控
QUANSHUN FLOW CONTROL



压力等级/Pressure: Class 600-1500

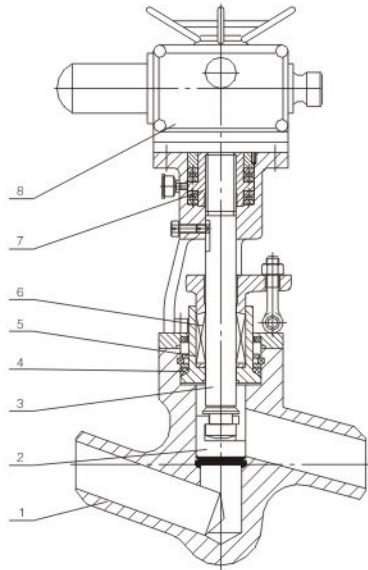
- 压力密封阀盖
- Class 600, 10'以上采用齿轮传动
- Class 900, 8'以上采用齿轮传动
- Class 1500, 6'以上采用齿轮传动
- Pressure sealed bonnet
- Class 600, 10' above: gear operated
- Class 900, 8' above: gear operated
- Class 1500, 6' above: gear operated



齿轮传动
Gear operated

主要外形尺寸及重量/Main outline dimension & weight

压力 Class	规格 Size		阀门尺寸 Valve main dimension						重量 Weight(kg)		扭矩 Toque (N.m)	CV
	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	1041	-	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	-	350	-	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	500	-	640	-	695
	250	10	991	991	1000	-	1549	610	-	1200	8445	1085



产品采用标准/Technical standard

设计标准 Design standard	JB/T 3593
结构长度 Face to face dimension	JB/T 2788、GB/T 15188.1
对焊连接 Butt welded connection	JB/T 2788、GB/T 15188.1
压力与温度 Pressure and temperature	JB/T 3593
试验和检验 Test & inspection	JB/T 3593
焊接坡口 The slope for welding	JB/T 3593、ASME 16.25

注：阀门连接法兰及焊接坡口可根据用户要求设计制造。

Note: Valve connecting flange and welded groove can be designed and made upon the user requirements.

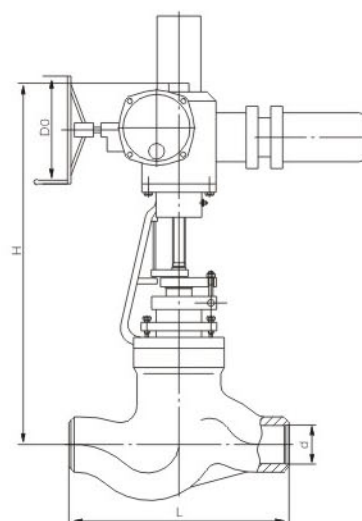
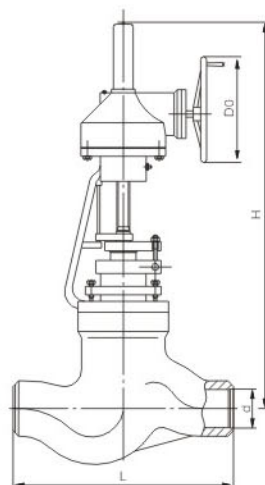
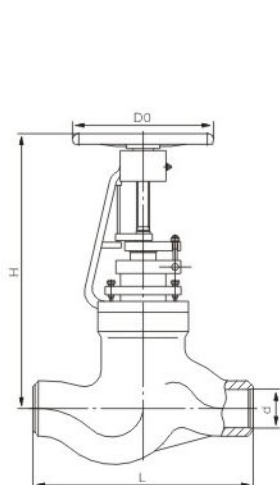
主要零件材料/Main parts material form

序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	WCB、WC1、WC6、WC9、C12
2	阀瓣 Disc	A105、A182-F11、F22、F5、F9
3	阀杆 Stem	A182-F6a、A182-F22、A182-F11
4	密封圈 Sealing ring	柔性石墨 Graphite
5	阀盖 Bonnet	WCB、WC1、WC6、WC9、C12
6	填料 Packing	柔性石墨 Graphite
7	阀杆螺母 Stem nut	铜合金 Copper alloy
8	电动装置 Electric device	组件 Package

美标电站截止阀 API Power station globe valve



泉舜流控
QUANSHUN FLOW CONTROL



主要外形尺寸及重量/Main outline dimension & weight

型号 Model: J61Y-1500Lb, J561Y-1500Lb, J961Y-1500Lb

NPS (in)	L	d	手动 Hand operated			齿动 Gear driving			齿动装置 Gear driving device	电动 Electric driving			电动装置 Electric driving device
			H	D0	重量(kg) Weight	H	D0	重量(kg) Weight		H	D0	重量(kg) Weight	
3	390	64	848	510	150	-	-	-	-	1030	305	265	SMC-00
4	480	84	910	560	240	-	-	-	-	1070	305	384	SMC-0
5	580	100	1030	610	251	995	460	303	BA-1	1135	457	520	SMC-1
6	630	126	-	-	-	1360	460	680	BA-1	1681	305	804	SMC-1
8	770	158	-	-	-	1500	610	762	BA-2	1860	305	948	SMC-1

型号 Model: J61Y-2000Lb, J561Y-2000Lb, J961Y-2000Lb

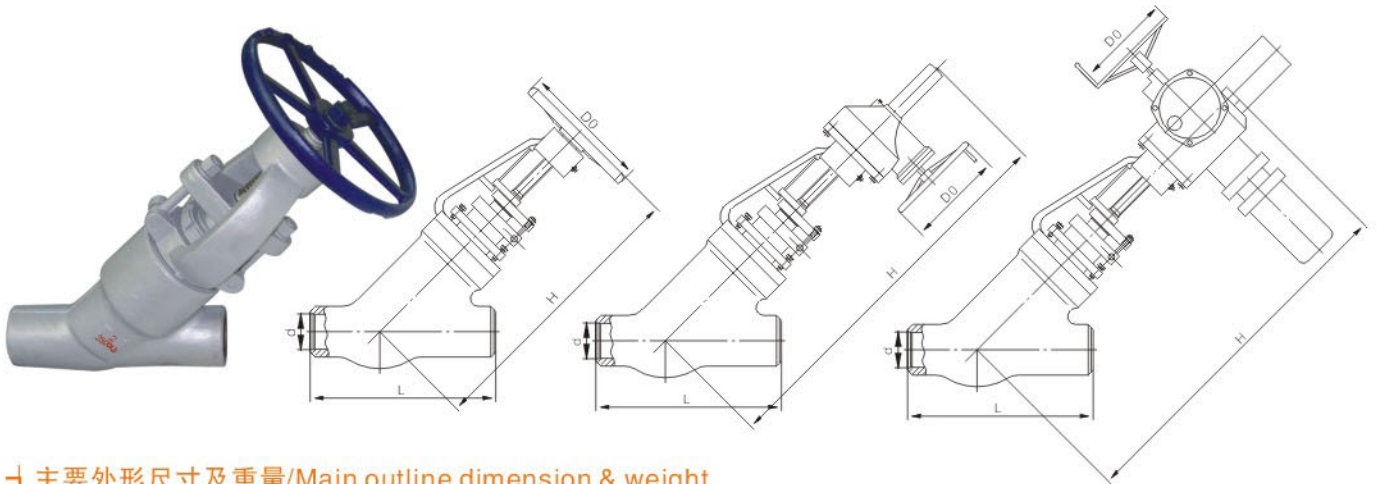
2 1/2	420	50	815	510	160	-	-	-	-	975	305	340	SMC-0
3	470	60	895	560	200	-	-	-	-	1060	305	388	SMC-0
4	570	80	1024	700	280	1125	460	386	BA-1	1220	305	542	SMC-1
5	660	96	-	-	-	1370	610	460	BA-2	1425	457	646	SMC-2
6	760	118	-	-	-	1430	610	560	BA-2	1480	457	780	SMC-2

型号 Model: J61Y-2500Lb, J561Y-2500Lb, J961Y-2500Lb

2 1/2	420	46	857	510	250	-	-	-	-	975	305	390	SMC-0
3	470	54	940	560	290	-	-	-	-	1065	305	430	SMC-0
4	570	70	1085	700	325	1125	460	406	BA-1	1220	305	700	SMC-1
5	660	88	-	-	-	1370	610	505	BA-2	1425	457	772	SMC-2
6	760	104	-	-	-	1430	610	605	BA-2	1480	457	872	SMC-2

型号 Model: J61Y-3500Lb, J561Y-3500Lb, J961Y-3500Lb

2 1/2	480	38	890	460	235	-	-	-	-	945	305	342	SMC-00
3	640	48	1030	560	425	1055	310	458	BA-0	1150	305	565	SMC-0
4	762	60	-	-	-	1264	460	641	BA-1	1366	305	810	SMC-0
5	864	74	-	-	-	1435	460	903	BA-1	1530	457	920	SMC-2
6	965	88	-	-	-	1600	760	1050	BA-3	1725	610	1100	SMC-3



主要外形尺寸及重量/Main outline dimension & weight

型号 Model: J65Y-1500Lb, J565Y-1500Lb, J965Y-1500Lb

NPS (in)	L	d	手动 Hand operated			齿动 Gear driving			齿动装置 Gear driving device	电动 Electric driving			电动装置 Electric driving device
			H	D0	重量(kg) Weight	H	D0	重量(kg) Weight		H	D0	重量(kg) Weight	
2 1/2	330	56	670	360	45	-	-	-	-	-	-	-	-
3	368	64	750	460	70	-	-	-	-	990	305	200	SMC-0
4	457	84	830	510	110	-	-	-	-	990	305	310	SMC-1
5	533	100	910	560	129	1100	460	505	BA-1	1115	305	514	SMC-1
6	610	126	1100	610	180	1730	610	520	BA-2	1763	457	534	SMC-2
8	762	158	-	-	-	2010	610	820	BA-2	2026	457	950	SMC-2

型号 Model: J565Y-2000Lb, J965Y-2000Lb

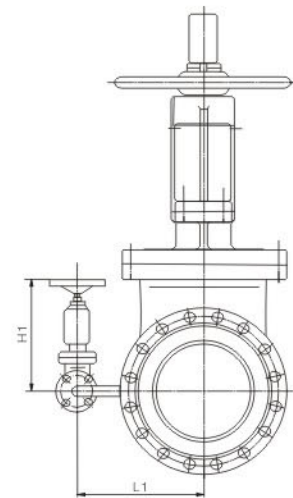
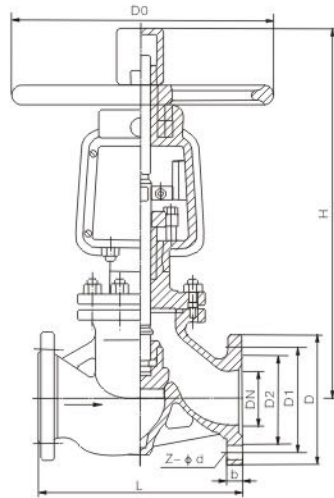
NPS (in)	L	d	齿动 Gear driving			齿动装置 Gear driving device	电动 Electric driving			电动装置 Electric driving device
			H	D0	重量(kg) Weight		H	D0	重量(kg) Weight	
4	457	80	870	460	214	BA-1	990	305	327	SMC-1
5	533	96	995	460	303	BA-1	1115	305	408	SMC-1
6	610	118	1025	610	470	BA-2	1423	457	470	SMC-2
8	762	148	1505	610	980	BA-2	1615	457	1050	SMC-2
10	914	180	1825	760	1280	BA-3	2240	610	1582	SMC-4
12	1041	222	2300	610	2714	B-4-PA-2	2490	610	2340	SMC-4

型号 Model: J65Y-2500Lb, J565Y-2500Lb, J965Y-2500Lb

NPS (in)	L	d	手动 Hand operated			齿动 Gear driving			齿动装置 Gear driving device	电动 Electric driving			电动装置 Electric driving device
			H	D0	重量(kg) Weight	H	D0	重量(kg) Weight		H	D0	重量(kg) Weight	
2	310	38	550	300	42	-	-	-	-	810	305	130	SMC-00
2 1/2	340	46	670	360	72	-	-	-	-	895	305	160	SMC-00
3	390	54	750	460	81	750	310	121	BA-0	995	305	217	SMC-0
4	480	70	830	720	130	870	460	212	BA-1	990	305	337	SMC-1
5	580	86	-	-	-	995	460	312	BA-1	1115	305	432	SMC-1
6	630	104	-	-	-	1205	610	410	BA-2	1280	457	652	SMC-2
8	770	130	-	-	-	1565	610	1060	BA-2	1615	457	1122	SMC-2
10	930	162	-	-	-	1870	760	1380	BA-3	1930	610	1652	SMC-3
12	1060	210	-	-	-	2335	760	2824	B-4-PA-2	2240	610	2862	SMC-4
14	1160	234	-	-	-	2515	760	3624	B-4-PA-2	2420	610	3662	SMC-4

型号 Model: J565Y-3500Lb, J965Y-3500Lb

NPS (in)	L	d	齿动 Gear driving			齿动装置 Gear driving device	电动 Electric driving			电动装置 Electric driving device
			H	D0	重量(kg) Weight		H	D0	重量(kg) Weight	
3	470	48	817	310	172	BA-0	1005	305	272	SMC-0
4	550	60	930	310	293	BA-0	1133	305	387	SMC-0
5	660	74	1075	460	462	BA-1	1280	305	582	SMC-1
6	790	88	1220	460	727	BA-1	1320	305	847	SMC-1



主要外形尺寸及重量/Main outline dimension & weight

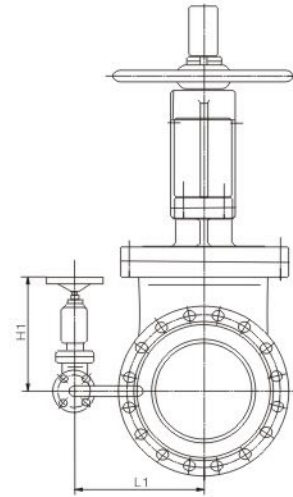
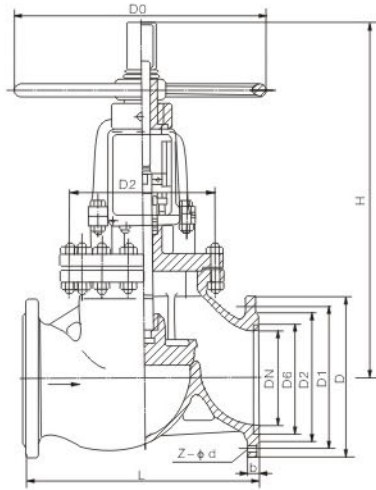
单位Unit:mm

DN (mm)	L	D	D1	D2	b	Z-φd	D0	H	H1	L1	WT (kg)
YJ41W-25P YJ41W-25T											
15	130	95	65	45	16	4-14	100	190	-	-	5
20	150	105	75	55	16	4-14	100	213	-	-	6.5
25	160	115	85	65	16	4-14	125	236	-	-	7
32	190	135	100	78	18	4-18	180	312	-	-	13.5
40	200	145	110	85	18	4-18	160	328	-	-	16
50	230	160	125	100	20	4-18	320	450	-	-	32
65	290	180	145	120	22	8-18	360	530	-	-	46
80	310	195	160	135	22	8-18	400	560	-	-	60
100	350	230	190	160	24	8-23	450	618	-	-	80
125	400	270	220	188	28	8-25	450	675	-	-	107
150	480	300	250	218	30	8-25	560	743	-	-	134
200	600	360	310	278	34	12-25	640	850	-	-	268.7
250	650	425	370	332	36	12-30	720	975	340	380	449
300	750	485	430	390	40	16-30	800	1115	340	415	663
400	950	610	550	505	48	16-34	900	1380	340	465	1170

氧气专用截止阀
Oxygen globe valve



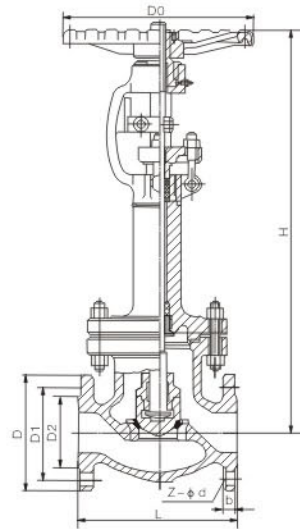
泉舜流控
QUANSHUN FLOW CONTROL



主要外形尺寸及重量/Main outline dimension & weight

单位Unit:mm

DN (mm)	L	D	D1	D2	D6	b	Z-φd	D0	H	H1	L1	WT (kg)
YJ41W-40P YJ41W-40T												
15	130	95	65	45	40	16	4-14	100	202	-	-	5
20	150	105	75	55	51	16	4-14	100	225	-	-	6.5
25	160	115	85	65	58	16	4-14	125	236	-	-	7
32	190	135	100	78	66	18	4-18	180	312	-	-	13.5
40	200	145	110	85	76	18	4-18	160	328	-	-	16
50	230	160	125	100	88	20	4-18	320	450	-	-	32
65	290	180	145	120	110	22	8-18	360	530	-	-	45
80	310	195	160	135	121	22	8-18	400	560	-	-	60
100	350	230	190	160	150	24	8-23	450	618	-	-	80
125	400	270	220	188	176	28	8-25	450	675	-	-	105
150	480	300	250	218	204	30	8-25	560	743	-	-	134
200	600	375	320	282	260	38	12-30	640	850	-	-	266
250	650	445	385	345	313	42	12-34	720	975	340	380	491
300	750	510	450	408	364	46	16-34	800	1115	340	415	705
400	950	655	585	535	474	58	16-41	900	1425	340	465	1234



主要外形尺寸及重量/Main outline dimension & weight

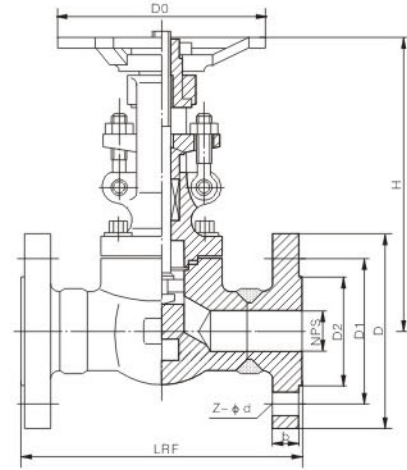
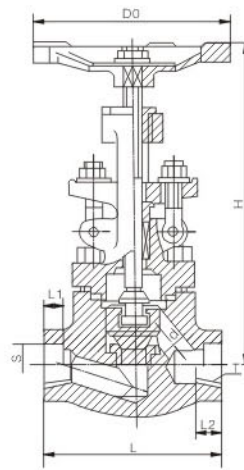
单位Unit:mm

DN (mm)	L	D	D1	D2	b	Z-φd	D0	H			WT (kg)
								-46°C	-101°C	-196°C	
DJ41Y-16C DJ41Y-16P DJ41Y-16R DJ641Y-16C DJ641Y-16P DJ641Y-16R DJ9B41Y-16C DJ9B41Y-16P DJ9B41Y-16R											
50	230	160	125	100	16	4-18	240	460	480	520	15
65	290	180	145	120	18	4-18	280	475	505	525	23
80	310	195	160	135	20	8-18	280	520	550	590	28
100	350	215	180	155	20	8-18	320	545	575	615	32
125	400	245	210	185	22	8-18	360	590	620	660	88
150	480	280	240	210	24	8-23	400	650	680	730	96
200	600	335	295	265	26	12-23	400	850	880	930	155
250	730	405	355	320	30	12-25	450	956	986	1036	425
300	850	460	410	375	30	12-25	500	1095	1125	1175	641
DJ41Y-25 DJ41Y-25P DJ41Y-16R DJ641Y-25C DJ641Y-25P DJ641Y-25R DJ9B41Y-25C DJ9B41Y-25P DJ9B41Y-25R											
50	230	160	125	100	20	4-18	240	460	480	520	16
65	290	180	145	120	22	8-18	280	475	505	525	23
80	310	195	160	135	22	8-18	280	520	550	590	29
100	350	230	190	160	24	8-23	320	545	575	615	32
125	400	270	220	188	28	8-25	360	590	620	660	90
150	480	300	250	218	30	8-25	400	650	680	730	98
200	600	360	310	278	34	12-25	400	850	880	930	159
250	730	425	370	332	36	12-30	450	956	986	1036	436
300	850	485	430	390	40	16-30	500	1095	1125	1175	657
DJ41Y-40 DJ41Y-40P DJ41Y-40R DJ641Y-40C DJ641Y-40P DJ641Y-40R DJ9B41Y-40C DJ9B41Y-40P DJ9B41Y-40R											
50	230	160	125	100	20	4-18	240	483	504	546	16
65	290	180	145	120	22	8-18	280	499	530	551	24
80	310	195	160	135	22	8-18	280	546	578	620	30
100	350	230	190	160	24	8-23	320	572	604	646	33
125	400	270	220	188	28	8-25	360	620	651	693	93
150	480	300	250	218	30	8-25	400	683	741	767	100
200	600	360	320	282	38	12-25	400	893	924	977	163
250	730	425	385	345	42	12-30	450	1004	1035	1088	447
300	850	485	450	408	46	16-36	500	1150	1181	1234	673

锻钢截止阀 Forged globe valve



泉舜流控
QUANSHUN FLOW CONTROL



主要外形尺寸及重量/Main outline dimension & weight

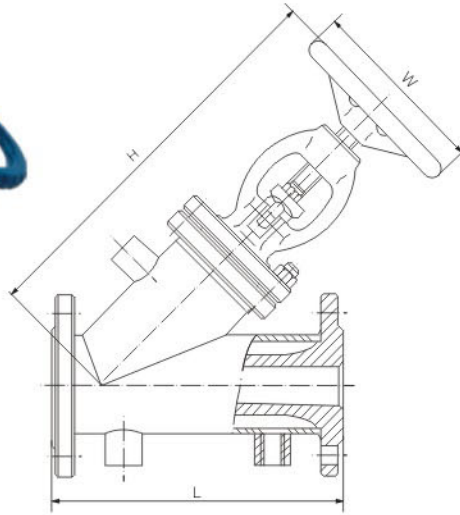
单位Unit:mm

DN (mm)	L	LRF	d	S 承插端 SW		螺纹端 NPT		H	D0	WT (kg)
				S	L1	T	L2			
J41H-16 CJ41H-25 J41H-40 J11H-16 CJ11H-25 J11H-40 J61H-16C J61H-25 J61H-40										
15	79	130	13	22.5	10	1/2	15	159	98	6.9
20	92	150	18	28.5	11	3/4	17	190	112	9.8
25	111	160	23	34.5	12	1	19	208	126	13.5
32	120	180	29	43	14	1 1/4	21	216	166	19.5
40	152	200	36	49	15	1 1/2	21	247	188	28.5
50	172	230	46	61	16	2	25	290	220	30.3
J41H-64 J11H-64 J61H-64										
15	79	170	13	22.5	10	1/2	15	159	98	7.7
20	92	190	18	28.5	11	3/4	17	190	112	11.3
25	111	210	23	34.5	12	1	19	208	126	16.8
32	120	230	29	43	14	1 1/4	21	216	166	21.2
40	152	260	36	49	15	1 1/2	21	258	188	32.6
50	172	300	46	61	16	2	25	405	220	35

主要外形尺寸及重量/Main outline dimension & weight

单位Unit:mm

DN (mm)	L	LRF	d	承插端 SW		螺纹端 NPT		H	D0	WT (kg)
				S	L1	T	L2			
J41Y-100 J11Y-100 J61Y-100										
15	79	170	13	22.5	10	1/2	15	159	98	7.8
20	92	190	18	28.5	11	3/4	17	190	112	12.5
25	111	210	23	34.5	12	1	19	208	126	17.5
32	120	230	29	43	14	1 1/4	21	216	166	23.5
40	152	260	36	49	15	1 1/2	21	258	188	38.5
50	172	300	46	61	16	2	25	405	220	42.2
J41Y-160 J11Y-160 J61Y-160										
15	111	170	13	22.5	10	1/2	15	159	98	8.2
20	111	190	18	28.5	11	3/4	17	190	112	13.8
25	120	210	23	34.5	12	1	19	208	126	18.5
32	152	230	29	43	14	1 1/4	21	216	188	25.5
40	172	260	36	49	15	1 1/2	21	258	220	41.5
50	220	300	46	61	16	2	25	405	220	49



应用规范/Application of norms

- 1、设计制造按GB12235-59
 - 2、结构长度按GB12221-89
 - 3、法兰尺寸按JB/T79-94
 - 4、阀门检查和试验按GB13927
1. Design Manufacture According to GB12235-59
 2. Face to Face According to GB12221-89
 3. Flange Dimension According to JB/T79-94
 4. Valve Check and Test According to Gb13927

结构/Structure

B.B; OS&Y
Characteristic:B.B; OS&Y

主要零件材料/Main parts material form

零件名称 Item	ZG1Cr18Ni9Ti系列	ZG00Cr18Ni10系列	ZG1Cr18Ni12MO2Ti系列	ZG00Cr17Ni14MO2系列	WCB系列
阀体/阀盖 Body/cap	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12MO2Ti	ZG00Cr17Ni14MO2	WCB
阀瓣 Disc	1Cr18Ni9Ti	00Cr18Ni10	1Cr18Ni12MO2Ti	00Cr17Ni14MO2	1Cr13
阀杆 Stem	1Cr18Ni9Ti	00Cr18Ni10	1Cr18Ni12MO2Ti	00Cr17Ni14MO2	1Cr13
填料 Packing	PTFE编织	PTFE编织	PTFE编织	PTFE编织	石墨 Graphite
垫片 Gasket	304+PTFE	304L+PTFE	316+PTFE	316L+PTFE	石墨+304 Graphite+304
压盖 Gland flange	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12MO2Ti	ZG00Cr17Ni14MO2	WCB
填料压环 Stuffing ring	1Cr18Ni9Ti	00Cr18Ni10	1Cr18Ni12MO2Ti	00Cr17Ni14MO2	1Cr13
螺栓 Bolt	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	35CrMoA
螺母 Nut	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	45

主要外形尺寸及重量/Main outline dimension

1.6MPa

尺寸 Dimension	DN	15	20	25	32	40	50	65	80	100	125	150
L	mm	170	190	210	230	260	300	340	380	430	490	550
H	mm	250	292	340	348	360	410	440	540	560	625	720
W	mm	120	140	160	160	160	240	240	280	320	360	360
G	inch	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"

主要外形尺寸及重量/Main outline dimension

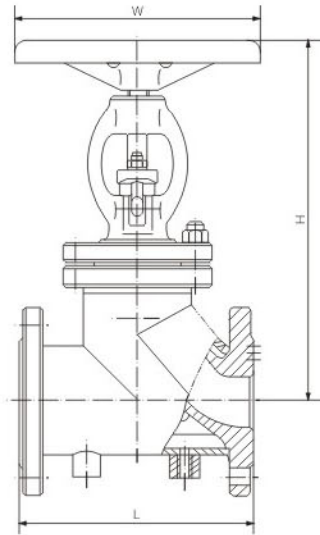
2.5~4.0MPa

尺寸 Dimension	DN	15	20	25	32	40	50	65	80	100	125	150
L	mm	170	190	210	230	260	300	340	380	430	490	550
H	mm	250	292	340	348	360	410	440	548	560	625	720
W	mm	120	140	160	160	160	240	240	280	320	360	360
G	inch	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"

BJ41型 保温截止阀 Jacket globe valve



泉舜流控
QUANSHUN FLOW CONTROL



应用规范/Application of norms

- 1、设计制造按GB12235-59
 - 2、结构长度按GB12221-89
 - 3、法兰尺寸按JB/T79-94
 - 4、阀门检查和试验按GB13927
1. Design Manufacture According to GB12235-59
 2. Face to Face According to GB12221-89
 3. Flange Dimension According to JB/T79-94
 4. Valve Check and Test According to Gb13927

结构/Structure

B.B; OS&Y
Characteristic: B.B; OS&Y

主要零件材料/Main parts material form

零件名称 Item	ZG1Cr18Ni9Ti系列	ZG00Cr18Ni10系列	ZG1Cr18Ni12MO2Ti系列	ZG00Cr17Ni14MO2系列	WCB系列
阀体/阀盖 Body/cap	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12MO2Ti	ZG00Cr17Ni14MO2	WCB
阀瓣 Disc	1Cr18Ni9Ti	00Cr18Ni10	1Cr18Ni12MO2Ti	00Cr17Ni14MO2	1Cr13
阀杆 Stem	1Cr18Ni9Ti	00Cr18Ni10	1Cr18Ni12MO2Ti	00Cr17Ni14MO2	1Cr13
填料 Packing	PTFE编织	PTFE编织	PTFE编织	PTFE编织	石墨 Graphite
垫片 Gasket	304+PTFE	304L+PTFE	316+PTFE	316L+PTFE	石墨+304 Graphite+304
压盖 Gland flange	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12MO2Ti	ZG00Cr17Ni14MO2	WCB
填料压环 Stuffing ring	1Cr18Ni9Ti	00Cr18Ni10	1Cr18Ni12MO2Ti	00Cr17Ni14MO2	1Cr13
螺栓 Bolt	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	35CrMoA
螺母 Nut	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	45

主要外形尺寸及重量/Main outline dimension

1.6MPa

尺寸 Dimension	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	mm	130	150	160	180	200	250	265	280	300	325	350	400	450	500	550	600	650	700	800
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780	2050	2181	2599
W	mm	180	180	200	200	200	240	240	280	320	360	360	400	450	500	500	600	720	720	720

主要外形尺寸及重量/Main outline dimension

2.5MPa

尺寸 Dimension	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	mm	130	150	160	180	200	250	265	280	300	325	350	400	450	500	550	600	650	700	800
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780	2050	2181	2599
W	mm	180	180	200	200	200	240	240	280	320	360	360	400	450	500	500	600	720	720	720

主要外形尺寸及重量/Main outline dimension

4.0MPa

尺寸 Dimension	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	250	280	310	350	400	450	550	650	750	850	950
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780
W	mm	180	180	200	200	200	240	240	280	320	360	360	400	450	500	500	600