



协助共赢 兼容并蓄
传承创新 精益求精
ASSIST IN A WIN-WIN SITUATION BE INCLUSIVE
INHERIT AND INNOVATE AND STRIVE FOR EXCELLENCE

浙江展工阀门集团有限公司 / 温州翰华阀门科技有限公司
ZHEJIANG ZHANGONG VALVE GROUP CO., LTD. WENZHOUS HANHUA VALVE TECHNOLOGY CO., LTD.

地址/Add: 浙江省温州经济技术开发区滨海一道1633号

No. 1633, Binhai 1st Road, Wenzhou Economic and Technological Development Zone, Zhejiang Province

手机/Mob: 188 5870 1889 133 5615 8853 Q Q: 824754731
电话/Tel: 0577-8608 3829 传真/Fax: 0577-8608 3821 邮箱/Email: 824754731@qq.com

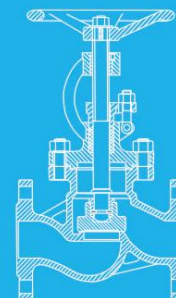


www.hh-fm.cn



展拓阀界 工承匠心
EXPANDING VALVE BOUNDARIES CRAFTSMANSHIP AND CRAFTSMANSHIP

截止阀系列 GLOBE VALVE SERIES



www.hh-fm.cn | 66

FLANGED GLOBE VALVE

法兰截止阀

产品材质:不锈钢、碳钢、双相钢、特殊钢、钛、镍、锆等

结构特征

Structure characteristics

截止阀属于比较常见的截断阀，主要用来接通或截断管路中的介质。法兰连接截止阀适用于公称压力PN1.6~16.0MPa,工作温度-46~550℃的石油、化工、制药、化肥、电力行业等各种工况的管路上，切断或接通管路介质。

Globe valves are a common type of shut-off valve, mainly used to connect or cut off the medium in pipelines. The flange connected globe valve is suitable for cutting off or connecting pipeline media in various working conditions such as petroleum, chemical, pharmaceutical, fertilizer, and power industries with a nominal pressure of PN1.6~16.0MPa and a working temperature of -46~550 °C.

特点

Characteristics

- 截止阀的结构比闸阀简单，制造和维护方便。
- 密封面不易磨损及擦伤，密封性好，使用寿命长。
- 启闭时，阀瓣行程小，截止阀的高度比闸阀小，但结构长度比闸阀长。
- 启闭力巨大，启闭较费力，启闭时间较长。
- 流体阻力大，因阀体内介质通道较曲折，流体阻力大，动力消耗大。
- 介质流动方向:公称压力PN≤16MPa时，一般采用顺流，介质从阀瓣下方向上流，公称压力PN≥20MPa时，一般采用逆流，介质从阀瓣上方向下流，增强密封性能。
- 全开时阀瓣经常受冲蚀。

- The structure of a globe valve is simpler than that of a gate valve, and it is easy to manufacture and maintain.
- The sealing surface is not easily worn or scratched, with good sealing performance and long service life.
- When opening and closing, the valve disc stroke is small, the height of the globe valve is smaller than that of the gate valve, but the structural length is longer than that of the gate valve.
- The opening and closing torque is large, the opening and closing are more laborious, and the opening and closing time is longer.
- The fluid resistance is high due to the tortuous medium channels in the valve body, resulting in high fluid resistance and high power consumption.
- Medium flow direction: When the nominal pressure PN ≤ 16MPa, downstream flow is generally used, and the medium flows upward from the direction below the valve disc. When the nominal pressure PN is ≥ 20MPa, reverse flow is generally used, and the medium flows downward from the valve disc to enhance the sealing performance.
- When fully open, the valve disc is often eroded.

主要零件材料

Material for main parts

材料名称 MATERIAL NAME	阀体、阀盖、阀瓣 BODY, COVER, GATE	密封 SEALING	阀杆 STEM	填料 PACKING	螺栓/螺母 BOLT/NUT
碳素钢 Carbon steel	WCB	13Cr, STL	Cr13系	柔性石墨 Flexible graphite	35CrMoA/45
奥氏体不锈钢 Austenitic stainless steel	CF8(304), CF8M(316) CF3(304L), CF3M(316L)	本体材料, STL Body material, STL	304, 316 304L, 316L	柔性石墨, PTFE Flexible graphite, PTFE	304/304 316/316
合金钢 Alloy steel	WC6, WC9, 1Cr5Mo, 15CrMo	STL	25Cr2Mo1V	柔性石墨 Flexible graphite	25Cr2Mo1V/35CrMoA
双相钢 Dual phase steel	F51, 00Cr22Ni5Mo3N	本体材料, STL Body material, STL	00Cr22Ni5Mo3N	柔性石墨, PTFE Flexible graphite, PTFE	316/316
低温钢 Low temperature steel	LCB, LF2, 16Mn	STL	1Cr17Ni2, 304	柔性石墨 Flexible graphite	42CrMoA/20CrMoA
钛 Titanium	ZTA1, ZTA2, ZTA10, Gr2, Gr3	本体材料 Body material	TA1, TA2, TA10, Gr2, Gr3, TC4	柔性石墨, PTFE Flexible graphite, PTFE	304/304 316/316
镍 Nickel	哈氏合金Hastelloy	本体材料 Body material	哈氏合金 Hastelloy	柔性石墨, PTFE Flexible graphite, PTFE	304/304 316/316

GB, DIN GLOBE VALVE

国标、德标截止阀

产品材质:不锈钢、碳钢、双相钢、特殊钢、钛、镍、锆等

设计标准

Design standards

- 设计与制造按GB/T 12235, DIN 3356
- 结构长度按GB/T 12221, DIN 3202
- 法兰连接尺寸按JB/T 79, DIN 2543
- 检验按GB/T 26480, DIN 3230
- Design and manufacture as GB/T 12235, DIN 3356
- Face to face dimensions as GB/T 12221, DIN 3202
- End flange dimension as JB/T 79, DIN 2543
- Pressure test as GB/T 26480, DIN 3230

性能规范

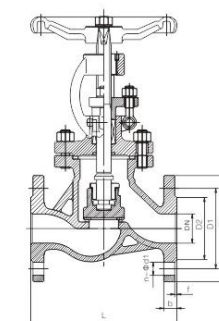
Performance specifications

- 公称压力: 1.6, 2.5, 4.0, 6.3, 10.0Mpa
- 强度试验: 2.4, 3.8, 6.0, 9.5, 15.0Mpa
- 密封试验: 1.8, 2.8, 4.4, 7.0, 11Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品、硝酸类、醋酸类
- 适用温度: -29℃~425℃
- Nominal pressure: 1.6, 2.5, 4.0, 6.3, 10.0Mpa
- Strength test: 2.4, 3.8, 6.0, 9.5, 15.0Mpa
- Seal test: 1.8, 2.8, 4.4, 7.0, 11Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29℃~425℃



主要外形尺寸 Main overall dimensions

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
15	130	95	95	65	45	2	14	16	4-Φ14	4-Φ14
20	150	105	105	75	55	2	14	18	4-Φ14	4-Φ14
25	160	115	115	85	65	2	14	18	4-Φ14	4-Φ14
32	180	135	140	100	78	2	16	18	4-Φ18	4-Φ18
40	200	145	150	110	85	3	16	18	4-Φ18	4-Φ18
50	230	160	165	125	100	3	16	18	4-Φ18	4-Φ18
65	290	180	185	145	120	3	18	18	4-Φ18	8-Φ18
80	310	195	200	160	135	3	20	20	8-Φ18	8-Φ18
100	350	215	220	180	155	3	20	20	8-Φ18	8-Φ18
125	400	245	250	210	185	3	22	22	8-Φ18	8-Φ18
150	480	280	285	240	210	3	24	22	8-Φ23	8-Φ22
200	600	335	340	295	265	3	26	24	12-Φ23	12-Φ22
250	650	405	405	355	320	3	30	26	12-Φ25	12-Φ26
300	750	460	460	410	375	4	30	28	12-Φ25	12-Φ26
350	850	520	520	470	435	4	34	30	16-Φ25	16-Φ26
400	950	580	580	525	485	4	36	32	16-Φ30	16-Φ30
450	1050	640	640	585	545	4	40	40	20-Φ30	20-Φ30
500	1150	705	715	650	608	4	44	44	20-Φ34	20-Φ33



GB, DIN GLOBE VALVE

国标、德标截止阀

产品材质: 不锈钢、碳钢、双相钢、特殊钢、钛、镍、锆等

J₉ 41 W
H (16~100)P、R、C

PN25

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T79	HG/T20592				JB/T79	HG/T20592	JB/T79	HG/T20592
15	130	95	95	65	45	2	16	16	4-14	4-14
20	150	105	105	75	55	2	16	18	4-14	4-14
25	160	115	115	85	65	2	16	18	4-14	4-14
32	180	135	140	100	78	2	18	18	4-18	4-18
40	200	145	150	110	85	2	18	18	4-18	4-18
50	230	160	165	125	100	2	20	20	4-18	4-18
65	290	180	185	145	120	2	22	22	8-18	8-18
80	310	195	200	160	135	2	22	24	8-18	8-18
100	350	230	235	190	160	2	24	24	8-23	8-22
125	400	270	270	220	188	2	28	26	8-25	8-26
150	480	300	300	250	218	2	30	28	8-25	8-26
200	600	360	360	310	278	2	34	30	12-25	12-26
250	650	425	425	370	332	2	36	32	12-30	12-30
300	750	485	485	430	390	2	40	34	16-30	16-30
350	850	550	555	490	448	2	44	38	16-34	16-33
400	950	610	620	550	505	2	48	40	16-34	16-36
450	1050	660	670	600	555	2	50	46	20-34	20-36
500	1150	730	730	660	610	2	52	48	20-41	20-36

PN40

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T79	HG/T20592				JB/T79	HG/T20592	JB/T79	HG/T20592
15	130	95	95	65	45	2	16	16	4-14	4-14
20	150	105	105	75	55	2	16	18	4-14	4-14
25	160	115	115	85	65	2	16	18	4-14	4-14
32	180	135	140	100	78	2	18	18	4-18	4-18
40	200	145	150	110	85	2	18	18	4-18	4-18
50	230	160	165	125	100	2	20	20	4-18	4-18
65	290	180	185	145	120	2	22	22	8-18	8-18
80	310	195	200	160	135	2	22	24	8-18	8-18
100	350	230	235	190	160	2	24	24	8-22	8-22
125	400	270	270	220	188	2	28	26	8-26	8-26
150	480	300	300	250	218	2	30	28	8-26	8-26
200	600	375	375	320	285	2	38	34	12-30	12-30

PN63

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T79	HG/T20592				JB/T79	HG/T20592	JB/T79	HG/T20592
15	130	105	105	75	55	2	18	20	4-14	4-14
20	150	125	130	90	68	2	20	22	4-18	4-18
25	160	135	140	100	78	2	22	24	4-18	4-18
32	180	150	155	110	82	2	24	26	4-23	4-22
40	200	165	170	125	95	2	24	28	4-23	4-22
50	230	175	180	135	105	2	26	26	4-23	4-22
65	290	200	205	160	130	2	28	26	8-23	8-22
80	310	210	215	170	140	2	30	28	8-23	8-22
100	350	250	250	200	168	2	32	30	8-25	8-26
125	400	295	295	240	202	2	36	34	8-30	8-30
150	480	340	345	280	240	2	38	36	8-34	8-33
200	600	405	415	345	300	2	44	42	12-34	12-36

ANSI, JIS GLOBE VALVE

美标、日标截止阀

J₉ 41 W
H (150LB~300LB, 10K~20K)P、R、C

产品材质: 不锈钢、碳钢、双相钢、特殊钢、钛、镍、锆等

设计标准

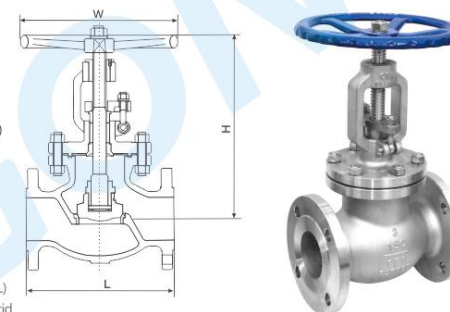
Design standards

- 设计制造按: ASME B16.34、BS 1873
- 结构长度按: ASME B16.10
- 连接尺寸按: ASME B16.5、JIS B2220
- 检验和测试按: ISO 5208、API 598、BS 6755
- Design & Manufacture as per: ASME B16.34, BS 1873
- Face to face dimension as per: ASME B16.10
- Connection ends dimension as per: ASME B16.5, JIS B2220
- Inspection and test as per: ISO 5208, API 598, BS 6755

性能规范

Performance specifications

- 公称压力: 150, 300L.B, 10K, 20K
- 强度试验: PT3.0, 7.5, 2.4, 5.8Mpa
- 密封试验: 2.2, 5.5, 1.5, 4.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品、硝酸类、醋酸类
- 适用温度: -29°C ~ 425°C
- Nominal pressure: 150, 300L.B, 10K, 20K
- Strength test: PT3.0, 7.5, 2.4, 5.8Mpa
- Seal test: 2.2, 5.5, 1.5, 4.0Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29°C ~ 425°C



主要外形尺寸 Main overall dimensions

Z41H(Y)

Class 150/10K												
inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8
mm	15	20	25	32	40	50	65	80	100	125	150	200
mm	108	117	127	140	165	203	216	241	292	356	406	495
mm	163	193	250	250	291	350	362	385	490	455	537	707
mm	100	125	160	160	180	220	250	280	320	320	400	450

Z41H(Y)

Class 300/20K												
inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8
mm	15	20	25	32	40	50	65	80	100	125	150	200
mm	152	178	203	216	229	267	292	318	356	400	445	559
mm	163	193	250	250	291	345	377	405	468	620	*708	*777
mm	100	125	160	160	180	220	250	280	320	400	*450	*500

ANTIBIOTICS GLOBE VALVE

抗生素截止阀

产品材质: 不锈钢、碳钢、双相钢、特殊钢、钛、镍、锆等

设计标准

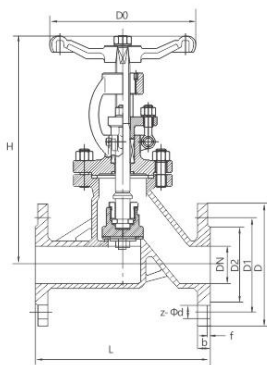
Design standards

- 设计与制造按GB/T 12235、DIN 3356
- 结构长度按GB/T 12221、DIN 3202
- 法兰连接尺寸按JB/T 79、DIN 2543
- 检验按GB/T 26480、DIN 3230
- Design and manufacture as GB/T 12235, DIN 3356
- Face to face dimensions as GB/T 12221, DIN 3202
- End flange dimension as JB/T 79, DIN 2543
- Pressure test as GB/T 26480, DIN 3230

性能规范

Performance specifications

- 公称压力: 1.6, 2.5, 4.0, 6.3Mpa
- 强度试验: 2.4, 3.8, 6.0, 9.5Mpa
- 密封试验: 1.8, 2.8, 4.4, 7.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品、硝酸类、醋酸类
- 适用温度: -29°C ~ 425°C
- Nominal pressure: 1.6, 2.5, 4.0, 6.3Mpa
- Strength test: 2.4, 3.8, 6.0, 9.5Mpa
- Seal test: 1.8, 2.8, 4.4, 7.0Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29°C ~ 425°C



主要外形尺寸 Main overall dimensions

DN	L	D	D1	D2	f	b	z-Φd	H	D0
		JB/T79 HG/T20592				JB/T79 HG/T20592	JB/T79 HG/T20592		
15	130	95	65	45	2	14	4-Φ14 4-Φ14	190	100
20	150	105	75	55	2	14	4-Φ14 4-Φ14	200	120
25	160	115	85	65	2	14	4-Φ14 4-Φ14	225	140
32	180	135	100	78	2	16	4-Φ18 4-Φ18	235	160
40	200	145	110	85	3	16	4-Φ18 4-Φ18	265	200
50	230	160	125	100	3	16	4-Φ18 4-Φ18	280	220
65	290	180	145	120	3	18	4-Φ18 8-Φ18	350	240
80	310	195	160	135	3	20	8-Φ18 8-Φ18	360	280
100	350	215	180	155	3	20	8-Φ18 8-Φ18	410	320
125	400	245	210	185	3	22	8-Φ18 8-Φ18	450	350
150	480	280	240	210	3	24	8-Φ23 8-Φ22	480	400
200	600	335	295	265	3	26	12-Φ23 12-Φ22	600	450
250	650	405	355	320	3	30	12-Φ25 12-Φ26	720	550
300	750	460	410	375	4	30	12-Φ25 12-Φ26	950	650
350	850	520	470	435	4	34	16-Φ25 16-Φ26	1040	750
400	950	580	525	485	4	36	16-Φ30 16-Φ30	1150	800
450	1050	640	585	545	4	40	20-Φ30 20-Φ30	1250	850
500	1150	705	650	608	4	44	20-Φ34 20-Φ33	1380	950

J41F-(16~63)P、R、C

FEMALE GLOBE VALVE

内螺纹截止阀

产品材质: 不锈钢、碳钢、双相钢、特殊钢、钛、镍、锆等

性能规范

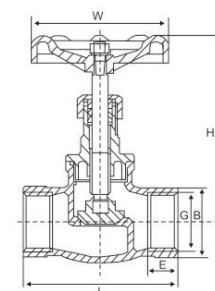
Performance specifications

- 公称压力: PN1.6, 2.5, 4.0, 6.4Mpa.
- 强度试验压力: PT2.4, 3.8, 6.0, 9.6Mpa
- 高压密封试验压力: 1.8, 2.8, 4.4, 7.1Mpa
- 适用温度: -29°C ~ 150°C
- 适用介质: J11H-(16-64)C 水、油品、气 J11W-(16-64)P 硝酸类 J11W-(16-64)R 醋酸类
- Nominal pressure: PN1.6, 2.5, 4.0, 6.4Mpa
- Strength testing pressure: PT2.4, 3.8, 6.0, 9.6Mpa
- Seat testing pressure (high pressure): 1.8, 2.8, 4.4, 7.1Mpa
- Applicable temperature: -29°C ~ 150°C
- Applicable media: J11H-(16-64)C Water, Oil, Gas J11W-(16-64)P Nitric acid J11W-(16-64)R Acetic acid



主要零件材料 Material for main parts

材料名称 MATERIAL NAME	J11H-(16-64)C	J11W-(16-64)P	J11W-(16-64)R
阀体Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
阀瓣 Disc	1Cr18Ni9Ti 304	1Cr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
阀杆 Stem	1Cr18Ni9Ti 304	1Cr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
密封圈 Sealing		304, 316	
填料 Gland Packing	聚四氟乙烯 Polytetrafluorethylene (PTFE)		



主要外形尺寸 Main external dimensions

DN	G	L	E	B	H	W
8	1/4"	65	15	23	80	70
10	3/8"	65	15	26	80	70
15	1/2"	65	16	31	88	70
20	3/4"	75	18	38	95	70
25	1"	90	20	46	110	80
32	1 1/4"	105	21.5	58	123	100
40	2 1/2"	120	23	63	135	100
50	2"	140	24.5	76	150	100
65	2 1/2"	152	27	89	190	120
80	3"	175	30	104	210	140

FORGED STEEL GLOBE VALVE

锻钢截止阀

产品材质: 不锈钢、碳钢、双相钢、特殊钢、钛、镍、锆等

设计标准

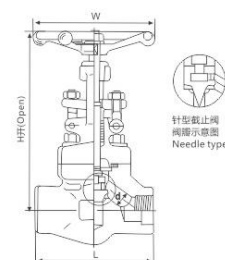
Design standards

- 设计制造按API 602、ASME B16.34
- 连接尺寸按ASME B1.20.1、ASME B16.25
- 检验和测试按API 598
- Design and manufacture: API 602, ASME B16.34
- Connection ends dimension: ASME B1.20.1 and ASME B16.25
- Inspection test: API 598

性能规范

Performance specifications

- 公称压力: 150~800LB
- 强度试验: 1.5xPN
- 密封试验: 1.1xPN
- 气密封试验: 0.6Mpa
- 阀门主体材料: A105(C), F304(P), F304L(PL), F316(R), F316L(RL)
- 适用介质: 水、蒸汽、油品、硝酸类、醋酸类
- 适用温度: -29°C~425°C
- Nominal pressure: 150 ~ 800LB
- Strength test: 1.5xPN
- Seal test: 1.1xPN
- Gas seal test: 0.6Mpa
- Valve body material: A105(C), F304(P), F304L(PL), F316(R), F316L(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29°C ~ 425°C



主要零件材料 Material for main parts

零件名称 PART NAME	材料 MATERIAL			
阀体 Body	A105	A182 F22	A182 F304	A182 F316
阀瓣 The disc	A276 420	A276 304	A276 304	A182 316
阀杆 The valve stem	A182 F6A	A182 F304	A182 F304	A182 F316
阀盖 The cover	A105	A182 F22	A182 F304	A182 F316

主要外形尺寸 Main external dimensions

Size		Class 150~800								
DN	Inch	d	S	D	G	T	L	H	W	
1/2"	15	10.5	22.5	36	1/2"	10	79	162	100	
3/4"	20	13	28.5	41	3/4"	11	92	165	100	
1"	25	17.5	34.5	50	1"	12	111	203	125	
1 1/4"	32	23	43	58	1 1/4"	14	120	220	160	
1 1/2"	40	28	49	66	1 1/2"	15	150	255	160	
2"	50	36	61.1	78	2"	16	172	290	180	

FORGED STEEL GLOBE VALVE

锻钢截止阀

产品材质: 不锈钢、碳钢、双相钢、特殊钢、钛、镍、锆等

设计标准

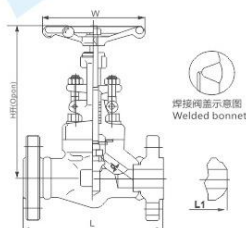
Design standards

- 设计制造按API 602、BS 5352、ASME B16.34
- 连接尺寸按ASME B16.5
- 检验和测试按API 598
- Design manufacture as per: API 602, BS 5352, ASME B16.34
- Connection ends dimension as per: ASME B16.5
- Inspection and test as per: API 598

性能规范

Performance specifications

- 公称压力: 150~1500LB
- 强度试验: 1.5xPN Mpa
- 密封试验: 1.1xPN Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: A105(C), F304(P), F304L(PL), F316(R), F316L(RL)
- 适用介质: 水、蒸汽、油品、硝酸类、醋酸类
- 适用温度: -29°C~425°C
- Nominal pressure: 150~1500LB
- Strength test: 1.5xPN Mpa
- Seal test: 1.1xPN Mpa
- Gas seal test: 0.6Mpa
- Valve body material: A105(C), F304(P), F304L(PL), F316(R), F316L(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29°C ~ 425°C



主要外形尺寸 Main overall dimensions

SIZE		GB PN16-160									
in	mm	压力PN	L(mm)	压力PN	L(mm)	压力PN	L(mm)	压力PN	L(mm)	压力PN	L(mm)
1/2	15	PN16	130	PN25	130	PN40	130	PN63	170	PN100	170
3/4	20		150		150		150		190		190
1	25		160		160		160		210		210
1 1/4	32		180		180		180		230		230
1 1/2	40		200		200		200		260		260
2	50		230		230		230		300		300

J41H(Y)

SIZE		ANSI 150-2500LB									
in	mm	Class	L(mm)	Class	L(mm)	Class	L(mm)	Class	L(mm)	Class	L(mm)
1/2	15	150LB	108	300LB	152	600LB	165	900LB	216	1500LB	216
3/4	20		117		178		190		229		229
1	25		127		203		216		254		254
1 1/4	32		140		216		229		279		279
1 1/2	40		165		229		241		305		305
2	50		203		267		292		368		368