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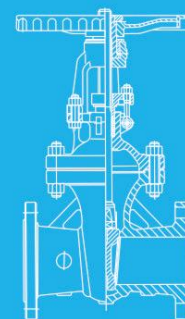


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展拓阀界 工承匠心
EXPANDING VALVE BOUNDARIES CRAFTSMANSHIP AND CRAFTSMANSHIP



闸 阀 系 列 GATE VALVE SERIES



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FLANGED GATE VALVE

法兰闸阀

结构特征

Structure characteristics

闸阀是最常用的截断阀之一，主要用来接通或截断管路中的介质。它适用的压力、温度及口径范围均很大，尤其适用于中大口径的管道，广泛应用于介质为蒸汽、水、油品的给排水、燃气、电力、石油、化工、冶金等工业管道中介质的切断或调节。

Gate valve is one of the most commonly used shut-off valves, mainly used to connect or cut off the medium in the pipeline. It is suitable for a wide range of pressure, temperature, and diameter, especially for medium to large diameter pipelines. It is widely used for cutting off or regulating the medium in industrial pipelines such as steam, water, oil supply and drainage, gas, electricity, petroleum, chemical, metallurgy, etc.

特点 Characteristic

- 流体阻力小
- 启闭较省力
- 介质流动方向不受限制，安装方便
- 产品结构合理、密封可靠、性能优良、造型美观
- Fluid resistance is small
- It is more labor-saving when opening and closing
- The flow direction is generally unrestricted, Easy to install
- Rational structure, reliable sealing, excellent performance, pretty appearance

主要零件材料 Material for main parts

零件名称 PART NAME	阀体、阀盖、闸板 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 GATE VALVE

国标、德标闸阀

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

- 设计与制造标准: GB/T 12234, DIN 3352
- 结构长度标准: GB/T 12221, DIN3202
- 连接法兰标准: JB/T 79, DIN 2543
- 检验与试验标准: GB/T 26480, DIN 3230
- Design and Manufacturing: GB/T 12234, DIN 3352
- Face-to-Face: GB/T 12221, DIN3202
- End flange: JB/T 79, DIN 2543
- Inspection and testing: GB/T 26480, DIN 3230

性能规范

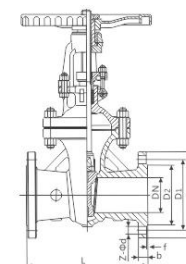
Performance specifications

- 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
		JB/T79 HG/T20592	JB/T79 HG/T20592				JB/T79 HG/T20592	JB/T79 HG/T20592	
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	250	160	165	125	100	3	16	18	4-Φ18 8-Φ18
65	270	180	185	145	120	3	18	18	4-Φ18 8-Φ18
80	280	195	200	160	135	3	20	20	8-Φ18 8-Φ18
100	300	215	220	180	155	3	20	20	8-Φ18 8-Φ18
125	325	245	250	210	185	3	22	22	8-Φ18 8-Φ22
150	350	280	285	240	210	3	24	22	8-Φ23 12-Φ22
200	400	335	340	295	265	3	26	24	12-Φ23 12-Φ26
250	450	405	405	355	320	3	30	26	12-Φ25 12-Φ26
300	500	460	460	410	375	4	30	28	12-Φ25 16-Φ26
350	550	520	520	470	435	4	34	30	16-Φ25 16-Φ30
400	600	580	580	525	485	4	36	32	16-Φ30 20-Φ30
450	650	640	640	585	545	4	40	40	20-Φ30 20-Φ33
500	700	705	715	650	608	4	44	44	20-Φ34 20-Φ36
600	800	840	840	770	718	4	48	54	20-Φ41 24-Φ36
700	900	910	910	840	788	5	50	42	24-Φ41 24-Φ39
800	1000	1020	1025	950	898	5	52	42	24-Φ41 28-Φ39
900	1100	1120	1125	1050	998	5	54	44	28-Φ41 28-Φ42
1000	1200	1255	1255	1170	1110	5	56	46	28-Φ48 28-Φ48

Z 540^W_H-(16~160)P, R, C



GB, DIN GATE VALVE

国标、德标闸阀

Z 540^W_Y-(16~160)P、R、C

主要外形尺寸 Main overall dimensions

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-Φ14	4-Φ14
20	150	105	105	75	55	2	16	18	4-Φ14	4-Φ14
25	160	115	115	85	65	2	16	18	4-Φ14	4-Φ14
32	180	135	140	100	78	2	18	18	4-Φ18	4-Φ18
40	200	145	150	110	85	3	18	18	4-Φ18	4-Φ18
50	250	160	165	125	100	3	20	20	4-Φ18	4-Φ18
65	270	180	185	145	120	3	22	22	8-Φ18	8-Φ18
80	280	195	200	160	135	3	22	24	8-Φ18	8-Φ18
100	300	230	235	190	160	3	24	24	8-Φ23	8-Φ22
125	325	270	270	220	188	3	28	26	8-Φ25	8-Φ26
150	350	300	300	250	218	3	30	28	8-Φ25	8-Φ26
200	400	360	360	310	278	3	34	30	12-Φ25	12-Φ26
250	450	425	425	370	332	3	36	32	12-Φ30	12-Φ30
300	500	485	485	430	390	4	40	34	16-Φ30	16-Φ30
350	550	550	555	490	448	4	44	38	16-Φ34	16-Φ33
400	600	610	620	550	505	4	48	40	16-Φ34	16-Φ36
450	650	660	670	600	555	4	50	46	20-Φ34	20-Φ36
500	700	730	730	660	610	4	52	48	20-Φ41	20-Φ36
600	800	840	845	770	718	5	56	58	20-Φ41	20-Φ39
700	900	955	960	875	815	5	60	50	24-Φ48	24-Φ42
800	1000	1070	1085	990	930	5	64	54	24-Φ48	24-Φ48
900	1100	1180	1185	1090	1025	5	66	58	28-Φ54	28-Φ48
1000	1200	1305	1320	1210	1140	5	68	62	28-Φ58	28-Φ55

PN40

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T79	HG/T20592				JB/T79	HG/T20592	JB/T79	HG/T20592
15	170	95	95	65	45	2	16	16	4-Φ14	4-Φ14
20	190	105	105	75	55	2	16	18	4-Φ14	4-Φ14
25	210	115	115	85	65	2	16	18	4-Φ14	4-Φ14
32	230	135	140	100	78	2	18	18	4-Φ18	4-Φ18
40	240	145	150	110	85	3	18	18	4-Φ18	4-Φ18
50	250	160	165	125	100	3	20	20	4-Φ18	4-Φ18
65	280	180	185	145	120	3	22	22	8-Φ18	8-Φ18
80	310	195	200	160	135	3	22	24	8-Φ18	8-Φ18
100	350	230	235	190	160	3	24	24	8-Φ23	8-Φ22
125	400	270	270	220	188	3	28	26	8-Φ25	8-Φ26
150	450	300	300	250	218	3	30	28	8-Φ25	8-Φ26
200	550	375	375	320	282	3	38	34	12-Φ30	12-Φ30
250	650	445	450	385	345	3	42	38	12-Φ34	12-Φ33
300	750	510	515	450	408	4	46	42	16-Φ34	16-Φ33
350	850	570	580	510	465	4	52	46	16-Φ34	16-Φ36
400	950	655	660	585	535	4	58	50	16-Φ41	16-Φ39
450	1050	680	685	610	560	4	60	57	20-Φ41	20-Φ39
500	1150	755	755	670	612	4	62	57	20-Φ48	20-Φ42
600	1350	890	890	795	730	5	62	72	20-Φ54	20-Φ48

GB, DIN GATE VALVE

国标、德标闸阀

Z 540^W_Y-(16~160)P、R、C

PN63

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T79	HG/T20592				JB/T79	HG/T20592	JB/T79	HG/T20592
15	170	105	105	75	55	2	18	20	4-Φ14	4-Φ14
20	190	125	130	90	68	2	20	22	4-Φ18	4-Φ18
25	210	135	140	100	78	2	22	24	4-Φ18	4-Φ18
32	230	150	155	110	82	2	24	26	4-Φ23	4-Φ22
40	240	165	170	125	95	3	24	28	4-Φ23	4-Φ22
50	250	175	180	135	105	3	26	26	4-Φ23	4-Φ22
65	280	200	205	160	130	3	28	26	8-Φ23	8-Φ22
80	310	210	215	170	140	3	30	28	8-Φ23	8-Φ22
100	350	250	250	200	168	3	32	30	8-Φ25	8-Φ26
125	400	295	295	240	202	3	36	34	8-Φ30	8-Φ30
150	450	340	345	280	240	3	38	36	8-Φ34	8-Φ33
200	550	405	415	345	300	3	44	42	12-Φ34	12-Φ36
250	650	470	470	400	352	3	48	46	12-Φ41	12-Φ36
300	750	530	530	460	412	4	54	52	16-Φ41	16-Φ36
350	850	595	600	525	475	4	60	56	16-Φ41	16-Φ39
400	950	670	670	585	525	4	66	60	16-Φ48	16-Φ42

PN100

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T79	HG/T20592				JB/T79	HG/T20592	JB/T79	HG/T20592
20	170	105	105	75	55	2	20	20	4-Φ14	4-Φ14
25	210	125	130	90	68	2	24	22	4-Φ18	4-Φ18
32	230	135	140	100	78	2	24	24	4-Φ18	4-Φ18
40	240	150	155	110	82	2	26	26	4-Φ23	4-Φ22
50	250	165	170	125	95	3	32	28	4-Φ23	4-Φ22
65	280	195	195	145	112	3	34	30	4-Φ25	4-Φ26
80	310	220	220	170	138	3	38	34	8-Φ25	8-Φ26
100	350	230	230	180	148	3	42	36	8-Φ25	8-Φ26
125	400	265	265	210	172	3	46	40	8-Φ30	8-Φ30
150	450	310	315	250	210	3	54	40	8-Φ34	8-Φ33
200	550	350	355	290	250	3	60	44	12-Φ34	12-Φ33
250	650	430	430	360	312	3	76	52	12-Φ41	12-Φ36
300	750	500	505	430	382	3	80	60	12-Φ41	12-Φ39
350	850	585	585	500	442	4	68	68	16-Φ48	16-Φ42
400	950	655	655	560	498	4	74	74	16-Φ54	16-Φ48
715	715	715	715	620	558	4	78	78	16-Φ54	16-Φ48

PN160

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T79	HG/T20592				JB/T79	HG/T20592	JB/T79	HG/T20592
15	170	110	105	75	75	2	24	20	4-Φ18	4-Φ14
20	190	130	130	90	90	2	26	24	4-Φ23	4-Φ18
25	210	140	140	100	100	2	28	24	4-Φ23	4-Φ18
32	230	165	155	115	110	2	30	28	4-Φ25	4-Φ22
40	260	175	170	125	125	3	32	28	4-Φ27	4-Φ22
50	300	215	195	165	140	3	36	30	8-Φ25	4-Φ26
65	340	245	220	190	170	3	44	34	8-Φ30	8-Φ26
80	390	260	230	205	180	3	46	36	8-Φ30	8-Φ26
100	450	300	265	240	210	3	48	40	8-Φ34	8-Φ30
125	525	355	315	285	250	3	60	44	8-Φ41	8-Φ33
150	600	390	355	318	290	3	66	50	12-Φ41	12-Φ33
200	750	480	430	400	360	3	78	60	12-Φ48	12-Φ36
250	850	580	515	485	430	3	88	68	12-Φ54	12-Φ42
300	950	665	585	570	500	4	100	78	16-Φ54	16-Φ42

FLANGE GATE VALVE (NON-RISING)

法兰闸阀(暗杆)

产品材质: 不锈钢、碳钢、双相钢、特殊钢、钛、镍、锆等

设计标准

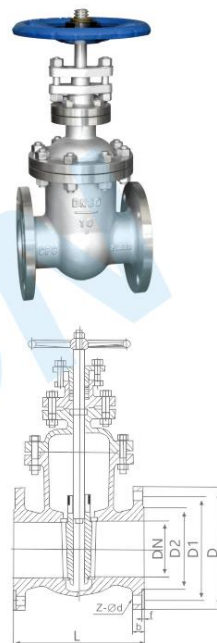
Design standards

- 设计与制造标准: GB/T 12234
- 结构长度标准: GB/T 12221
- 连接法兰标准: JB/T 79
- 检验与试验标准: GB/T 26480
- Design and Manufacturing: GB/T 12234
- Face-to-face: GB/T 12221
- End flange: JB/T 79
- Inspection and testing: GB/T 26480

性能规范

Performance specifications

- 公称压力: 1.0Mpa
- 强度试验: 1.5Mpa
- 密封试验: 1.1Mpa
- 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: 1.0Mpa
- Strength test: 1.5Mpa
- Seal test: 1.1Mpa
- 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		D0
		JB/T79	HG/T20592				JB/T79	HG/T20592	JB/T79	HG/T20592	
15	130	95	95	65	45	2	14	16	4-Φ14	4-Φ14	120
20	150	105	105	75	55	2	14	18	4-Φ14	4-Φ14	120
25	160	115	115	85	65	2	14	18	4-Φ14	4-Φ14	140
32	180	135	140	100	78	2	16	18	4-Φ18	4-Φ18	160
40	200	145	150	110	85	3	16	18	4-Φ18	4-Φ18	160
50	250	160	165	125	100	3	16	18	4-Φ18	4-Φ18	200
65	270	180	185	145	120	3	18	18	4-Φ18	8-Φ18	220
80	280	195	200	160	135	3	20	20	8-Φ18	8-Φ18	240
100	300	215	220	180	155	3	20	20	8-Φ18	8-Φ18	280
125	325	245	250	210	185	3	22	22	8-Φ18	8-Φ18	300
150	350	280	285	240	210	3	24	22	8-Φ23	8-Φ22	320
200	400	335	340	295	265	3	26	24	12-Φ23	12-Φ22	400
250	450	405	405	355	320	3	30	26	12-Φ25	12-Φ26	450
300	500	460	460	410	375	4	30	28	12-Φ25	12-Φ26	500

Z45 W
H 10P、R、C

ANSI, JIS GATE VALVE

美标、日标闸阀

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

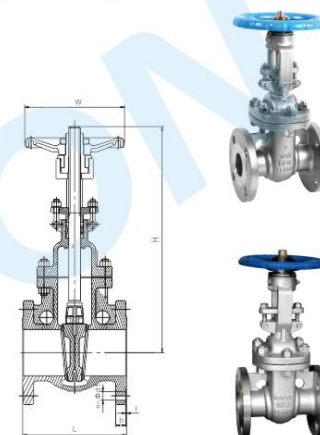
- 设计与制造标准: API600, ASME B16.34, BS 1414
- 结构长度标准: ASME B16.10
- 连接法兰标准: ASME B16.5
- ASME B16.47, JIS B2220
- 检验与试验标准: ISO 5208, API 598, BS 6755

- Design and Manufacturing: API600,
- ASME B16.34, BS 1414
- Face-to-Face: ASME B16.10
- End flange: ASME B16.5, ASME B16.47, JIS B2220
- Inspection and testing: ISO 5208, API 598, BS 6755

性能规范

Performance specifications

- 公称压力: 150, 300LB, 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, 300LB, 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

Z41(O)W.H.Y																							Class 150/10K/16K			
inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40			
mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000			
mm	108	117	127	140	165	178	191	203	229	254	267	292	330	356	381	406	432	457	508	610	660	711	812			
mm	169	193	230	246	283	361	396	435	522	570	610	750	935	1070	1224	1345	1487	1627	1931	2300	3700	3920	4300			
mm	100	125	160	160	180	250	250	280	300	350	350	400	400	500	600	600	600	680	920							

Z41(O)W.H.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	10	12	14	16	18	20	24	28						
mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700						
mm	140	152	165	178	190	216	241	283	305	381	403	419	457	502	562	638	714	991	1143	1346						
mm	169	193	230	246	283	352	390	420	496	570	635	772	995	1090	1265	1385	1510	1630								
mm	100	125	160	160	180	250	250	250	300	350	400	450	500	600	650	750	750	920								

ANSI, JIS GATE VALVE

美标、日标闸阀

Z 5 40 W
9 H (150LB~2500LB)P、R、C

主要外形尺寸 Main overall dimensions

Z41(0)W.H.Y														Class 600	
inch	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	28
mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700
mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397	1549
mm	464	548	579	688	752	934	1085	1293							
mm	250	280	300	350	400	450	500	550							

Z41(0)W.H.Y											Class 900	
inch	2	2 1/2	3	4	5	6	8	10			12	
mm	50	65	80	100	125	150	200	250			300	
mm	371	422	384	460	562	613	740	841			968	
mm	529	665	688	715	856	996						
mm	300	350	400	450	500	550						

Z41(0)W.H.Y										Class 1500	
inch	2	2 1/2	3	4	5	6	8	10		12	
mm	50	65	80	100	125	150	200	250		300	
mm	371	422	473	549	676	711	841	1000		1146	
mm	529	665	688								
mm	300	400	450								

Z41(0)W.H.Y										Class 2500	
inch	2	2 1/2	3	4	5	6	8	10		12	
mm	50	65	80	100	125	150	200	250		300	
mm	454	514	584	683	807	927	1038	1292			
mm	676	728	872								
mm	350	400	450								

STAINLESS STEEL FEMALE GATE VALVE

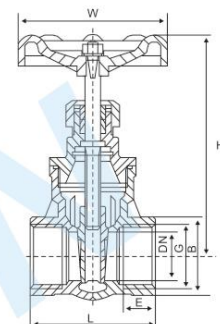
不锈钢内螺纹闸阀

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

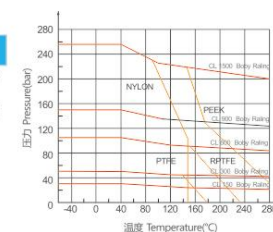
- 公称压力: PN1.6, 2.5, 4.0, 6.4MPa
- 强度试验压力: PT2.4, 3.8, 6.0, 9.6MPa
- 高压密封试验压力: 1.8, 2.8, 4.4, 7.1MPa
- 适用温度: -29°C ~150°C
- 适用介质:
 - Z15H-(16-64)C 水、油品、气
 - Z15W-(16-64)P 硝酸类
 - Z15W-(16-64)R 醋酸类
- Nominal pressure: PN1.6, 2.5, 4.0, 6.4Mpa
- Strength testing pressure: PT2.4, 3.8, 6.0, 9.6MPa
- Seat testing pressure(high pressure): 1.8,2.8, 4.4,7.1MPa
- Applicable temperature: -29°C ~150°C
- Applicable media:
 - Z15H-(16-64)C Water, Oil, Gas
 - Z15W-(16-64)P Nitric acid
 - Z15W-(16-64)R Acetic acid



主要零件材料 Material for main parts

材料名称 MATERIAL NAME	Z15H-(16-64)C	Z15W-(16-64)P	Z15W-(16-64)R
阀体Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
闸板Disc	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
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
15	1-1/2	55	16	31	90	70
20	3/4"	60	18	38	98	70
25	1"	68	20	46	108	70
32	1-1/4"	76	21.5	56	128	80
40	1-1/2"	80	23	63	152	100
50	2"	93	24.5	76	166	100
65	2-1/2"	117	28	84	213	115
80	3"	130	32	98	232	115

MANUAL / PNEUMATIC KNIFE GATE VALVE

手动/气动刀闸阀

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

- 设计与制造标准: JB/T8691、MSS SP-81
- 结构长度标准: GB/T15188.2 TAPPI TIS 405.8
- 连接法兰标准: JB/T 79、ANSI B16.5、JIS B2220
- 检验与试验标准: GB/T13927、MSS SP-81、JB/T8691
- Design and Manufacturing: JB/T8691, MSS SP-81
- Face-to-Face: GBT15188.2, TAPPI TIS 405.8
- End flange: JB/T 79, ANSI B16.5, JIS B2220
- Inspection and testing: GB/T13927, MSS SP-81, JB/T8691

性能规范

Performance specifications

- 公称压力: 0.6, 1.0, 1.6 Mpa
- 强度试验: 0.9, 1.5, 2.4 Mpa
- 密封试验: 0.7, 1.1, 1.8 Mpa
- 气密封试验: 0.6 Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 纸浆、泥浆、煤渣、灰渣
- 适用温度: -29°C~100°C
- Nominal pressure: 0.6, 1.0, 1.6 Mpa
- Strength test: 0.9, 1.5, 2.4 Mpa
- Seal test: 0.7, 1.1, 1.8 Mpa
- Gas seal test: 0.6 Mpa
- The valve main material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: Mortar mixture, Dregs with water proportion
- Suitable temperature: -29°C~100°C

主要零件材料

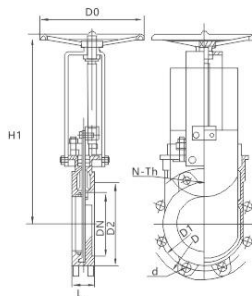
Material for main parts

材料名称 MATERIAL NAME	PZ73H-(6-16)C	PZ73H-(6-16)P	PZ73H-(6-16)R
阀体、支架 Body, bracket	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
闸板、阀杆 Disc, stem	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
密封材料 Seal Material	橡胶、聚四氟乙烯、不锈钢、硬质合金 Rubber, PTFE, Stainless steel, Carbide		

主要外形尺寸 Main overall dimensions

公称直径 NOMINAL DIAMETER	PZ73W.H.Y-(6-16)P.R.C 尺寸 DIMENSIONS(MM)							
L	D	D1	D2	d	N-Th	H1	D0	
50	48	160	125	100	18	4-M16	310	180
65	48	180	145	120	18	4-M16	330	180
80	51	195	160	135	18	4-M16	360	220
100	51	215	180	155	18	B-M16	400	240
125	57	245	210	185	18	B-M16	460	280
150	57	280	240	210	23	B-M20	510	300
200	70	335	295	265	23	B-M20	570	380
250	70	390	350	320	23	12-M20	670	450
300	76	440	400	368	23	12-M20	800	450
350	76	500	460	428	23	16-M20	890	450
400	89	565	515	482	25	16-M22	1000	450
450	89	615	565	532	25	20-M22	1160	530

PZ73W.H.Y-(6-16)P, R, C



FORGED STEEL GATE VALVE

锻钢闸阀

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

- 设计与制造标准: API 602、BS5352、ASME B16.34
- 连接法兰标准: ASME B16.5
- 检验与试验标准: API 598
- Design and Manufacturing: API 602, BS 5352, ASME B16.34
- End flange: ASME B16.5
- Inspection and testing: 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), F304(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), F304(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

Z41W.H.Y

SIZE		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)	压力PN	L(mm)
in	mm												
1/2	15		130		130		130		170		170		170
3/4	20		150		150		150		190		190		190
1	25		160		160		160		210		210		210
1 1/4	32	PN16	180	PN25	180	PN40	180	PN63	230	PN100	230	PN160	230
1 1/2	40		200		200		200		240		240		260
2	50		250		250		250		250		250		300

Z41W.H.Y

SIZE		Class	L(mm)	Class	L(mm)	Class	L(mm)	Class	L(mm)	Class	L(mm)	Class	L(mm)
in	mm												
1/2	15		108		140		165		216		216		264
3/4	20		117		152		190		229		229		273
1	25		127		165		216		254		254		308
1 1/4	32	150LB	140	300LB	178	600LB	229	900LB	279	1500LB	279	2500LB	352
1 1/2	40		165		190		241		305		305		387
2	50		178		216		292		371		371		454

Z41W.H.Y-(PN16-160 150LB~2500LB)P, R, C



焊接阀盖示意图
Welded bonnet

FORGED STEEL GATE VALVE

锻钢闸阀

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

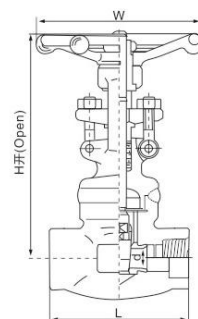
性能规范

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
阀座 The seat	A276 420	A276 304	A276 304	A182 316
闸板 Ram	A182 F430/F410	A182 F304	A182 F304	A182 F316
阀杆 The valve stem	A182 F6A	A182 F22	A182 F304	A182 F316
垫片 Gasket	316+柔性石墨		316+Flexible Graphite	
阀盖 The cover	A105	A182 F22	A182 F304	A182 F316



主要外形尺寸 Main external dimensions

Z6/1 1HY

Class150~800

Size		d	S	D	G	T	L	H	W
DN	Inch								
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	120	255	160
2"	50	36	61.1	78	2	16	140	290	180



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