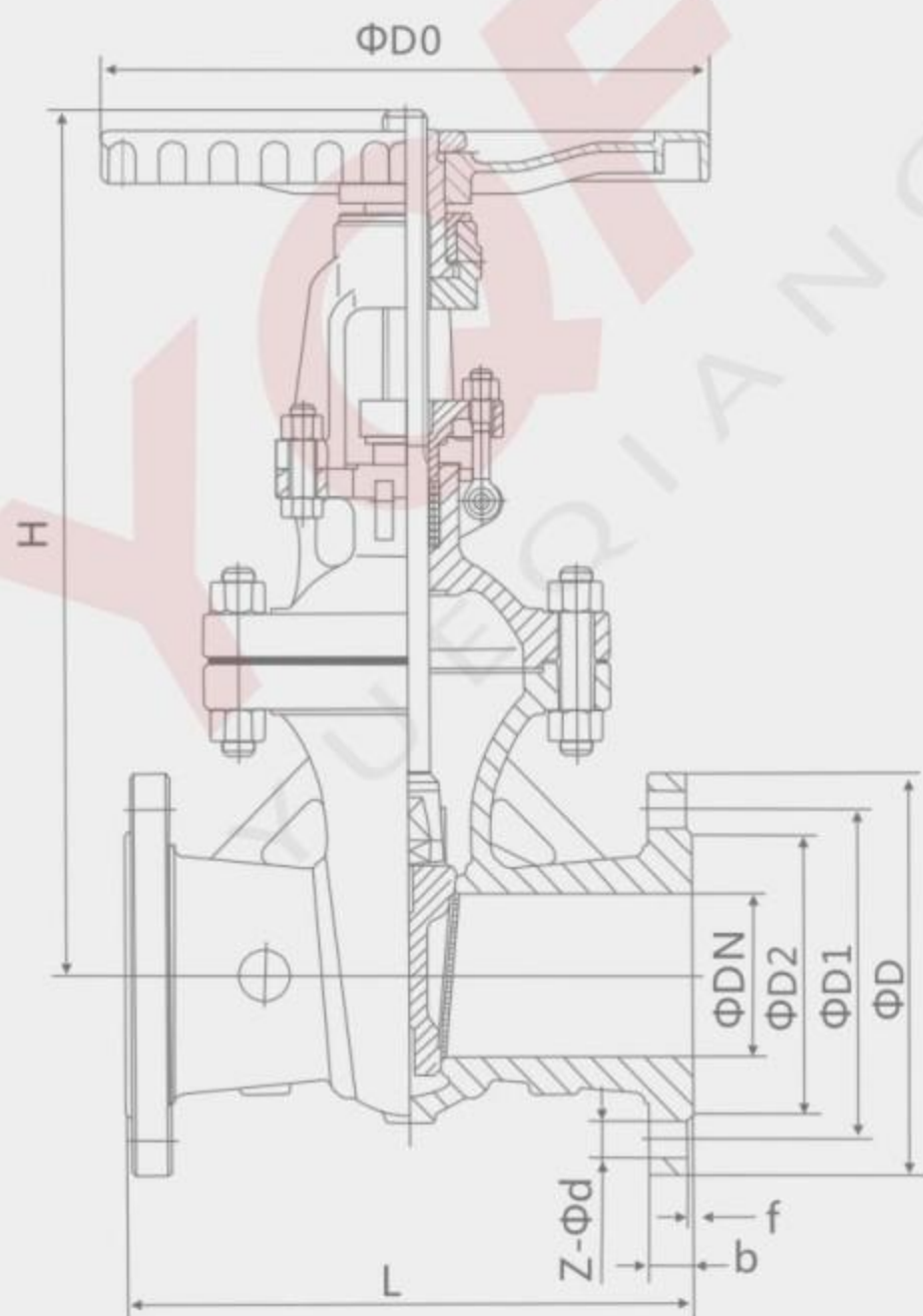




GATE VALVE SERIES

闸阀系列

国标法兰闸阀

GB Flange gate valve

结构优势与特点Structural advantages and characteristics

- 1、符合国内外先进标准的要求，密封可靠，性能优良，造型美观。
 - 2、闸板、阀座密封面用铁基合金堆焊或司太立（stellite）钴基硬质合金堆焊而成，耐磨、耐高温、耐腐蚀、抗擦伤性能好、使用寿命长。
 - 3、采用楔式弹性闸板结构，中大口径设置滚动轴承，开关灵活，启闭轻松。
 - 4、阀杆经调质及表面氮化处理，有良好的抗腐蚀性，抗擦伤性和耐磨性。
 - 5、可采用各种配管法兰标准及法兰密封面型式，满足各种工程需要及用户要求。
 - 6、阀体材料品种齐全，填料、垫片可根据实际工况或用户要求合理选配，能适用于各种压力、温度及介质工况。
- 1、Meets the domestic and foreign advanced standard requirement, the seal is reliable, the performance is fine, handsome appearance.
 - 2、The damper plate, the valve seat packing surface is too vertical (stellite) with the iron-base alloy built-up welding or the department the cobalt base hard alloy built-up welding to become, wear-resisting, thermostable, anti-corrosive, the anti-abrasion performance is good, the service life is long.
 - 3、Using wedge-type flexible gate structure, medium and large caliber set bearings, switches flexible, open and close easily.
 - 4、Stem quenched and the nitrogen treatment, with good corrosion resistance, scratch resistance and wear resistance.
 - 5、Can be used with a variety of standard pipe flanges and flange sealing surface types to meet various project needs and user requirements.
 - 6、Valve body materials, variety, packing, gasket can be based on actual working conditions or the user requests a reasonable option, can be applied to all kinds of pressure, temperature and medium conditions.

标准与规范Standards and norms

设计与制造 Design and Manufacture	结构长度 Structure Length	压力-温度等级 Pressure - temperature rating	连接法兰 Connection flange	试验与检验 Test and Inspection
GB 12234	GB 12221	GB/T 12224	JB/T 79 GB 9113 HG 20592 ~ 20635	JB/T 9092 GB 13927

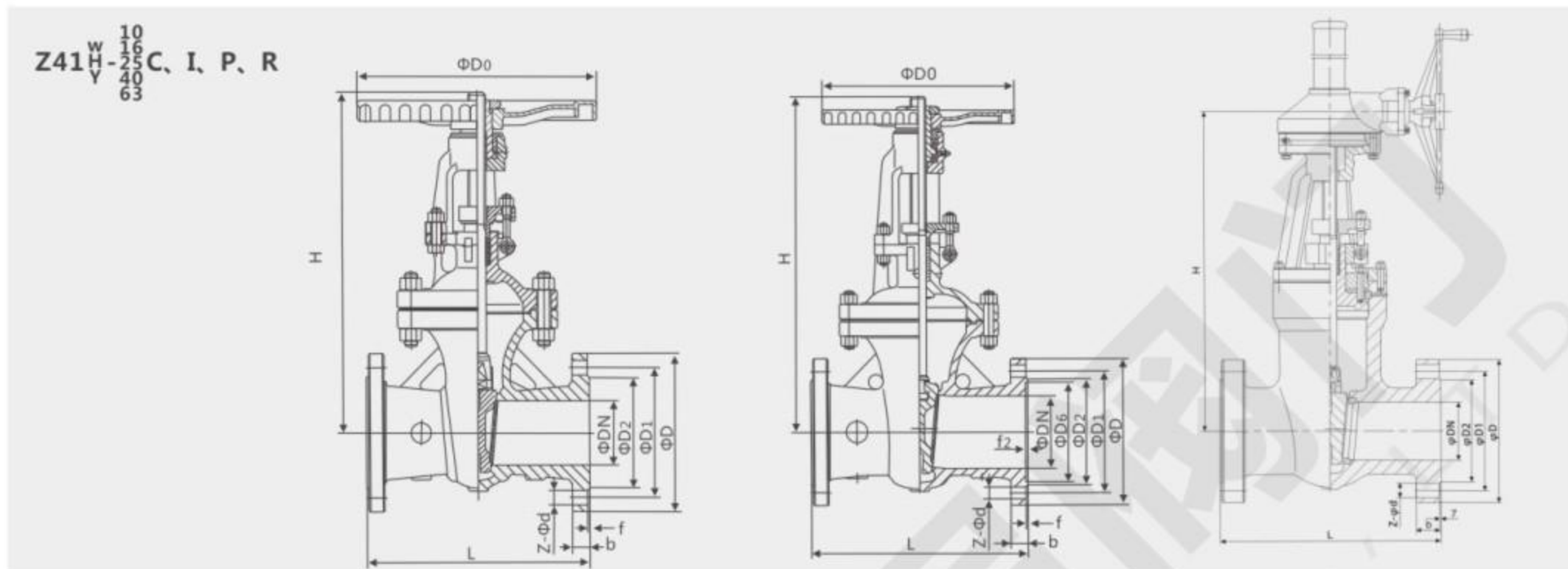
性能参数Performance parameter

序号 Serial Number	项目名称 Entry name	项目名称 Entry name					
		PN16	PN25	PN40	PN64	PN100	PN160
1	公称压力 PN(MPa)	1.6	2.5	4.0	6.4	10	16
2	壳体强度试验压力 Shell strength test pressure(MPa)	常温下公称压力的1.5倍 1.5 Times the nominal pressure at room temperature					
3	高压密封试验压力 High-pressure sealing Test pressure(MPa)	常温下公称压力的1.1倍 1.1 Times the nominal pressure at room temperature					
4	常温下工作压力 Operating pressure at room temperature(MPa)	按GB/T 12224 压力温度额定值 According to GB/T 12224 pressure temperature rating					

主要零件材料Main components material

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
闸板 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀杆螺母 Stem Nut	铝青铜 Aluminium Bronze								
填料 Packing	PTFE/柔性石墨				石墨 Graphite				
垫片 Gasket	PTFE/金属缠绕垫				石墨 Graphite				
压盖 Gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				
手轮 Handwheel	铸钢 Cast Steel								

国标法兰闸阀 GB Flange gate valve



PN10 国标法兰闸阀

JB/T79

公称通径 DN(mm)	尺寸Size(mm)								重量 (kg)
	L	D	D1	D2	b-f	Z-Φd	H	D0	
15	130	95	65	45	12-2	4-Φ14	160	100	5
20	150	105	75	55	14-2	4-Φ14	165	100	8
25	160	115	85	65	14-2	4-Φ14	200	125	11
32	180	135	100	78	16-2	4-Φ18	240	125	13
40	165	145	110	85	16-3	4-Φ18	245	135	9.5
50	180	160	125	100	16-3	4-Φ18	286	180	24
65	195	180	145	120	18-3	4-Φ18	320	180	31
80	210	195	160	135	18-3	4-Φ18	373	200	40
100	230	215	180	155	20-3	8-Φ18	428	200	55
125	255	245	210	185	22-3	8-Φ18	513	240	63
150	280	280	240	210	22-3	8-Φ23	582	240	90
200	330	335	295	265	22-3	8-Φ23	730	320	145
250	380	390	350	320	24-3	12-Φ23	897	320	230
300	420	440	400	368	26-4	12-Φ23	1032	400	330
350	450	500	460	428	26-4	16-Φ23	1170	400	460
400	480	565	515	482	26-4	16-Φ25	1330	500	500
450	510	615	565	532	26-4	20-Φ25	1460	500	680
500	540	670	620	585	28-4	20-Φ25	1650	500	960
600	600	780	725	685	28-5	20-Φ30	183	600	1200
700	660	895	840	800	30-5	24-Φ30	2120	700	1620
800	730	1010	950	905	32-5	24-Φ34	2420	800	2090
900	800	1110	1050	1005	34-5	28-Φ34	2750	850	3100
1000	850	1220	1160	1115	34-5	28-Φ34	3130	900	4050

PN16 国标法兰闸阀

JB/T79

公称通径 DN(mm)	L	D	D1	D2	b-f	Z-Φd	H	D0	重量 (kg)
15	130	95	65	45	14-2	4-Φ14	170	120	5
20	150	105	75	55	14-2	4-Φ14	190	140	6.5
25	160	115	85	65	14-2	4-Φ14	205	160	9
32	180	135	100	78	16-2	4-Φ18	270	180	12
40	200	145	110	85	16-3	4-Φ18	290	200	26.5
50	250	160	125	100	16-3	4-Φ18	310	240	29
65	265	180	145	120	18-3	4-Φ18	373	240	33
80	280	195	160	135	20-3	8-Φ18	435	280	45
100	300	215	180	155	20-3	8-Φ18	445	300	63
125	325	245	210	185	22-3	8-Φ18	570	320	108
150	350	280	240	210	24-3	8-Φ23	630	360	134
200	400	335	295	265	26-3	12-Φ23	735	400	192
250	450	405	355	320	30-3	12-Φ25	969	450	273
300	500	460	410	375	30-4	12-Φ25	976	580	379
350	550	520	470	435	34-4	16-Φ25	1120	640	500
400	600	580	525	485	36-4	16-Φ30	1452	640	540
450	650	640	585	545	40-4	20-Φ30	1541	720	870
500	700	705	650	608	44-4	20-Φ34	1880	720	1100
600	800	840	770	718	48-5	20-Φ36	1874	800	1570
700	900	910	840	788	50-5	24-Φ41	2083	800	1870
800	1000	1020	950	898	52-5	24-Φ41	2400	850	2500
900	1100	1120	1050	998	54-5	28-Φ41	2950	1000	3620
1000	1200	1255	1170	1110	56-5	28-Φ48	3245	1000	4550

国标法兰闸阀 GB Flange gate valve

PN25 国标法兰闸阀

JB/T79

公称通径 DN(mm)	尺寸Size(mm)								重量 (kg)
	L	D	D1	D2	b-f	Z-Φd	H	D0	
15	130	95	65	45	16-2	4-Φ14	170	120	5.5
20	150	105	75	55	16-2	4-Φ14	190	140	7
25	160	115	85	65	16-2	4-Φ14	205	160	11
32	180	135	100	78	18-2	4-Φ18	270	180	14
40	200	145	110	85	18-3	4-Φ18	310	200	20
50	250	160	125	100	20-3	4-Φ18	358	240	34
65	265	180	145	120	22-3	8-Φ18	373	240	36
80	280	195	160	135	22-3	8-Φ18	435	280	50
100	300	230	190	160	24-3	8-Φ23	500	300	69
125	325	270	220	188	28-3	8-Φ25	614	320	116
150	350	300	250	218	30-3	8-Φ25	674	360	141
200	400	360	310	278	34-3	12-Φ25	811	400	192
250	450	425	370	332	36-3	12-Φ30	969	450	207
300	500	485	430	390	40-4	16-Φ30	1145	580	350
350	550	550	490	448	44-4	16-Φ34	1280	640	560
400	600	610	550	505	48-4	16-Φ34	1452	640	650
450	650	660	600	555	50-4	20-Φ34	1541	720	910
500	700	730	660	610	52-4	20-Φ41	1676	720	1166
600	800	840	770	718	56-5	20-Φ41	1874	800	1650
700	900	955	875	815	60-5	24-Φ48	2083	800	1980
800	1000	1070	990	930	64-5	24-Φ48	2400	950	2740
900	1100	1180	1090	1025	66-5	28-Φ54	2950	1000	3900
1000	1200	1305	1210	1140	68-5	28-Φ58	3245	1000	4850

PN40 国标法兰闸阀

JB/T79

公称通径 DN(mm)	尺寸Size(mm)										重量 (kg)
	L	D	D1	D2	D6	b-f	f1	Z-Φd	H	D0	
15	130	95	65	45	40	16-2	4	4-14	135	120	6
20	150	105	75	55	51	16-2	4	4-14	190	140	8
25	160	115	85	65	58	16-2	4	4-14	205	160	12
32	180	135	100	78	66	18-2	4	4-18	270	180	15
40	200	145	110	85	76	18-3	4	4-18	310	200	31
50	250	160	125	100	88	20-3	4	4-18	371	280	34
65	280	180	145	120	110	22-3	4	8-18	391	280	39
80	310	195	160	135	121	22-3	4	8-18	455	320	52
100	350	230	190	160	150	24-3	4.5	8-23	551	360	80
125	400	270	220	188	176	28-3	4.5	8-25	628	400	127
150	450	300	250	218	204	30-3	4.5	8-25	708	400	154
200	550	375	320	282	260	38-3	4.5	12-30	885	450	263
250	650	445	385	345	313	42-3	4.5	12-34	906	560	368
300	750	510	450	408	364	46-4	4.5	16-34	1203	640	547
350	850	570	510	465	422	52-4	5	16-34	1341	640	679
400	950	655	585	535	474	58-4	5	16-41	1492	720	953
500	1150	755	670	612	576	62-4	5	20-48	1627	/	1073
600	1350	890	795	730	678	62-5	6	20-54	1925	/	1490
700	1450	995	900	835	768	68-5	6	24-54	2310	/	2640
800	1650	1135	1030	960	876	76-5	6	24-58	2600	/	3239

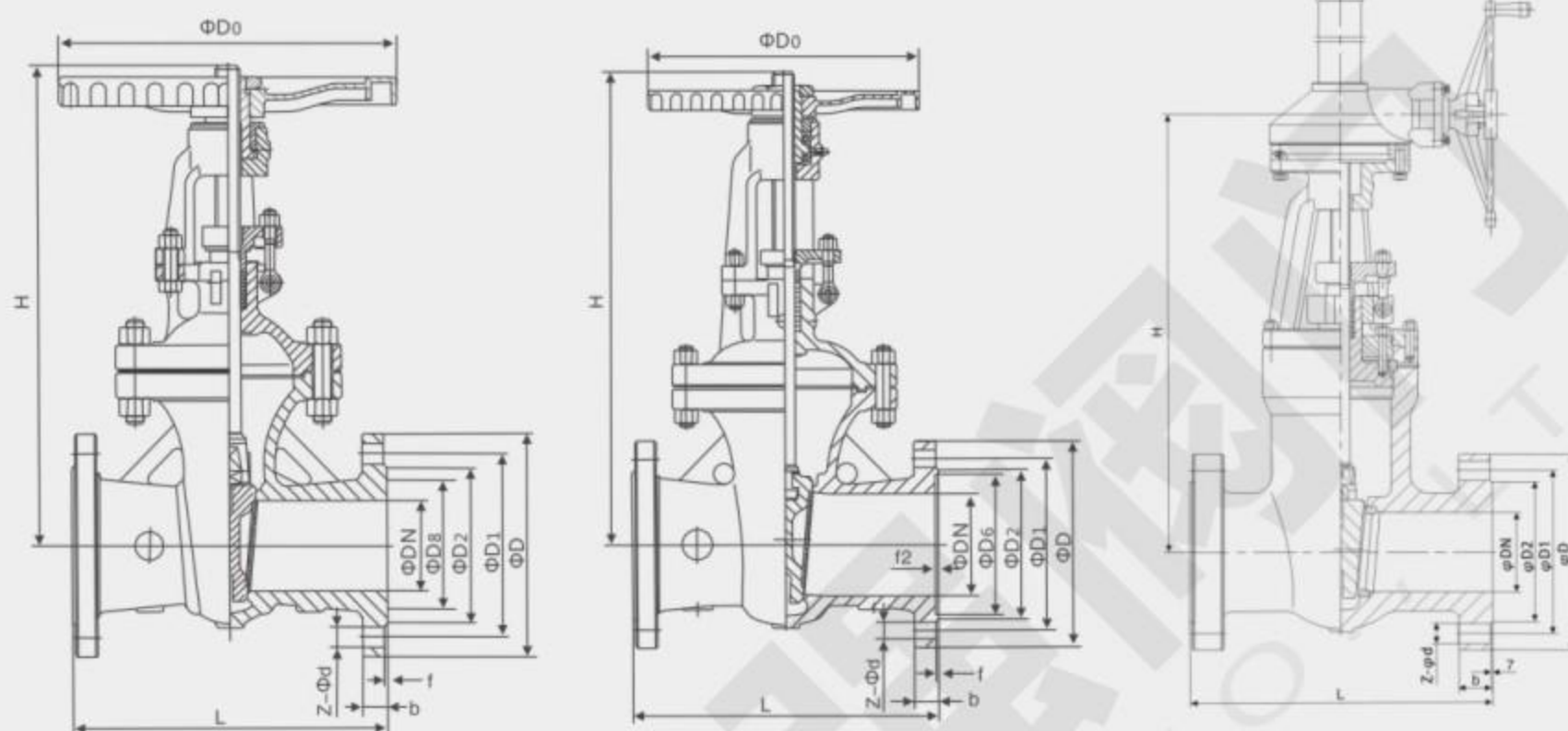
PN63 国标法兰闸阀

JB/T79

15	170	105	75	55	40	18-2	4	4-14	140	100	7
20	190	125	90	68	51	20-2	4	4-18	140	100	9
25	210	135	100	78	58	22-2	4	4-18	215	180	12
32	230	150	110	82	66	24-2	4	4-23	270	180	16
40	240	165	125	95	76	24-3	4	4-23	345	200	32
50	250	175	135	105	88	26-3	4	4-23	470	200	39
65	280	200	160	130	110	28-3	4	8-23	520	250	43
80	310	210	170	140	121	30-3	4.5	8-23	570	300	60
100	350	250	200	168	150	32-3	4.5	8-25	700	300	89
125	400	295	240	202	176	36-3	4.5	8-30	780	350	140
150	450	340	280	240	204	38-3	4.5	8-34	850	350	207
200	550	405	345	300	260	44-3	4.5	12-34	1035	400	325
250	650	470	400	352	313	48-3	4.5	12-41	1050	560	467
300	750	530	460	412	364	54-4	4.5	16-41	1470	640	590
350	850	595	525	475	422	60-4	5	16-41	1718	700	773
400	950	670	585	525	474	66-4	5	16-48	1885	750	1050
500	1150	800	705	640	576	70-4	5	20-54	2410	850	1775
600	1350	930	820	750	678	76-5	6	20-58	2895	1000	2960

国标法兰闸阀 GB Flange gate valve

Z41W-100C、I、P、R
Y-150



PN100 国标法兰闸阀

JB/T79

公称通径 DN(mm)	尺寸Size(mm)										重量 Weight (kg)
	L	D	D1	D2	D8	D6	b	Z-φd	H	D0	
15	170	105	75	55	35	40	20	4-14	140	120	6.5
20	190	125	90	68	45	51	22	4-18	140	120	9
25	210	135	100	78	50	58	24	4-18	310	/	13
32	230	150	110	82	65	66	24	4-23	320	/	20
40	240	165	125	95	75	76	26	4-23	360	/	60
50	250	195	145	112	85	88	28	4-25	490	360	50
65	280	220	170	138	110	110	32	8-25	540	400	70
80	310	230	180	148	115	121	34	8-25	572	400	100
100	350	265	210	172	145	150	38	8-30	573	400	110
125	400	310	250	210	175	176	42	8-34	744	560	180
150	450	350	290	250	205	204	46	12-34	800	560	250
200	550	430	360	312	265	260	54	12-41	800	560	360
250	650	500	430	382	320	313	60	12-41	1050	640	560
300	750	585	500	442	375	364	70	16-48	1200	720	795
350	850	655	560	498	420	422	76	16-54	1430	800	1155
400	950	715	620	558	480	474	80	16-54	1743	850	1370
500	1150	815	724	635	584	576	89	24-54	2055	900	1785

PN160 国标法兰闸阀

JB/T79

公称通径 DN(mm)	L	D	D1	D2	D8	D6	b	Z-φd	H	D0	重量 Weight (kg)
15	170	110	75	52	35	40	24	4-18	230	200	7
20	190	130	90	62	45	51	26	4-23	260	200	10
25	210	140	100	72	50	58	28	4-23	280	280	14
32	230	165	115	85	65	66	30	4-25	312	320	21
40	260	175	125	92	75	76	32	4-27	350	320	26
50	300	215	165	132	95	88	36	8-25	512	360	73
65	340	245	190	152	110	110	44	8-30	560	360	110
80	390	260	205	168	130	121	46	8-30	585	400	141
100	450	300	240	200	160	150	48	8-34	631	450	185
125	525	355	285	238	190	176	60	8-41	723	560	320
150	600	390	318	270	205	204	66	12-41	820	640	462
200	750	480	400	345	275	260	78	12-48	990	720	711
250	838	580	485	425	330	313	88	12-54	1120	800	1010
300	965	665	570	510	380	364	100	16-54	1300	850	1430

美标法兰闸阀

ANSI Flange gate valve

Z41^WY - 150Lb

一、产品概述:

法兰连接钢制闸阀适用于ANSI Class150~900、PN2.0~16.0MPa、JIS10~20K,工作温度-29~425℃(碳钢)及-40~500℃(不锈钢)的各种管路上,用于截断或接通管路中的介质。通过选用不同的材质,可适用于水、蒸汽、油品、硝酸、醋酸、强氧化性介质及尿素等多种介质。有手动、伞齿轮传动及电动等。

二、结构特点:

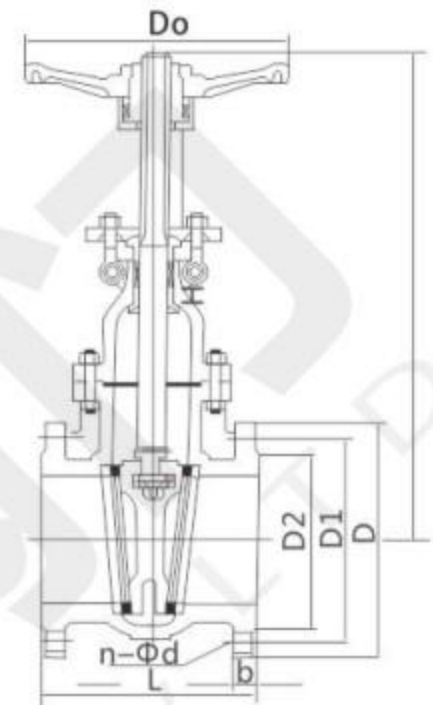
- 1、产品设计制造符合国外先进标准要求,密封可靠,性能优良。
- 2、结构设计紧凑合理,造型美观。
- 3、采用楔式弹性闸板结构,中大口径设置滚动轴承,启闭轻松。
- 4、阀体材料品种齐全,填料、垫片根据实际工况或用户要求合理选配,可适用于各种压力、温度及介质工况。
- 5、采用国内外多种配管法兰标准及法兰密封面型式,满足各种工程需要及用户要求。

1、Product Overview:

Flange connected steel gate valves are suitable for pipelines with ANSI Class150~900, PN2.0~16.0MPa, JIS10~20K, and operating temperatures of -29~425 °C (carbon steel) and -40~500 °C (stainless steel). They are used to cut off or connect the medium in the pipeline. By selecting different materials, it can be suitable for various media such as water, steam, oil, nitric acid, acetic acid, strong oxidizing media, and urea. There are manual, bevel gear transmission, and electric transmission.

2、Structural features:

1. The product design and manufacturing meet the requirements of advanced foreign standards, with reliable sealing and excellent performance.
2. The structural design is compact and reasonable, with a beautiful appearance.
3. Adopting a wedge type elastic gate structure and equipped with rolling bearings for medium and large diameters, it is easy to open and close.
4. The valve body material variety is complete, and the packing and gasket are reasonably selected according to actual working conditions or user requirements, which can be suitable for various pressure, temperature, and medium working conditions.
5. Adopting various domestic and foreign piping flange standards and flange sealing surface types to meet various engineering needs and user requirements.



主要零件材料Main components material

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
闸板 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀杆螺母 Stem Nut	铝青铜Aluminium Bronze								
填料 Packing	PTFE/柔性石墨				石墨 Graphite				
垫片 Gasket	PTFE/金属缠绕垫				石墨 Graphite				
压盖 Gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				
手轮 Handwheel	铸钢 Cast Steel								

四、主要外形尺寸及连接尺寸Main external and connection dimension

Class 150LB 美标法兰闸阀

规格 inch	尺寸(mm)								
	DN	L	D	D1	D2	b	z-Φd	H	D0
1/2"	15	108	89	60.5	35	12	4-Φ15	155	120
3/4"	20	117	98	70	43	12	4-Φ15	160	120
1"	25	127	108	79.5	51	12	4-Φ15	200	140
1"	32	140	117	89	64	13	4-Φ15	245	160
1 1/2"	40	165	127	98.5	73	15	4-Φ15	285	180
2"	50	178	152	120.5	92	16	4-Φ19	315	200
2 1/2"	65	190	178	139.5	105	18	4-Φ19	375	220
3"	80	203	190	152.5	127	19	4-Φ19	400	240
4"	100	229	229	190.5	157	24	8-Φ19	460	280
5"	125	254	254	216	186	24	8-Φ22	540	300
6"	150	267	279	241.5	216	26	8-Φ22	620	320
8"	200	292	343	298.5	270	29	8-Φ22	800	400
10"	250	330	406	362	324	31	12-Φ25	850	450
12"	300	356	483	432	381	32	12-Φ25	1000	500
14"	350	381	533	476	413	35	12-Φ29	1300	600
16"	400	406	597	540	470	37	16-Φ29	1400	600
18"	450	432	635	578	533	40	16-Φ32	1600	650
20"	500	457	398	635	584	43	20-Φ32	1850	650
24"	600	508	813	749.5	692	48	20-Φ35	2200	700

美标法兰闸阀 ANSI Flange gate valve

Class 300LB 美标法兰闸阀

规格 inch	尺寸(mm)								
	DN	L	D	D1	D2	B	Z-Φd	H	H
1/2"	15	140	95	66.5	35	15	4-Φ15	155	120
3/4"	20	152	117	82.5	43	16	4-Φ19	160	120
1"	25	165	124	89	51	18	4-Φ19	200	140
1 1/4"	32	178	133	98.5	64	19	4-Φ19	250	160
1 1/2"	40	190	156	114.5	73	21	4-Φ22	290	180
2"	50	216	165	127	92	22	8-Φ19	330	200
2"	65	241	190	149	105	25	8-Φ22	385	220
3"	80	283	210	168.5	127	29	8-Φ22	410	240
4"	100	305	254	200	157	32	8-Φ22	480	280
5"	125	381	279	235	186	35	8-Φ22	630	300
6"	150	403	318	270	216	37	12-Φ22	690	320
8"	200	419	381	330	270	41	12-Φ25	830	400
10"	250	457	445	387.5	324	48	16-Φ29	1003	450
12"	300	502	521	451	381	51	16-Φ32	1137	500
14"	350	762	584	514.5	413	54	20-Φ32	1489	600
16"	400	838	648	571.5	470	57	20-Φ35	1581	600
18"	450	914	711	628.5	533	60	24-Φ35	2017	650
20"	500	991	775	686	584	64	24-Φ35	2228	650
24"	600	1143	914	813	692	70	24-Φ41	2650	700

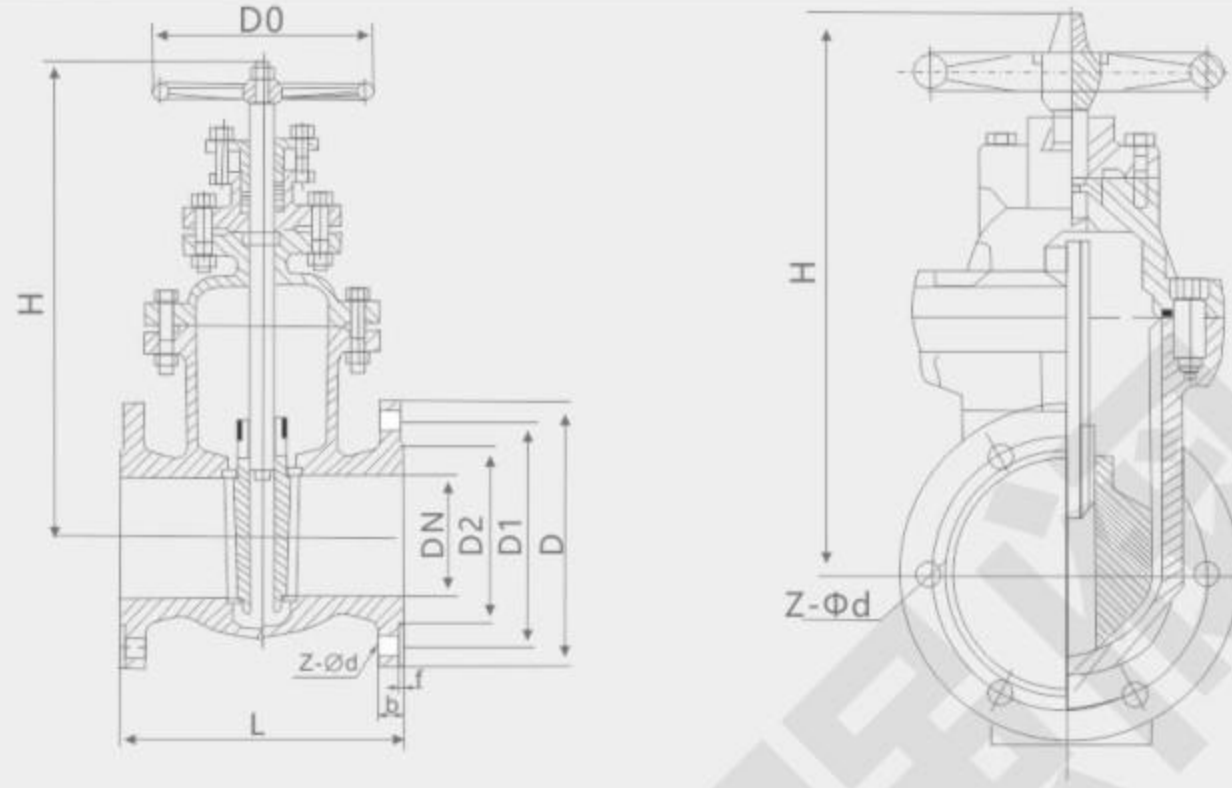
Class 600LB 美标法兰闸阀

规格 inch	尺寸(mm)								
	DN	L	D	D1	D2	B	Z-Φd	H	H
1/2"	15	165	95	66.5	35	15	4-Φ15	155	155
3/4"	20	190	118	82.5	43	16	4-Φ19	160	160
1"	25	216	124	89	51	18	4-Φ19	200	200
1 1/4"	32	229	133	98.5	64	21	4-Φ19	250	250
1 1/2"	40	241	156	114.5	73	23	4-Φ22	290	290
2"	50	292	165	127	92	26	8-Φ19	350	350
2 1/2"	65	330	190	149	105	29	8-Φ22	430	430
3"	80	356	210	168	127	32	8-Φ22	470	470
4"	100	432	273	216	157	38	8-Φ25	570	570
5"	125	508	330	266.5	186	45	8-Φ29	700	700
6"	150	559	356	292	216	48	12-Φ29	750	750
8"	200	660	419	349	270	56	12-Φ32	830	830
10"	250	787	508	432	324	64	16-Φ35	1210	1210
12"	300	838	559	489	381	67	20-Φ35	1350	1350
14"	350	889	603	527	413	70	20-Φ38	1600	1600
16"	400	991	686	603	470	77	20-Φ41	1800	1800
18"	450	1092	743	654	533	83	20-Φ44	2110	2110
20"	500	1194	813	724	584	89	24-Φ42	2350	2350
24"	600	1397	940	838	692	102	24-Φ52	2900	2900

暗杆闸阀

Dark stem gate valve

Z45/445/545/645/945H/W/Y



产品简介

暗杆不锈钢闸阀，替代传统铸铁阀门，结构紧凑、设计合理、阀门刚性好，通道流畅、流量系数大流阻系数小，结构简单、便于维修。型号为Z45H-10C,Z45W-16P,Z45W-25R.它的密封面采用不锈钢和硬质合金，使用寿命长。采用柔性石墨填料、密封可靠、操作轻便灵活。是指关闭件（闸板）沿通路中心线的垂直方向移动的阀门，闸阀在管路中主要作切断用。动作灵活可靠，密封性能优良。

产品特点

- 1.结构紧凑、设计合理，阀门刚性好，通道流畅，流阻系数小；
- 2.密封面采用不锈钢和硬质合金，使用寿命长；
- 3.采用柔性石墨填料、密封可靠、操作轻便灵活；
- 4.驱动形式：手动、电动、齿轮传动；
- 5.结构形式：弹性楔式单闸板，刚性楔式单闸板和双闸板型式；
- 6.广泛用于石油化工，火力发电厂等油品，水蒸气管路上作接通或截断管路中介质的启闭装置。

Product Introduction

Non rising stainless steel gate valve, replacing traditional cast iron valve, has a compact structure, reasonable design, good valve rigidity, smooth channel, large flow coefficient, small flow resistance coefficient, simple structure, and easy maintenance. The model is Z45H-10C, Z45W-16P, Z45W-25R. Its sealing surface is made of stainless steel and hard alloy, with a long service life. Adopting flexible graphite filler, reliable sealing, and easy and flexible operation. Refers to

A valve that moves vertically along the centerline of a passage with a closing element (gate). Gate valves are mainly used for cutting off in pipelines. Flexible and reliable operation, excellent sealing performance.

Product Features

1. Compact structure, reasonable design, good valve rigidity, smooth channel, and low flow resistance coefficient;
2. The sealing surface is made of stainless steel and hard alloy, with a long service life;
3. Adopting flexible graphite filler, reliable sealing, and easy and flexible operation;
4. Drive form: manual, electric, gear transmission;
5. Structural form: elastic wedge single gate, rigid wedge single gate, and double gate types;
6. It is widely used in petrochemical industry, fossil-fuel power station and other oil products, as well as in the steam pipeline as a hoist to connect or cut off the medium in the pipeline.

主要零部件材料Main component materials

名称 Name	材料 Material Science
阀体 Valve body	不锈钢、灰铸铁、铸钢 Stainless steel, gray cast iron, cast steel
闸板 Ram	不锈钢外覆三元乙丙或丁腈橡胶 Stainless steel coated with EPDM or nitrile rubber
内六角螺栓 Hexagon socket bolt	碳化处理 Carbonization treatment
密封圈 Seal ring	丁腈橡胶 Nitrile rubber
阀盖 Valve cover	不锈钢、灰铸铁、铸钢 Stainless steel, gray cast iron, cast steel
阀杆 Valve stem	不锈钢 stainless steel
"O"形密封圈 O-ring seal	丁腈橡胶 Nitrile rubber
止推轴承 Thrust bearing	锡青铜 Tin bronze
螺栓 Bolt	不锈钢 stainless steel
压盖 Gland	不锈钢、铸钢 Stainless steel, cast steel
防尘罩 Dust cover	丁腈橡胶 Nitrile rubber
手轮（传动帽） Handwheel (transmission cap)	铸铁 cast iron

主要技术参数Main technical parameters

公称压力 Name	1.0 ~ 2.5MPa
工作温度 Valve body	0 ~ 80℃
法兰标准 Ram	GB/T 17241.6 GB9113
公称通径 Hexagon socket bolt	50 ~ 600mm
适用介质 Seal ring	水、油、气等 Water, oil, gas, etc
试验标准 Valve cover	GB13927 Ap1598

暗杆闸阀 Dark stem gate valve

Z45H/W/Y

PN10 暗杆闸阀

单位:mm

公称通径 DN(mm)	L	D	D1	D2	b-f	z-Φd	H	Do
15	130	95	65	45	12-2	4-Ø14	150	120
20	150	105	75	55	14-2	4-Ø14	165	120
25	160	115	85	65	14-2	4-Ø14	180	140
32	180	135	100	78	16-2	4-Ø18	230	160
40	165	145	110	85	18-3	4-Ø18	260	180
50	180	160	125	100	18-3	4-Ø18	315	180
65	195	180	145	120	20-3	4-Ø18	335	220
80	210	195	160	135	20-3	4-Ø18	370	240
100	230	215	180	155	22-3	8-Ø18	410	240
125	255	245	210	185	24-3	8-Ø18	465	280
150	280	280	240	210	24-3	8-Ø23	505	300
200	330	335	295	265	24-3	8-Ø23	606	350
250	380	390	350	320	26-3	12-Ø23	705	400
300	420	440	400	368	26-3	12-Ø23	820	400
350	450	500	460	428	26-3	16-Ø23	930	450
400	480	565	515	482	26-3	16-Ø26	1030	450
450	510	615	565	532	28-3	20-Ø26	1150	500
500	540	670	650	585	28-3	20-Ø26	1260	550
600	600	780	725	685	34-3	20-Ø30	1380	600

PN16 暗杆闸阀

15	130	95	65	45	14-2	4-Ø14	150	120
20	150	105	75	55	14-2	4-Ø14	165	120
25	160	115	85	65	14-2	4-Ø14	180	140
32	180	135	100	78	16-2	4-Ø18	230	160
40	200	145	110	85	16-3	4-Ø18	260	180
50	250	160	125	100	16-3	4-Ø18	315	240
65	265/270	180	145	120	18-3	4-Ø18	335	240
80	280	195	160	135	20-3	8-Ø18	370	280
100	300	215	180	155	20-3	8-Ø18	410	300
125	325	245	210	185	22-3	8-Ø18	465	320
150	350	280	240	210	24-3	8-Ø23	505	350
200	400	335	295	265	26-3	12-Ø23	606	400
250	450	405	355	320	30-3	12-Ø26	705	450
300	500	460	410	375	30-4	12-Ø26	820	500
350	550	520	470	435	34-4	16-Ø26	930	550
400	600	580	525	485	36-4	16-Ø30	1030	550
450	650	640	585	545	40-4	20-Ø30	1150	600
500	700	705	650	608	44-4	20-Ø34	1260	700
600	800	840	770	718	48-4	20-Ø41	1380	800

PN25 暗杆闸阀

15	130	95	65	45	16-2	4-Ø14	150	120
20	150	105	75	55	16-2	4-Ø14	165	120
25	160	115	85	65	16-2	4-Ø14	180	140
32	180	135	100	78	18-2	4-Ø18	230	160
40	200	145	110	85	18-3	4-Ø18	260	180
50	250	160	125	100	20-3	4-Ø18	315	240
65	265/270	180	145	120	22-3	8-Ø18	335	240
80	280	195	160	135	22-3	8-Ø18	370	280
100	300	230	190	160	24-3	8-Ø23	410	300
125	325	270	220	188	28-3	8-Ø26	465	320
150	350	300	250	218	30-3	8-Ø26	550	350
200	400	360	310	278	34-3	12-Ø26	606	400
250	450	425	370	332	36-3	12-Ø30	705	450
300	500	485	430	390	40-4	16-Ø30	820	500
350	550	550	490	448	44-4	16-Ø34	930	550
400	600	610	550	505	48-4	16-Ø36	1030	550
450	650	660	600	555	50-4	20-Ø36	1150	600
500	700	730	660	610	52-4	20-Ø41	1260	700
600	800	840	770	718	56-5	20-Ø41	1380	800