法兰截止阀

FLANGE GLOBE VALVE

产品概述 Product overview

截止阀适用于公称压力PN1.6～16.0MPa(Class150～2500)，工作温度≤600℃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 valve are used to cut or connect the pipe media under nominal pressure between PN1.6～16.0MPa(Class150～2500), working temperatures ≤600℃. in oil industry, chemical industry,pharmaceuticals, fertilizer, and power industry.

产品特点 Product Features

- 产品结构合理、密封可靠、性能优良、造型美观。
- 密封面堆焊Co基硬质合金，耐磨、耐蚀、抗擦伤性能好，使用寿命长。
- 阀杆经调质及表面氮化处理，有良好的抗腐蚀性及抗擦伤性。
- 公称压力≥25.0MPa(Class1500)中腔采用自紧密封式结构，密封性能随压力升高而增强，保证了密封性能。
- 阀门设有倒密封结构，密封可靠。
- 零件材质及法兰、对焊端尺寸可根据实际工况或用户要求合理选配，满足各种工程需要。

- Rational structure, reliable sealing, excellent performance, pretty appearance.
- Co-radix alloy welded sealing surface, anti-wearing, erosion-proof abrasion-proof and longer use life.
- he surface and the adjusting media of the valve shaft are nitrogenized so that it is erosion and abrasion resistant.
- PN≥25.0MPa (class1500), the middle cavity uses a self-tightening sealing structure to have the sealing performance reinforced along with the pressure rise so as to ensure the sealing performance.
- There is no backward sealing structure in the valve, so the sealing id reliable.
- The material of the filling and the flange size can be chosen and matched according to the applications and the requirements of the use's. That can satisfies all kinds of working requirements.

执行标准 Administer Standard

设计与制造 Design And Manufacture	结构长度 Face to face	法兰尺寸 Flange Dimension	压力-温度 Pressure Temperature Lating	试验-检验 Inspection And Test
GB12235	GB12221	JB79 HG/T 20592	GB9131 GB/T 12224	GB/T13927-2008 GB/T 26480-2011

压力试验 Pressure Test

(MPa)

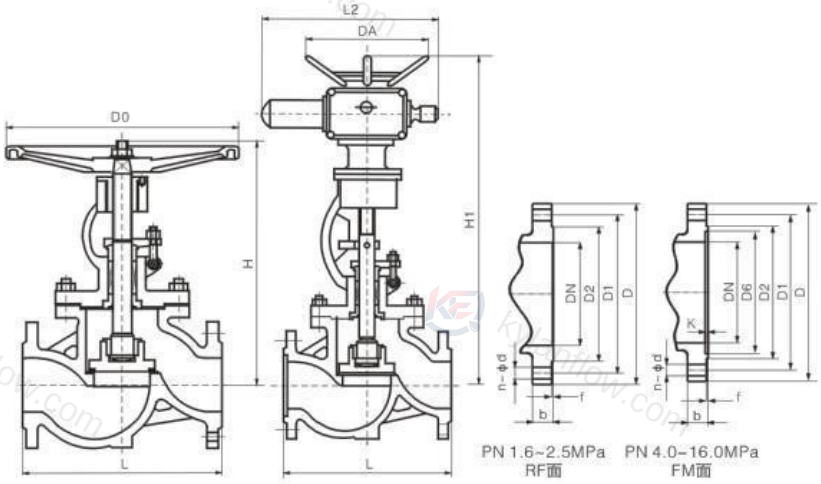
公称压力 Nominal Pressore	1.6	2.5	4.0	6.4	10.0	16.0
强度试验 Sliell Test	2.4	3.75	6.0	9.6	15.0	24.0
水密封试验 Water Seal Test	1.76	2.75	4.4	7.04	11.0	17.6
上密封试验 Back Seat Test	1.76	2.75	4.4	7.04	11.0	17.6
气密封试验 Air Seal Test	0.4-0.7					

主要零件材料及性能 Main Part Materials and Property

体 盖 板 Body Cover Disc	阀杆 Stem	密封面 Sealing Face	垫片(环) Sealing Shim	填料 Packing	工作温度℃ Working Temperature	适用介质 Suitable Medium
WCB	2Cr13	13Cr STL 本体材料 With Body Material PTFE 尼龙 Nylon	增强柔性石墨 Enhanced Flexible Graphite 1Cr13/柔性石墨 1Cr13/Flexible Graphite 08软钢 08 Soft Steel 0Cr18Ni9Ti 0Cr18Ni12Mo2Ti XS550F（T） PTFE	柔性石墨 增强柔性石墨 Flexible Graphite Enhanced Flexible Graphite SFB/260 SFP/260 PTFE	≤425	水 蒸汽 油品 Water Steam Oil
WC1	38CrMoAl 25Cr2MoV				≤450	
WC6					≤540	
WC9					≤570	
ZGCr5Mo					≤540	
ZG1Cr18Ni9Ti	1Cr18Ni9Ti				≤200	硝酸类 Nitric Acid
ZG1Cr18Ni12Mo2Ti	1C18Ni12Mo2Ti				≤200	醋酸类 Acetic Acid

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主要外形尺寸 Main Dimensions

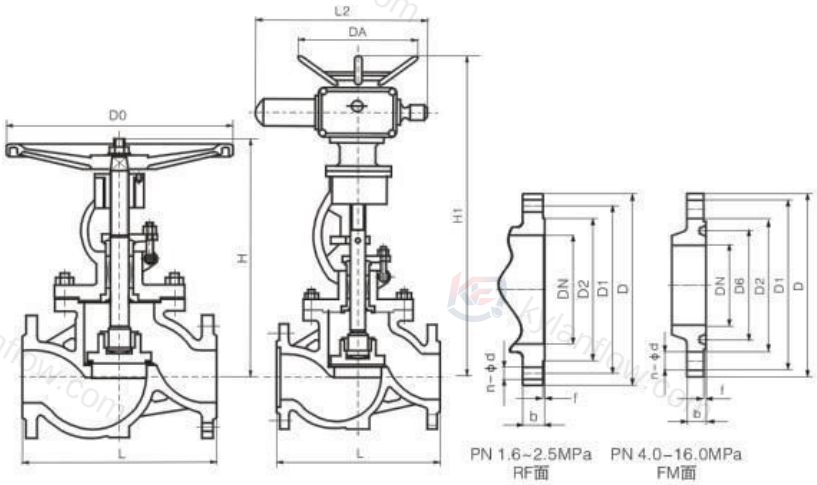
单位/Unit:mm

型号Type：J41H-16C J41Y-16I J41W-16P J41F-16C J41N-16C													
连接尺寸 Connection dimension								手动外形尺寸 Manual outer dimension		电动外形尺寸 Electric outer dimension			
DN	L	D	D1	D2	D6	b	N-φd	H	D0	L2	H1	DA	电装型号 Electric Actuator Code
10	130	90	60	40		14	4-φ14	198	120				
15	130	95	65	45		14	4-φ14	218	120				
20	150	105	75	55		14	4-φ14	258	140				
25	160	115	85	65		14	4-φ14	275	140				
32	180	135	100	78		16	4-φ18	280	160				
40	200	145	110	85		16	4-φ18	330	180				
50	230	160	125	100		16	4-φ18	350	200	590	645	365	DZW10
65	290	180	145	120		18	4-φ18	370	280	590	690	365	DZW10
80	310	195	160	135		20	8-φ18	400	280	590	715	365	DZW20
100	350	215	180	155		20	8-φ18	415	320	590	770	365	DZW20
125	400	245	210	185		22	8-φ18	460	360	590	780	365	DZW30
150	480	280	240	210		24	8-φ23	510	450	590	875	365	DZW45
200	600	335	295	265		26	12-φ23	710	500	810	967	470	DZW60
250	650	405	355	320		30	12-φ25	786	550	810	1153	470	DZW90
300	750	460	410	375		30	12-φ25	925	600	830	1292	550	DZW120
350	850	520	470	435		34	16-φ25	1075	700	830	1530	550	DZW120
400	950	580	525	485		36	16-φ30	1235	800	870	1810	320	DZW180
450	1200	640	585	545		40	20-φ30	-	1000	870	-	320	DZW250
500	1250	705	650	608		44	20-φ34	-	1000	1170	-	570	DZW500
600	1450	840	770	718		48	20-φ36/41	-	1000	1170	-	570	DZW500
700	1650	910	840	788		50	20-φ36/41	-	1000	1170	-	570	DZW500

*说明：手动、气动、液动、电动等相关连接尺寸相同；另外我公司可按客户要求定制生产非标尺寸其他标准和特殊材料产品。
*Description: Manual, pneumatic, hydraulic, electric and other related connection sizes are the same; In addition, our company can customize the production of non-standard sizes of other standards and special materials products according to customer requirements.

法兰截止阀
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主要外形尺寸 Main Dimensions

单位/Unit:mm

型号Type：J41H-25C J41Y-25I J41W-25P J41F-25C J41N-25C													
连接尺寸 Connection dimension								手动外形尺寸 Manual outer dimension		电动外形尺寸 Electric outer dimension			
DN	L	D	D1	D2		b	n-φd	H	D0	L2	H1	DA	电装型号 Electric Actuator Code
10	130	90	60	40		16	4-φ14	198	120				
15	130	95	65	45		16	4-φ14	218	120				
20	150	105	75	55		16	4-φ14	258	140				
25	160	115	85	65		16	4-φ14	275	140				
32	180	135	100	78		18	4-φ18	280	160				
40	200	145	110	85		18	4-φ18	330	180				
50	230	160	125	100		20	4-φ18	350	200	590	645	365	DZW10
65	290	180	145	120		22	8-φ18	400	280	590	690	365	DZW10
80	310	195	160	135		22	8-φ18	355	280	590	715	365	DZW20
100	350	230	190	160		24	8-φ23	415	320	590	770	365	DZW20
125	400	270	220	188		28	8-φ25	460	360	590	780	365	DZW30
150	480	300	250	218		30	8-φ25	510	450	810	875	470	DZW45
200	600	360	310	278		34	12-φ25	710	500	810	967	470	DZW60
250	650	425	370	332		36	12-φ30	786	550	830	1153	550	DZW90
300	750	485	430	390		40	16-φ30	925	600	830	1292	550	DZW120
350	850	550	490	448		44	16-φ34	1075	700	870	1650	320	DZW180
400	950	610	550	505		48	16-φ34	1235	800	870	1830	320	DZW250
450	1200	660	600	555		50	20-φ34	-	1000	1170	-	570	DZW350
500	1250	730	660	610		52	20-φ41	-	1000	1170	-	570	DZW500
600	1450	840	770	718		56	20-φ41						

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主要外形尺寸 Main Dimensions

单位/Unit:mm

型号Type：J41H-40C J41Y-40I J41W-40P J41F-40C J41N-40C													
连接尺寸 Connection dimension								手动外形尺寸 Manual outer dimension		电动外形尺寸 Electric outer dimension			
DN	L	D	D1	D2	D6	b	n-φd	H	D0	L2	H1	DA	电装型号 Electric Actuator Code
10	130	90	60	41	35	14	4-φ14	198	120				
15	130	95	65	45	40	16	4-φ14	233	120				
20	150	105	75	55	51	16	4-φ14	275	140				
25	160	115	85	65	58	16	4-φ14	285	160				
32	180	135	100	78	66	18	4-φ18	302	160				
40	200	145	110	85	76	18	4-φ18	355	200				
50	230	160	125	100	88	20	4-φ18	373	200	590	645	365	DZW10
65	290	180	145	120	110	22	8-φ18	408	280	590	690	365	DZW10
80	310	195	160	135	121	22	8-φ18	436	280	590	715	365	DZW20
100	350	230	190	160	150	24	8-φ23	480	320	590	770	365	DZW30
125	400	270	220	188	176	28	8-φ25	588	360	810	782	470	DZW45
150	480	300	250	218	204	30	8-φ25	611	400	810	875	470	DZW60
200	600	375	320	282	260	38	12-φ30	720	400	830	1160	550	DZW90
250	730	445	385	345	313	42	12-φ34	800	450	810	1343	470	DZW120
300	850	510	450	408	364	46	16-φ34	890	500	810	1516	470	DZW120
350	980	570	510	465	422	52	16-φ34	980	600	810	1678	470	DZW180
400	1100	655	585	535	474	58	16-φ41	1100	600	830	1849	550	DZW250
500	1250	755	670	612	576	62	20-φ48	1250	700	830	2234	550	DZW350
600	1450	890	795	730	676/678	62	20-φ54/48	1380	900	870	2432	320	DZW500

主要外形尺寸 Main Dimensions

单位/Unit:mm

型号Type：J41H-64C J41Y-64I J41W-64P J41F-64C J41N-64C													
连接尺寸 Connection dimension								手动外形尺寸 Manual outer dimension		电动外形尺寸 Electric outer dimension			
DN	L	D	D1	D2	D6	b	n-φd	H	D0	L2	H1	DA	电装型号 Electric Actuator Code
15	170	105	75	55	40	18	4-φ14	195	400				
20	190	125	90	68	51	20	4-φ18	228	160				
25	210	135	100	78	58	22	4-φ18	275	180				
32	230	150	110	82	66	24	4-φ23	325	200				
40	260	165	125	95	76	24	4-φ23	360	240				
50	300	175	135	105	88	26	4-φ23	410	280	590	710	365	DZW10
65	340	200	160	130	110	28	8-φ23	450	320	590	750	365	DZW20
80	380	210	170	140	121	30	8-φ23	485	360	590	785	365	DZW30
100	430	250	200	168	150	32	8-φ25	537	400	810	837	470	DZW45
125	500	295	240	202	176	36	8-φ30	631	400	810	1031	470	DZW60
150	550	340	280	240	204	38	8-φ34	646	450	830	1066	550	DZW90
200	650	405	345	300	260	44	12-φ34	813	500	830	1213	550	DZW120
250	775	470	400	352	313	48	12-φ36/41	990	600	830	1500	550	DZW120
300	900	530	460	412	364	54	16-φ36/41	1180	700	830	1820	550	DZW180

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FLANGE GLOBE VALVE

主要外形尺寸 Main Dimensions

单位/Unit:mm

型号Type：J41H-100C J41Y-100I J41W-100P J41F-100C J41N-100C													
连接尺寸 Connection dimension								手动外形尺寸 Manual outer dimension		电动外形尺寸 Electric outer dimension			
DN	L	D	D1	D2	D6	b	n-φd	H	D0	L2	H1	DA	电装型号 Electric Actuator Code
10	170	100	70	50	35	20	4-φ14	198	140				
15	170	105	75	55	40	20	4-φ14	202	140				
20	190	125	90	68	51	22	4-φ18	228	160				
25	210	135	100	78	58	24	4-φ18	250	180				
32	230	150	110	82	66	24	4-φ23	326	200				
40	260	165	125	95	76	26	4-φ23	360	240				
50	300	195	145	112	88	28	4-φ25	414	280	590	714	365	DZW20
65	340	220	170	138	110	32	8-φ25	434	320	590	734	365	DZW30
80	380	230	180	148	121	34	8-φ25	547	360	810	847	470	DZW45
100	430	265	210	172	150	38	8-φ30	621	400	810	950	470	DZW60
125	500	310	250	210	176	42	8-φ34	732	400	830	1142	550	DZW90
150	550	350	290	250	204	46	12-φ34	840	450	830	1240	550	DZW120
200	650	430	360	312	260	54	12-φ41	925	500	870	1425	320	DZW180
250	775	430	360	312	260	54	12-φ41/36	800	500	830	1450	550	DZW180
300	900	500	430	382	313	60	12-φ41	1050	640	870	1650	320	DZW250

主要外形尺寸 Main Dimensions

单位/Unit:mm

型号Type：J41H-160C J41Y-160I J41W-160P J41F-160C J41N-160C													
连接尺寸 Connection dimension								手动外形尺寸 Manual outer dimension		电动外形尺寸 Electric outer dimension			
DN	L	D	D1	D2	D6	b	n-φd	H	D0	L2	H1	DA	电装型号 Electric Actuator Code
15	170	110	75	52	40	24	4-φ18	148	140				
20	190	130	90	62	51	26	4-φ23	158	160				
25	210	140	100	72	58	28	4-φ23	175	180				
32	230	165	115	85	66	30	4-φ25	200	200				
40	260	175	125	92	76	32	4-φ27	231	240				
50	300	215	165	132	88	36	8-φ25	262	280	590	562	365	DZW30
65	340	245	190	152	110	44	8-φ30	303	320	810	743	470	DZW45
80	380	260	205	168	121	46	8-φ30	341	360	830	820	550	DZW90
100	430	300	240	200	150	48	8-φ34	485	400	830	935	550	DZW120
125	500	355	285	238	190	68	8-φ41	620	400	810	1248	470	DZW180
150	550	390	318	270	205	76	12-φ41	720	500	830	1394	550	DZW180
200	650	480	400	345	275	89	12-φ48	800	600	830	1621	550	DZW250

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低温截止阀

CRYOGENIC GLOBE VALVE

产品概述 Product overview

适用于低温和深冷介质管路系统上，作为控制介质流通和截断的启闭装置。

The valve can be installed on the pipeline for low temp and cryogenic medium,can be used as the on-off device to control and shut off the medium.

产品特点 Product Features

- 明杆带支架；
- 拴接式阀盖；
- 阀盖加长颈部分长度可按工况要求或按客户要求执行，以保证填料正常使用；
- 操作式式：手轮、齿轮、电动等。

- OS & Y,outside screw and yoke ;
- BB, bolted bonnet;
- The extended bonnet can designed according to the using environment or clients'requirement to ensure the packing working well.
- Operator: handwheel ,bevel gear electrical etc.

执行标准 Administer Standard

设计与制造 Design And Manufacture	结构长度 Face to face	法兰尺寸 Flange Dimension	压力-温度 Pressure Temperature Lating	试验-检验 Inspection And Test
JB/T7749	GB 12221	JB79 HG/T 20592	GB9131 GB/T12224	GB/T13927-2008 GB/T 26480-2011

压力试验 Pressure Test

(MPa)

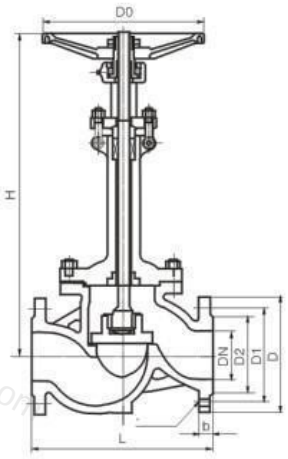
公称压力PN Nominal Pressore	1.6	2.5	4.0
强度试验 Shell Test	2.4	3.75	6.0
水密封试验 Water Seal Test	1.76	2.75	4.4
上密封试验 Back Seat Test	1.76	2.75	4.4
气密封试验 Air Seal Test	0.4-0.7		

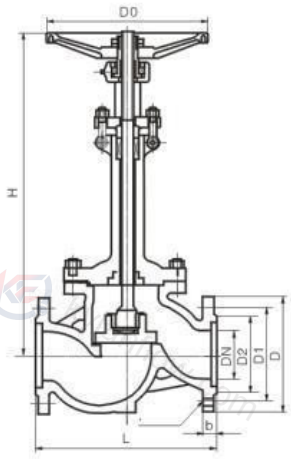
主要零件材料及性能 Main Part Materials and Property

体 盖 板 Body Cover Disc	阀杆 Stem	密封面 Sealing Face	垫片 Shim	填料 Packing	工作温度℃ Working Temperature	适用介质 Suitable Medium
LCB	1Cr17Ni12	STL/STL	1Cr13/柔性石墨 低温石棉 1Cr13/Flexible Graphite SUB-Zero Asbestos	PTFE 浸聚四氟乙烯石棉绳 柔性石墨 Asbe Stos String With PTFE Soaked Fletible Graphite	-46	丙烷/丙烯 甲醇/乙烷 煤气/液氨 Propane Propylene Methanol Ethanol Coal-gas Liquid Ammonia
LC1					-60	
LC2					-73	
LC3	1Cr18Ni9Ti				-101	
LC4					-115	
CF8					-196	

低温截止阀
CRYOGENIC GLOBE VALVE







主要外形尺寸 Main Dimensions

单位/Unit:mm

DN	L	D	D1	D2	b	n-φd	H			D0
							-46℃	-101℃	-196℃	
型号Type：DJ41Y-16L DJ41Y-16LC1 DJ41Y-16LC2 DJ41Y-16LC3 DJ41Y-16LC4 DJ41Y-16P DJ41Y-16R										
50	230	160	125	100	16	4-φ18	460	480	520	240
65	290	180	145	120	18	4-φ18	475	505	525	280
80	310	195	160	135	20	8-φ18	520	550	590	280
100	350	215	180	155	20	8-φ18	545	575	615	320
125	400	245	210	185	22	8-φ18	590	620	660	360
150	480	280	240	210	24	8-φ23	650	680	730	400
200	600	335	295	265	26	12-φ23	850	880	930	400
250	650	405	355	320	30	12-φ25	956	986	1036	450
300	750	460	410	375	30	12-φ25	1095	1125	1175	500
型号Type：DJ41Y-25LCB DJ41Y-25LC1 DJ41Y-25LC2 DJ41Y-25LC3 DJ41Y-25LC4 DJ41Y-25P DJ41Y-25R										
50	230	160	125	100	20	4-φ18	460	460	520	240
65	290	180	145	120	22	8-φ18	475	505	525	280
80	310	195	160	135	22	8-φ18	520	550	590	280
100	350	230	190	160	24	8-φ23	545	575	615	320
125	400	270	220	188	28	8-φ25	590	620	660	360
150	480	300	250	218	30	8-φ25	650	680	730	400
200	600	360	310	278	34	12-φ25	850	880	930	400
250	650	425	370	332	36	12-φ30	956	986	1036	450
300	750	485	430	390	40	16-φ30	1095	1125	1175	500
型号Type：DJ41Y-40L DJ41Y-40LC1 DJ41Y-40LC2 DJ41Y-40LC3 DJ41Y-40LC4 DJ41Y-40P DJ41Y-40R										
50	230	160	125	100	20	4-φ18	483	504	546	240
65	290	180	145	120	22	8-φ18	499	530	551	280
80	310	195	160	135	22	8-φ18	546	578	620	280
100	350	230	190	160	24	8-φ23	572	604	646	320
125	400	270	220	188	28	8-φ25	620	651	693	360
150	480	300	250	218	30	8-φ25	683	741	767	400
200	600	375	320	282	38	12-φ30	893	924	977	400
250	650	445	385	345	42	12-φ34	1004	1035	1088	450
300	750	510	450	408	46	16-φ34	1150	1181	1234	500

保温截止阀

JACKET GLOBE VALVE

产品概述 Product overview

主要用于石油、化工、冶金、制药等系统中，以输送常温下会凝固的高粘度介质管路上，作为介质接通或截断的启闭装置。

It is mainly used as the connecting and cutting off device on the pipeline in industries of petroleum, chemical, metallurgy and pharmacy system and so on transporting the high viscosity medium which would be solidified under normal temperature.

产品特点 Product Features

- 明杆带支架；
- 拴接式阀盖；
- 活套连接阀瓣；
- 升降阀杆与手轮；
- 支架与阀盖一体式。

- Outside screw and yoke ;
- BB, bolted bonnet;
- Loose disc;
- Rising stem and handwheel;
- Yoke integral with bonnet.

技术规范 Technical Specifications

设计依据 Design Basis	GB
设计标准 Design Standard	GB/T 12235/GB/T 12224
结构长度 Face-to-Face	GB/T 12221
法兰端连接 Flanged	GB/T 9113
试验和检验 Test and Check	JB/T 9092/GB/T 12224

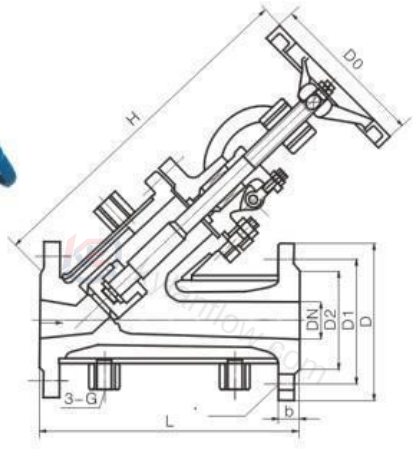
主要零件与材质 Main Parts and Materials

零件名称 Part Name	碳钢 Carbon Steel		不锈钢 Stainless Steel	
	GB	ASTM	GB	ASTM
阀体 Body	WCB	A216-WCB	CF8 CF8M	A351-CF8 A351-CF8M
阀盖 Bonnet	WCB	A216-WCB	CF8 CF8M	A351-CF8 A351-CF8M
阀瓣 Disc	25	A105	12Cr18Ni9 06Cr17Ni12Mo2	A182-F304 A182-F316
阀杆 Stem	20Cr13	A182-F6a	12Cr18Ni9 06Cr17Ni12Mo2	A182-F304 A182-F316
中法兰垫片 Bonnet Gasket	F.G/12Cr18Ni9	F.G/304	F.G/12Cr18Ni9	F.G/304
中法兰螺柱 Bonnet Stud	35CrMo	A193-B7	12Cr18Ni9	A193-B8
中法兰螺母 Bonnet Stud Nut	45	A194-2H	12Cr18Ni9	A194-8
填料 Packing	Flexible Graphite			
填料压盖 Packing Gland	WCB	A216-WCB	CF8 CF8M	A351-CF8 A351-CF8M
活节螺栓 Eye Bolt	45	A307-B	12Cr18Ni9	A193-B8
阀杆螺母 Yoke Sleeve	ZCuAl10Fe3	C95500	ZCuAl10Fe3	C95500
手轮 Hand Wheel	KTH350-10	A47 32510	KTH350-10	A47 32510

保温截止阀
JACKET GLOBE VALVE







主要外形尺寸 Main Dimensions

单位/Unit:mm

型号Type：BJ45/41H-16 BJ45/41Y-16P BJ45/41Y-16R BJ45/41Y-16R3						
DN	内径 DN	端法兰尺寸 DN	L	H	D0	Wt(Kg)
15	15	20	130	232	100	6
20	20	25	150	290	120	8
25	25	32	160	306	140	10
32	32	40	180	321	160	14
40	40	50	200	366	180	18
50	50	65	230	375	220	26
65	65	80	290	390	280	32
80	80	100	310	430	300	41
100	100	125	350	500	320	56
150	150	200	480	610	420	115

型号Type：BJ45/41H-25 BJ45/41Y-25P BJ45/41Y-25R BJ45/41Y-25R3											
公称通径 DN	PN2.5MPa							G	H	D0	WT (Kg)
	L	D	D1	D2	D6	b	Z-φd				
15	200	105	75	55	–	16	4-φ14	1/2"	210	120	15
20	220	115	85	65	–	16	4-φ14	1/2"	240	140	21
25	220	135	100	78	–	18	4-φ18	1/2"	250	160	25
32	250	145	110	85	–	18	4-φ18	1/2"	270	160	30
40	270	160	125	100	–	20	4-φ18	1/2"	310	160	36
50	300	180	145	120	–	22	8-φ18	3/4"	330	240	40
65	350	195	160	135	–	22	8-φ18	3/4"	360	240	54
80	380	230	190	160	–	24	8-φ23	3/4"	400	280	70
100	430	270	220	188	–	28	8-φ25	1"	480	320	100
125	490	300	250	218	–	30	8-φ25	1"	550	360	130
150	570	330	280	248	–	32	12-φ25	1"	620	300	170
200	690	395	340	302	–	36	12-φ30	1"	750	400	250
型号Type：BJ45/41H-40 BJ45/41Y-40P BJ45/41Y-40R BJ45/41Y-40R3											
15	200	105	75	55	51	16	4-φ14	1/2"	210	120	18
20	220	115	85	65	58	16	4-φ14	1/2"	240	140	21
25	220	135	100	78	66	18	4-φ18	1/2"	250	160	25
32	250	145	110	85	76	18	4-φ18	1/2"	270	160	33
40	270	160	125	100	88	20	4-φ18	1/2"	310	160	41
50	300	180	145	120	110	22	8-φ18	3/4"	330	240	45
65	350	195	160	135	121	22	8-φ18	3/4"	360	240	62
80	380	230	190	160	150	24	8-φ23	3/4"	400	280	80
100	430	270	220	188	176	28	8-φ25	1"	480	320	100
125	190	300	250	218	204	30	8-φ25	1"	550	360	130
150	570	350	295	258	234	34	12-φ30	1"	620	360	185
200	690	415	355	315	287	40	12-φ34	1"	750	400	168

波纹管截止阀

BELLOWS GLOBE VALVE

产品概述 Product overview

波纹管截止阀适用于公称压力PN1.6~16MPa，工作温度-29~350℃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。

Bellows Seal Globe Valve with bellow seal acc.to is applicable to the cu-tting and connection of pipelines medium that are used in various Industries such as petroleum,chemical industry,pharmacy,chemical fertilizer,electric power industry etc under nominal pressure of PN1.6~16MPa and working temperature of-29~350℃.

产品特点 Product Features

- 产品结构合理、密封可靠、性能优良、造型美观；
- 密封面堆焊Co基硬质合金、耐磨、耐腐、抗摩擦性能好、使用寿命长；
- 阀杆调质及表面氮化处理，有良好的抗腐和抗摩擦性能；
- 双重密封，性能更可靠；
- 阀杆升降位置指示，更直观；
- 零件材质及法兰、对焊端尺寸可根据实际工况或用户要求合理选配，满足各种工程需要。

- This product has logical structure,reliable seal,excellent performance and nice design.
- The seal surface is build-up welding with Co hard alloy，which is attrition-resistant,corrosion-resistant,has good friction resistant and long life.
- The stem is quenched and tempered,and its surface is treated by nitriding treatment,thus it has good corrosion resistant and friction resistant.
- It has double seal capability,thus is more reliable.
- The stem may show the position of lift,thus it is clearer.
- The part material，flange and but weld end dimension may be selected according to curren operating condition and users' requirement, So that meet the requirements of various engineering.

技术规范 Technical Specificastion

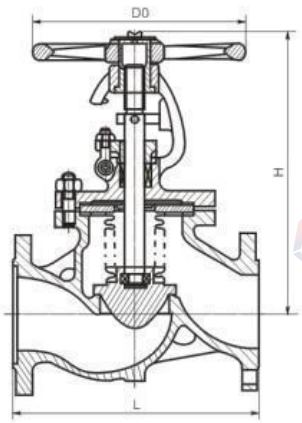
结构形式 Structural formation	BB-BG-OS & Y
驱动方式 Driving maner	手动 Hand-operated
	电动 Electric-actuated
设计标准 Design standard	GB12235
结构长度 Face to face	GB12221
连接法兰 Flange ends	GB9113、JB/T79、HG20596
试验和检验 Test & inspection	JB/T 9092、GB/T13927

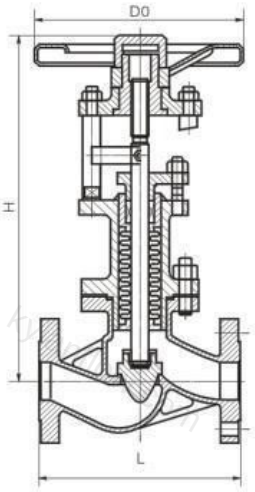
主要尺寸及重量 Main Dimensions And Weight

序号NO.	名称 Part name	材　质 Material
1	阀体 Body	WCB、CF8、CF8M、CF3、CF3M
2	阀瓣 Disc	25、1Cr13、2Cr13、1Cr18Ni9Ti、0Cr18Ni12Mo2Ti、20Cr1Mo1V、25Cr2MoV
3	轴销 Pin	25、1Cr13、2Cr13、1Cr18Ni9Ti、0Cr18Ni12Mo2Ti、20Cr1Mo1V、25Cr2MoV
4	阀杆 Stem	25、1Cr13、2Cr13、1Cr18Ni9Ti、0Cr18Ni12Mo2Ti 、20Cr1Mo1V、25Cr2MoV
5	波纹管组件 Bellow assemble	1Cr18Ni9Ti、304、316、304L、316L
6	垫片 Gasket	柔性石墨+不锈钢 Flexible graphite+stainless steel、PTFE
7	阀盖 Bonnet	WCB、CF8、CF8M、CF3、CF3M
8	双头螺栓 Bolt	0Cr18Ni9Ti、0Cr18Ni12Mo2Ti、35CrMoV、25Cr2MoV
9	六角螺母 Nut	0Cr18Ni9Ti、0Cr18Ni12Mo2Ti、35CrMoV、25Cr2MoV
10	填料 Packing	柔性石墨 Flexible graphite、PTFE
11	填料压盖 Gland	WCB、CF8、CF8M、CF3、CF3M
12	阀杆螺母 Yoke nut	铜合金 ZQA19-4
13	手轮 Handwheel	WCB、QT400-18

波纹管截止阀
BELLOWS GLOBE VALVE







主要外形尺寸 Main Dimensions

单位/Unit:mm

型号Type：WJ41H-16C WJ41W-16P WJ41Y-16I								
DN	L	D	D1	D2	b	N-φd	H	D0
15	130	95	95	45	14	4-φ14	190	120
20	150	105	75	55	14	4-φ14	195	140
25	160	115	85	65	14	4-φ14	225	140
32	180	135	100	78	16	4-φ18	260	180
40	200	145	110	85	16	4-φ18	280	200
50	230	160	125	100	16	4-φ18	310	220
65	290	180	145	120	18	4-φ18	340	260
80	310	195	160	135	20	8-φ18	395	280
100	350	215	180	155	20	8-φ18	435	300
125	400	245	210	185	22	8-φ18	470	340
150	480	280	240	210	24	8-φ23	535	400
200	600	335	295	265	26	12-φ23	590	450
250	730	405	355	320	30	12-φ25	630	450
300	850	460	410	375	30	12-φ25	680	500
350	980	520	470	435	34	16-φ25	720	500
400	950	580	525	485	36	16-φ30	1235	800
450	1200	640	585	545	40	20-φ30	-	1000
500	1250	705	650	608	44	20-φ34	-	1000
600	1450	840	770	718	48	20-φ36/41	-	1000
700	1650	910	840	788	50	20-φ36/41	-	1000

*说明：手动、气动、液动、电动等相关连接尺寸相同；另外我公司可按客户要求定制生产非标尺寸其他标准和特殊材料产品。
*Description: Manual, pneumatic, hydraulic, electric and other related connection sizes are the same; In addition, our company can customize the production of non-standard sizes of other standards and special materials products according to customer requirements.

波纹管截止阀

BELLOWS GLOBE VALVE

主要外形尺寸 Main Dimensions

单位/Unit:mm

型号Type：WJ41H-25C WJ41W-25P WJ41Y-25I								
DN	L	D	D1	D2	b	N-φd	H	D0
15	130	95	65	45	16	4-φ14	190	120
20	150	105	75	55	16	4-φ14	195	140
25	160	115	85	65	16	4-φ14	225	140
32	180	135	100	78	18	4-φ18	260	180
40	200	145	110	85	18	4-φ18	280	200
50	230	160	125	100	20	4-φ18	310	220
65	290	180	145	120	22	8-φ18	340	260
80	310	195	160	135	22	8-φ18	395	280
100	350	230	190	160	24	8-φ23	435	300
125	400	270	220	188	28	8-φ25	470	340
150	480	300	250	218	30	8-φ25	535	400
200	600	360	310	278	34	12-φ25	590	450
250	730	425	370	332	36	12-φ30	630	450
300	850	485	430	390	40	16-φ30	680	500
350	980	550	490	448	44	16-φ34	720	500
400	950	610	550	505	48	16-φ34	1235	800
450	1200	660	600	555	50	20-φ34	-	1000
500	1250	730	660	610	52	20-φ41	-	1000
600	1450	840	770	718	56	20-φ41	-	-

主要外形尺寸 Main Dimensions

单位/Unit:mm

型号Type：WJ41H-40C WJ41W-40P WJ41Y-40I								
DN	L	D	D1	D2	b	N-φd	H	D0
15	130	95	65	45	16	4-φ14	190	120
20	150	105	75	55	16	4-φ14	195	140
25	160	115	85	65	16	4-φ14	225	140
32	180	135	100	78	18	4-φ18	260	180
40	200	145	110	85	18	4-φ18	280	200
50	230	160	125	100	20	4-φ18	310	220
65	290	180	145	120	22	8-φ18	340	260
80	310	195	160	135	22	8-φ18	395	280
100	350	230	190	160	24	8-φ23	435	300
125	400	270	220	188	28	8-φ25	470	340
150	480	300	250	218	30	8-φ25	535	400
200	600	375	320	282	38	12-φ30	590	450
250	730	445	385	345	42	12-φ34	630	450
300	850	510	450	408	46	16-φ34	680	500
350	980	570	510	465	52	16-φ34	720	500
400	1100	655	585	535	58	16-φ41	1100	600
500	1250	755	670	612	62	20-φ48	1250	700
600	1450	890	795	730	62	20-φ54/48	1380	900

*说明：手动、气动、液动、电动等相关连接尺寸相同；另外我公司可按客户要求定制生产非标尺寸其他标准和特殊材料产品。
*Description: Manual, pneumatic, hydraulic, electric and other related connection sizes are the same; In addition, our company can customize the production of non-standard sizes of other standards and special materials products according to customer requirements.

柱塞阀
PLUNGER VALVE

产品概述 Product overview

主要用于城市供热中的水、蒸汽管路上，作为接通或截断介质的启闭装置。

Mainly used as the device to connect and cut off the pipelines transporting water and steam in the urban's heating supply system.

产品特点 Product Features

- 在阀门中柱塞与密封采用过盈配合，通过调节中法兰螺栓预紧力,使密封环压缩所产生的侧向力与阀体中孔面及柱塞外圆密封，从而保证了阀门的密封性，杜绝了 外泄漏；
- 由于密封环采用回弹性强、耐磨性高的无毒新型密封材料，所以密封可靠，经久 耐用，从而提高阀门的使用寿命；
- 本阀门结合柱塞阀的无泄漏优点和截止阀启闭快的特点，成为一种结构新颖，用 途广泛的新品种。

- Interference fit is adopted between plunger and the sealing part. Through adjusting the flange bolts, the force produced by compression can make the sealing ring touch the surface of the body and the plunger tightly so as to ensure the sealing of the valve and avoid the external leakage;
- The material of sealing ring is a non-toxic with good rebound resilience, good wear resistance quality so as the sealing is reliable and durable;
- This valve adopts the advantages of non-leakage of piston valve and quick opening feature of globe valve. And it is becoming a valve with great usage and novel structure.

产品性能规范 Chief property and specification

公称压力PN Nominal pressure	1.6	2.5	4.0	6.4	10.0	MPa
壳体试验压力 Shell test pressure	2.4	3.75	6.0	9.6	15.0	
高压密封试验压力 High pressure seat test	1.76	2.75	4.4	7.04	11.0	
低压气密封试验压力 Low pressure seat test	0.5~0.7					
适用介质 Applicable medium	C，I 水、油品、蒸汽Water, oil, steam			P硝酸类 Nitric acid		
适用温度 Applicable temperature	≤425℃			≤200℃		

主要外形尺寸 Main Dimensions

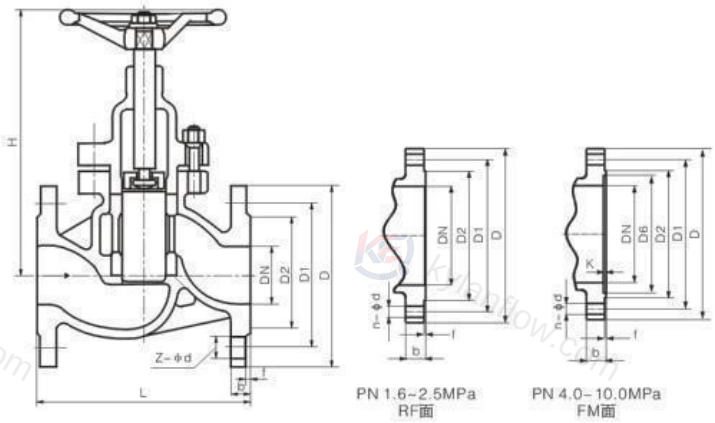
型号Type：U41S-16C/R/P U41F-16C/R/P U41SM-16C/R/P U41X-16C/R/P US41S-16C/R/P

DN	L	H	D	D1	D2	b	f	N-φd	重量WT(kg)
15	130	128	95	65	45	14	2	4-φ14	3
20	150	165	105	75	55	16	2	4-φ14	5
25	160	190	115	85	65	16	2	4-φ14	7
32	180	216	135	100	78	18	2	4-φ18	8
40	200	236	245	110	85	18	3	4-φ18	12
50	230	250	160	125	100	20	3	4-φ18	16
65	290	255	180	145	120	20	3	4-φ18	22
80	310	255	195	160	135	22	3	8-φ18	27
100	350	259	215	180	155	24	3	8-φ18	40
125	400	352	245	210	185	26	3	8-φ18	72
150	480	362	280	240	210	28	3	8-φ23	97
200	600	385	335	295	265	30	3	12-φ23	205
250	650	786	405	355	320	30		12-φ25	
300	750	925	460	410	375	30		12-φ25	

*说明：手动、气动、液动、电动等相关连接尺寸相同；另外我公司可按客户要求定制生产非标尺寸其他标准和特殊材料产品。
*Description: Manual, pneumatic, hydraulic, electric and other related connection sizes are the same; In addition, our company can customize the production of non-standard sizes of other standards and special materials products according to customer requirements.

柱塞阀
PLUNGER VALVE





主要外形尺寸 Main Dimensions

单位/Unit:mm

DN	L	H	D	D1	D2	b	f	N-φd	重量WT(kg)
型号Type：U41S-25/40C/R/P U41F-25/40C/R/P U41SM-25/40C/R/P U41X-25/40C/R/P US41S-25/40C/R/P									
15	130	133	95	65	45	16	2	4-φ14	4
20	150	178	105	75	55	16	2	4-φ14	6
25	160	180	115	85	65	16	2	4-φ14	7
32	180	195	135	100	78	18	2	4-φ18	10
40	200	220	145	110	85	18	3	4-φ18	13
50	230	250	160	125	100	20	3	4-φ18	17
65	290	272	180	145	120	22	3	8-φ18	24
80	310	275	195	160	135	22	3	8-φ18	33
100	350	312	230	190	160	24	3	8-φ23	49
125	400	365	270	220	188	28	3	8-φ25	87
150	480	410	300	250	218	30	3	8-φ25	115
200	600	450	360/375	310/320	278/282	34/38	3	12-φ25/30	210
250	650	786	425	370	332	36		12-φ30	
300	750	925	485	430	390	40		16-φ30	
型号Type：U41S-64C/R/P U41F-64C/R/P U41SM-64C/R/P U41X-64C/R/P US41S-64C/R/P									
15	170	145	105	75	55	18	2	4-φ14	5
20	190	195	125	90	68	20	2	4-φ18	7
25	210	202	135	100	78	22	2	4-φ18	8
32	230	226	150	110	82	24	2	4-φ23	12
40	260	239	165	125	95	24	3	4-φ23	15
50	300	265	175	135	105	26	3	4-φ23	19
65	340	287	200	160	130	28	3	8-φ23	26
80	380	301	210	170	140	30	3	8-φ23	37
100	430	346	250	200	168	32	3	8-φ25	55
125	400	588	270	220	188	28		8-φ25	
150	480	611	300	250	218	30		8-φ25	
200	600	720	375	320	282	38		12-φ30	

*说明：手动、气动、液动、电动等相关连接尺寸相同；另外我公司可按客户要求定制生产非标尺寸其他标准和特殊材料产品。
*Description: Manual, pneumatic, hydraulic, electric and other related connection sizes are the same; In addition, our company can customize the production of non-standard sizes of other standards and special materials products according to customer requirements.

活塞阀

PISTON VALVE

产品概述 Product overview

活塞阀是在广泛地研究并总结了截止阀与柱塞阀的基础上，新开发的一种产品，这种新颖的活塞阀具有许多优特点：一是采用双重密封，(先是金属对金属的轴向密封，再是柔性的密封环对不锈钢阀座的径向密封)所以密封性能特别好。二是使用寿命长，因它的活塞环(柔性密封环)是安装在活塞上的，所以不受介质的直接冲蚀。三是介质流经活塞阀流量大而流动阻力小。四是开闭行程短，所占空间位置小，更有利于室内或空间位置狭窄的地方用。五是维修极为方便，如阀门经长期使用后若有渗漏，只要在关闭时再将手轮多转动一点，就能产生轴向力，柔性密封环受轴向压力作用而向径向外胀，就能恢复原来的密封性能。若更换密封环也很方便，取出活塞，就可以换掉活塞环。

它广泛使用于水、气及≤250℃的热油、汽及粘性介质的管网上。(如需使用温度≤390℃或≤550℃可定做高温密封环)。

Piston valve is a new product developed on the basis of extensive research and summary of stop valve and plunger valve. This new piston valve has many advantages: first, it adopts doubleSeal, (first metal to metal axial seal, then flexible seal ring to stainless steel valve seat radial seal) so the sealing performance is particularly good. Second, it has a long service life due to its pistonThe ring (flexible seal ring) is installed on the piston, so it is not directly eroded by the medium. Third, the flow of medium through the piston valve is large and the flow resistance is small. Fourth, the opening and closing stroke is short, occupying spaceSmall, more conducive to indoor or narrow space. Fifth, the maintenance is very convenient. If the valve leaks after long-term use, just turn the hand wheel a little more when it is closed,It can produce axial force, and the flexible seal ring will expand radially under the action of axial pressure, so the original sealing performance can be restored. If it is convenient to replace the sealing ring, take out the piston and replace it Piston ring.

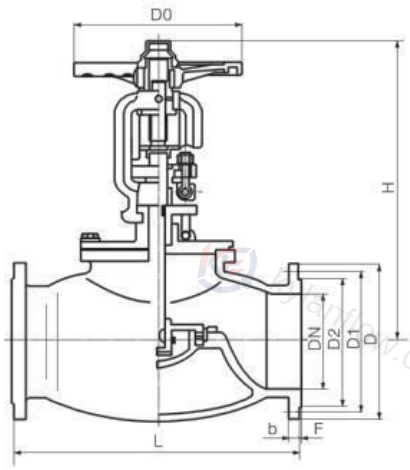
It is widely used in the pipe network of water, gas and hot oil, steam and viscous medium ≤ 250 ℃. (if you need to use temperature ≤ 390 ℃ or ≤ 550 ℃, you can customize high-temperature sealing ring).

技术规范 Technical Specifications

型号 Type	公称压力 (PN) Nominal pressure	试验压力PS(MPa)Test pressure			适用介质 Applicable medium	适用温度(℃) Applicable temperature	高温 High temperature
		壳体	密封(液)	密封(气)			
HSF11S-16CP	1.6	2.40	1.76		水蒸气/油品气 硝酸类/醋酸类	≤200	-
HSF41S-16	1.6	2.40	1.76			≤200	≤450
HSF41S-16C	1.6	2.40	1.76			≤250	
HSF41S-25C	2.5	3.75	2.80		水蒸气 油品气	≤250	-
HSF41S-40C	4.0	6.00	4.40			≤250	
HSF41S-64C	6.4	9.60	7.04			≤250	
HSF41S-100C	10	15.00	11.00	0.6		≤250	
HSF41F-16PR	1.6	2.40	1.76			≤200	
HSF41F-25PR	2.5	3.75	2.80		硝酸类 醋酸类	≤200	
HSF41F-40PR	4.0	6.00	4.40			≤200	
HSF41S-10(Z)	1.0	1.50	1.10			≤250	
HSF41S-16(Z)	1.6	2.40	1.76		水蒸气 油品气	≤250	
HSF41S-25(Z)	2.5	3.75	2.80			≤250	

活塞阀
PISTON VALVE





HSF41S-1.6活塞阀外形及连接尺寸 Main Dimensions

公称通径	尺寸（mm）							
DN（mm）	L	D	D1	D2	D0	Z-φd	b	H
25	160	115	85	65	120	4-14	16	214
32	180	135	100	78	140	4-18	18	220
40	200	145	110	85	160	4-18	18	243
50	230	160	125	100	180	4-18	20	283
65	290	180	145	120	200	4-18	20	304
80	310	195	160	135	240	8-18	20	331
100	350	215	180	155	280	8-18	24	370
125	400	245	210	185	350	8-18	26	510
150	480	280	240	210	400	8-23	28	549
200	600	335	295	265	460	12-23	30	560

HSF41S-1.6C.P.R活塞阀外形及连接尺寸

公称通径	尺寸（mm）							
DN（mm）	L	D	D1	D2	D0	Z-φd	b	H
25	160	115	85	65	120	4-14	16	214
32	180	135	100	78	140	4-18	18	220
40	200	145	110	85	160	4-18	18	243
50	230	160	125	100	180	4-18	20	283
65	290	180	145	120	200	4-18	20	304
80	310	195	160	135	240	8-18	20	331
100	350	215	180	155	280	8-18	24	370
125	400	245	210	185	350	8-18	26	510
150	480	280	240	210	400	8-23	28	549
200	600	335	295	265	460	12-23	30	560
250	730	405	355	320	550	12-25	32	570
300	750	460	410	375	550	12-25	32	–
350	787	520	470	435	600	16-25	34	–
400	914	580	525	485	800	16-30	36	–
450	978	640	585	545	800	20-30	40	–
500	978	705	650	608	850	20-34	44	–

活塞阀
PISTON VALVE

HSF41S-2.5C.P.R活塞阀外形及连接尺寸 Main Dimensions

单位/Unit:mm

公称通径	尺寸（mm）							
DN（mm）	L	D	D1	D2	D0	Z-ϕd	b	H
25	160	115	85	65	120	4-14	16	214
32	180	135	100	78	140	4-18	18	220
40	200	145	110	85	160	4-18	18	243
50	230	160	125	100	180	4-18	20	283
65	290	180	145	120	200	8-18	22	304
80	310	195	160	135	240	8-18	22	331
100	350	230	190	160	280	8-23	24	370
125	400	270	220	188	350	8-25	28	510
150	480	300	250	218	400	8-25	30	549
200	600	360	310	278	460	12-25	34	498
250	730	425	370	332	550	12-30	36	570
300	750	485	430	390	550	16-30	40	–
350	787	550	490	450	600	16-34	44	–
400	914	610	550	505	800	16-34	48	–
450	978	660	600	555	800	20-34	50	–
500	978	730	660	610	850	20-41	52	–

HSF41S-4.0C.P.R活塞阀外形及连接尺寸 Main Dimensions

单位/Unit:mm

公称通径	尺寸（mm）							
DN（mm）	L	D	D1	D2	D0	Z-ϕd	b	H
25	160	115	85	65	120	4-14	16	214
32	180	135	100	78	140	4-18	18	220
40	200	145	110	85	160	4-18	18	243
50	230	160	125	100	180	4-18	20	283
65	290	180	145	120	185	8-18	22	304
80	310	195	160	135	200	8-18	22	331
100	350	230	190	160	240	8-23	24	370
125	400	270	220	188	250	8-25	28	510
150	480	300	250	218	250	8-25	30	549
200	600	375	320	282	460	12-30	38	–
250	730	445	385	345	460	12-34	42	–
300	750	510	450	410	550	16-34	46	–
350	778	570	510	465	600	16-34	52	–

HSF41S-6.4C.P.R活塞阀外形及连接尺寸 Main Dimensions

单位/Unit:mm

公称通径	尺寸（mm）							
DN（mm）	L	D	D1	D2	D6	b	Z-ϕd	D0
25	210	135	100	78	58	22	4-18	180
32	230	150	110	82	66	24	4-23	200
40	260	165	125	95	76	24	4-23	240
50	300	175	135	105	88	26	4-23	280
65	340	200	160	130	110	28	8-23	320
80	380	210	170	140	121	30	8-23	360
100	430	250	200	168	150	32	8-25	400
125	500	295	240	202	176	36	8-30	450
150	550	340	280	240	204	38	8-34	500
200	650	405	345	300	260	44	12-34	560
250	775	470	400	352	313	48	12-41	640
300	900	530	460	412	364	54	16-41	800

节流截止放空阀

THROTTLE CUT-OFF VENTING VALVE

产品概述 Product overview

主要用于石油、天然气、水等介质的各种管路系统上，作为控制介质节流和截断的装置。
It's mainly used as the device of cutting off and throttling on the pipelines in systems of petroleum, natural gas, water and so on.

产品特点 Product Features

- 本阀是一种新型的节流、截止、放空产品，该阀采用笼形迷宫节流，具有多级节流效果，节流效果明显，密封可靠，维护方便等。
- 阀座的密封面采用锥度密封，有利于阀门自身清洗 附在密封面上的脏物。
- 阀门的阀瓣上设置了平衡孔，活塞式密封，保证了启闭全压差条件下稳定操作，开启轻便灵活、启闭扭矩小。
- 双作用式节流截止阀还具有多级节充功能，节流压差大，能适用于高压下的节流与截止。
- 本阀门可以进行在线维修，管线可以带压状态下更换填料等一系列损件。
- 本阀在阀门底部设置了较大的排污孔，必要时可以打开，清理阀内污物。

- This valve is a brand-new throttle, stop and emptying product, uses a cage-like puzzle palace throttle and features a multiple-stage throttle effect, a notable throttle effect, a reliable seal and easy operation and maintenance.
- The sealing face of the seat ring uses a taper seal, benefit to the self-clean of the dirt absorbed onto the face.
- A balancing hole and a piston type seal are set on the valve's disc, making sure of a stable operation, light and flexible open-close and a small openclose torque.
- The dual-action type throttle valve also features a multiple-stage throttle function and a big throttle pressure differential and is suitable for throttle and stop under a bigh pressure.
- The valve can be on-line repaired and replacement of the packing etc. Series easily-worn-out parts can be done with a pressure with the pipeline.
- A bigger sewage removing hole is set on the bottom of the valve, it can be opened when necessary to clean up the dirt inside of the valve.

技术规范 Technical Specifications

设计依据 Design Basis		GB
设计标准 Design Standard		GB/T 12235 GB/T 12224
结构长度 Face-to-Face		GB/T 12221
连接端 Connection End	法兰连接 Flanged	GB/T 9113
	对焊连接 Butt-Welding	GB/T 12224
试验和检验 Test and Check		JB/T 9092 GB/T 12224
抗硫材料要求 Materials		NACE MR0175

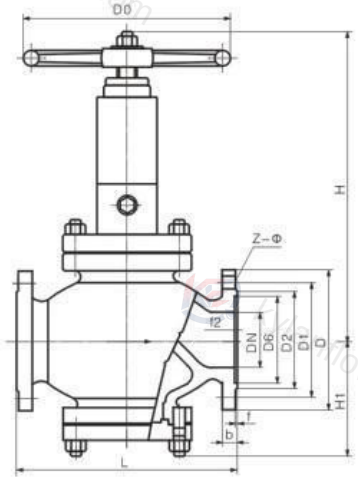
主要零件与材质 Main Parts and Materials

零件名称 Part Name	碳钢Carbon Steel		不锈钢Stainless Steel	
	GB	ASTM	GB	ASTM
阀体 Body	WCB	A216-WCB	CF8/CF8M	A351-CF8/A351-CF8M
阀盖 Bonnet	WCB	A216-WCB	CF8/CF8M	A351-CF8/A351-CF8M
芯套 Core set	25+ENP	A105+ENP	12Cr18Ni9/06Cr17Ni12Mo2	A182-F304/A182-F316
阀瓣 Disc	20Cr13	420	12Cr18Ni9/06Cr17Ni12Mo2	A182-F304/A182-F316
阀杆 Stem	20Cr13	A182-F6a	12Cr18Ni9/06Cr17Ni12Mo2	A182-F304/A182-F316
O形圈 O-Ring	NBR			
中法兰螺栓 Bonnet Stud	35CrMo	A193-B7	12Cr18Ni9	A193-B8
中法兰螺母 Bonnet Stud Nut	45	A194-2H	12Cr18Ni9	A194-8
填料 Packing	PTFE			
填料压盖 Packing Gland	45	1045	12Cr18Ni9/06Cr17Ni2Mo2	A276-F304/A276-F316
支架 Yoke	WCB	A216-WCB	CF8/CF8M	A351-CF8/A351-CF8M
阀杆螺母 Yoke Sleeve	ZCuAl10Fe3	C95500	ZCuAl10Fe3	C95500
手轮 Hand Wheel	KTH350-10	A47/32510	KTH350-10	A47/32510
注脂阀 Fat valve of the note	25+镀锌（组件）25+Zinc-plated(package)			

节流截止放空阀

THROTTLE CUT-OFF VENTING VALVE





主要外形尺寸 Main Dimensions

单位/Unit:mm

PN (MPa)	DN (mm)	25	40	50	80	100	150	200	250
FJL41Y 1.6MPa	L	216	230	230	310	350	480	600	730
	H	243	265	346	409	484	521	594	621
	H1	86	108	115	146	163	202	292	355
	D0	180	250	250	300	300	350	350	400
	WT(Kg)	17	24	27	52	60	125	165	285
FJL41Y 2.5MPa	L	216	230	230	310	350	480	600	730
	H	243	265	346	409	433	521	594	621
	H1	86	108	115	146	163	202	292	355
	D0	180	250	250	300	300	350	350	400
	WT(Kg)	17	24	27	55	66	140	180	310
FJL41Y 4.0MPa	L	216	230	230	310	350	480	600	730
	H	243	265	346	409	433	521	594	621
	H1	86	108	115	146	163	202	292	355
	D0	180	250	250	300	300	350	350	400
	WT(Kg)	20	29	32	67	80	168	215	372
FJL41Y 6.4MPa	L	216	230	230	310	350	480	600	730
	H	243	265	346	409	433	521	594	621
	H1	86	108	115	146	163	202	292	355
	D0	180	250	250	300	300	350	350	400
	WT(Kg)	20	29	32	67	80	168	315	372
FJL41Y 10.0MPa	L	230	260	300	380	430	559	660	787
	H	245	265	287	409	433	531	709	817
	H1	78	106	110	152	169	225	321	399
	D0	200	250	300	350	250	400	500	500
	WT(Kg)	29	42	55	95	120	240	310	530
FJL41Y 16.0MPa	L	230	260	300	390	450	–	–	–
	H	215	265	237	414	440	–	–	–
	H1	78	105	110	155	175	–	–	–
	D0	200	250	300	350	350	–	–	–
	WT(Kg)	35	50	65	116	145	–	–	–

磅级截止阀
ASME GLOBE VALVE

产品概述 Product overview

磅级截止阀适用于公称压力PN1.6～16.0MPa(Class150～2500)，工作温度≤600℃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 valve are used to cut or connect the pipe media under nominal pressure between PN1.6～16.0MPa(Class150～2500),working temperatures ≤600℃. in oil industry, chemical industry,pharmaceuticals, fertilizer, and power industry.

产品特点 Product Features

- 产品结构合理、密封可靠、性能优良、造型美观。
- 密封面堆焊Co基硬质合金，耐磨、耐蚀、抗擦伤性能好，使用寿命长。
- 阀杆经调质及表面氮化处理，有良好的抗腐蚀性及抗擦伤性。
- 公称压力≥25.0MPa(Class1500)中腔采用自紧密封式结构，密封性能随压力升高而增强，保证了密封性能。
- 阀门设有倒密封结构，密封可靠。
- 零件材质及法兰、对焊端尺寸可根据实际工况或用户要求合理选配，满足各种工程需要。

- Rational structure, reliable sealing, excellent performance, pretty appearance.
- Co-radix alloy welded sealing surface, anti-wearing, erosion-proof abrasion-proof and longer use life.
- he surface and the adjusting media of the valve shaft are nitrogenized so that it is erosion and abrasion resistant.
- PN≥25.0MPa (class1500), the middle cavity uses a self-tightening sealing structure to have the sealing performance reinforced along With the pressure rise so as to ensure the sealing performance.
- There is no backward sealing structure in the valve, so the sealing id reliable.
- The material of the filling and the flange size can be chosen and matched according to the applications and the requirements of the use's. That can satisfies all kinds of working requirements.

执行标准 Administer Standard

设计与制造 Design And Manufacture	结构长度 Face to face/ End to end	法兰尺寸 Flange Dimension	对焊连接尺寸 Butt welding dimension	压力-温度 Pressure Temperature Lating	试验-检验 Inspection And Test
ASME B16.34 Bs1873	ASME B16.10	ASME B16.5	ASME B16.25	ASME B16.34	API 598

压力试验 Pressure Test

(MPa)

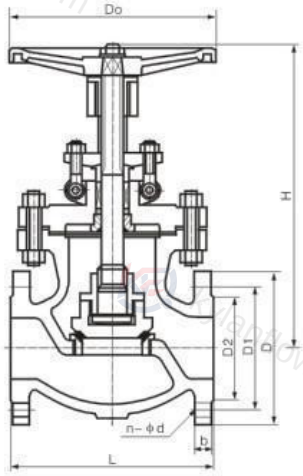
公称压力 Nominal Pressure	强度试验 Shell Test		密封试验(液) Water Seal Test		密封试验(气) Air Seal Test	
	MPa	Lbf/in²	MPa	Lbf/in²	MPa	Lbf/in²
150	3.0	430	2.2	315	0.4-0.7	60-100
300	7.7	1110	5.7	815		
600	15.3	2220	11.3	1630		
900	23.0	3330	17.0	2445		
1500	38.4	5560	28.2	4080		
2500	64.0	9255	47.0	6790		

主要零件材料及性能 Main Part Materials and Property

体盖板 Body Cover Disc	阀杆 Stem	密封面 Sealing Face	垫片 Sealing Shim	填料 Packing	工作温度℃ Working Temperature	适用介质 Suitable Medium
WCB	F6a	13Cr STL 本体材料 With Body Material PTFE 尼龙 Nylon	增强柔性石墨 13Cr/柔性石墨 Enhanced Flexible Graphite 1Cr13/Flexible Graphite SFB-2 08 软钢 Soft Steel F304 F316 F304L F316L	柔性石墨 增强柔性石墨 Flexible Graphite Enhanced Flexible graphite SFB/260 SFP/260 PTFE	≤425℃	水、蒸汽、油品 Water Steam Petroleum Propducts
WC1	F21 F22				≤450℃	
WC6					≤540℃	
WC9					≤570℃	
C5 C12					≤540℃	
CF8	F304				≤200℃	硝酸类、醋酸类 Nitric acid Acetic acid
CF3	F304L					
CF8M	F316					
CF3M	F316L					

磅级截止阀
ASME GLOBE VALVE





主要外形尺寸 Main Dimensions

J41H J41Y J41W 凸面法兰 RF CLASS 150Lb

DN		L	D	D1	D2	b	n-φd	H	Do
mm	in								
15	1/2	108	90	60.3	34.9	9.6	4-φ16	241	100
20	3/4	117	100	69.9	42.9	11.2	4-φ16	241	100
25	1	127	110	79.4	50.8	12.7	4-φ16	242	125
32	11/4	140	115	88.9	63.5	14.3	4-φ16	280	160
40	11/2	165	125	98.4	73.0	15.9	4-φ16	286	160
50	2	203	150	120.7	92.1	17.5	4-φ19	368	200
65	21/2	216	180	139.7	104.8	20.7	4-φ19	387	200
80	3	241	190	152.4	127.0	22.3	4-φ19	411	250
100	4	292	230	190.5	157.2	22.3	8-φ19	454	250
125	5	356	255	215.9	185.7	22.3	8-φ22.5	455	350
150	6	406	280	241.3	215.9	23.9	8-φ22.5	541	350
200	8	495	345	298.5	269.9	27.0	8-φ22.5	651	450
250	10	622	406	362.0	323.8	28.6	12-φ25.4	800	450
300	12	698	485	431.8	381.0	30.2	12-φ25.4	1231	600
350	14	787	535	476.3	412.8	33.4	12-φ28.5	1450	600
400	16	914	595	539.8	469.9	35.0	16-φ28.5	1645	600

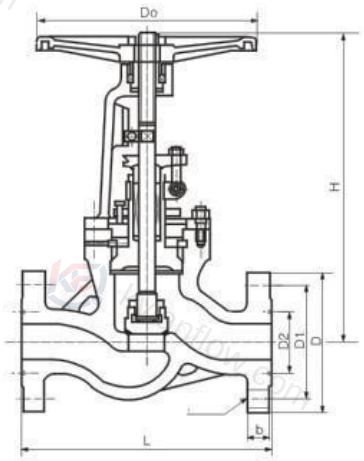
J41H J41Y J41W 凸面法兰 RF CLASS 300Lb

DN		L	D	D1	D2	b	n-φd	H	Do
mm	in								
15	1/2	152	95	66.7	34.9	12.7	4-φ16	241	140
20	3/4	178	115	82.6	42.9	14.3	4-φ19	241	140
25	1	203	125	88.9	50.8	15.9	4-φ19	283	160
32	11/4	216	135	98.4	63.5	17.5	4-φ19	320	200
40	11/2	229	155	114.3	73	19.1	4-φ22.5	322	200
50	2	267	165	127.0	92.1	20.7	8-φ19	399	200
65	21/2	292	190	149.2	104.8	23.9	8-φ22.5	438	250
80	3	318	210	168.3	127.0	27.0	8-φ22.5	464	280
100	4	356	255	200.0	157.2	30.2	8-φ22.5	565	350
125	5	400	280	235.0	185.7	33.4	8-φ22.5	614	350
150	6	444	320	269.9	215.9	35.0	12-φ22.5	717	400
200	8	559	380	330.2	269.9	39.7	12-φ25.4	930	500
250	10	622	445	387.4	323.8	46.1	16-φ28.5	1012	550
300	12	711	520	450.8	381.0	49.3	16-φ32	1231	600
350	14	762	585	541.4	412.8	52.4	20-φ32	1450	600
400	16	864	650	571.5	469.9	55.6	20-φ35	1645	600

磅级截止阀
ASME GLOBE VALVE







主要外形尺寸 Main Dimensions

J41H J41Y J41W CLASS 600Lb 凸面法兰 RF

DN		L	D	D1	D2	b	n-φd	H	Do
mm	in								
50	2	292	165	127.0	92.1	25.4	8-φ19	444	250
65	21/2	330	190	149.2	104.8	28.6	8-φ22.5	483	280
80	3	356	210	168.3	127.0	31.8	8-φ22.5	533	320
100	4	432	275	215.9	157.2	38.1	8-φ25.4	622	400
125	5	508	330	266.7	185.7	44.5	8-φ28.5	750	450
150	6	559	355	292.1	215.9	47.7	12-φ28.5	800	500
200	8	660	420	349.2	269.9	55.6	12-φ32	927	550
250	10	787	510	431.8	323.8	63.5	16-φ35	1257	600

J41H J41Y J41W CLASS 900b 环槽法兰 RTJ

DN		L	D	D1	D2	b	n-φd	H	Do
mm	in								
50	2	371	215	165.1	95.25	38.1	8-φ25.4	569	320
65	21/2	422	245	190.5	107.95	41.3	8-φ28.5	569	320
80	3	384	240	190.5	123.83	38.1	8-φ25.4	604	350
100	4	460	290	235.0	149.23	44.5	8-φ32	708	450
125	5	562	350	279.4	180.98	50.8	8-φ35	7480	550
150	6	613	380	317.5	211.12	55.6	12-φ32	890	600
200	8	740	470	393.7	269.88	63.5	12-φ38	1240	700
250	10	841	545	469.9	323.85	69.9	16-φ38	1651	700

J41H J41Y J41W CLASS 1500Lb 环槽法兰 RTJ

DN		L	D	D1	D2	b	n-φd	H	Do
mm	in								
65	21/2	422	245	190.5	107.93	41.3	8-φ28.5	461	400
80	3	473	265	203.2	136.53	47.7	8-φ32	554	450
100	4	549	310	241.3	161.93	54.0	8-φ35	639	500
125	5	676	375	292.1	193.68	73.1	8-φ41	780	560
150	6	711	395	317.5	211.14	82.6	12-φ38	904	630
200	8	841	485	393.7	269.88	92.1	12-φ45	1140	680