

SOFT SEAL GATE VALVE



**TIANJIN FREYA AUTOMATION
TECHNOLOGY CO., LTD.**

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**TIANJIN FREYA AUTOMATION
TECHNOLOGY CO., LTD.**

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SOFT SEAL
GATE VALVE

Founded in 2014, Freya specializes in fluid control products and services such as valves, actuators, electric valve actuators, and electric valves. It focuses on the process industry and has long been committed to providing services to process industries such as power, steel, building materials, and water treatment to provide professional fluid control solutions. Based on the actual working conditions, through necessary on-site surveying and technical explanations, we provide customers with safe, economical and environmental-ly friendly selection and design, supply in strict accordance with contract requirements and guide installation and debugging, and hand over for use if standards are met. Thanks to the trust of the vast number of users, through long-term and large-scale on-site services, and the effective accumulation of technical experience, the company has an accurate understanding of the real needs and pain points of users and the market, as well as expectations for equipment manufacturers.

The company based on its own patent R & D and production of intelligent electric actuators, reliable, durable, easy to use, cost-effective and guaranteed service. Being close to users, providing full-process services, cover-all services, repair and maintenance value-added services, and escorting users' production are our differentiating advantages. Freya intelligent electric actuator and electric valve actuator provide a two-year warranty and lifetime free after-sales service after installation and commissioning. Technical quality and commercial credit are the two foundations on which the company relies to survive and drive the develop-ment of the company. Users feel reassured, worry-free and happy, which are the only criteria to evaluate the effectiveness of our work and demonstrate the value of our existence.

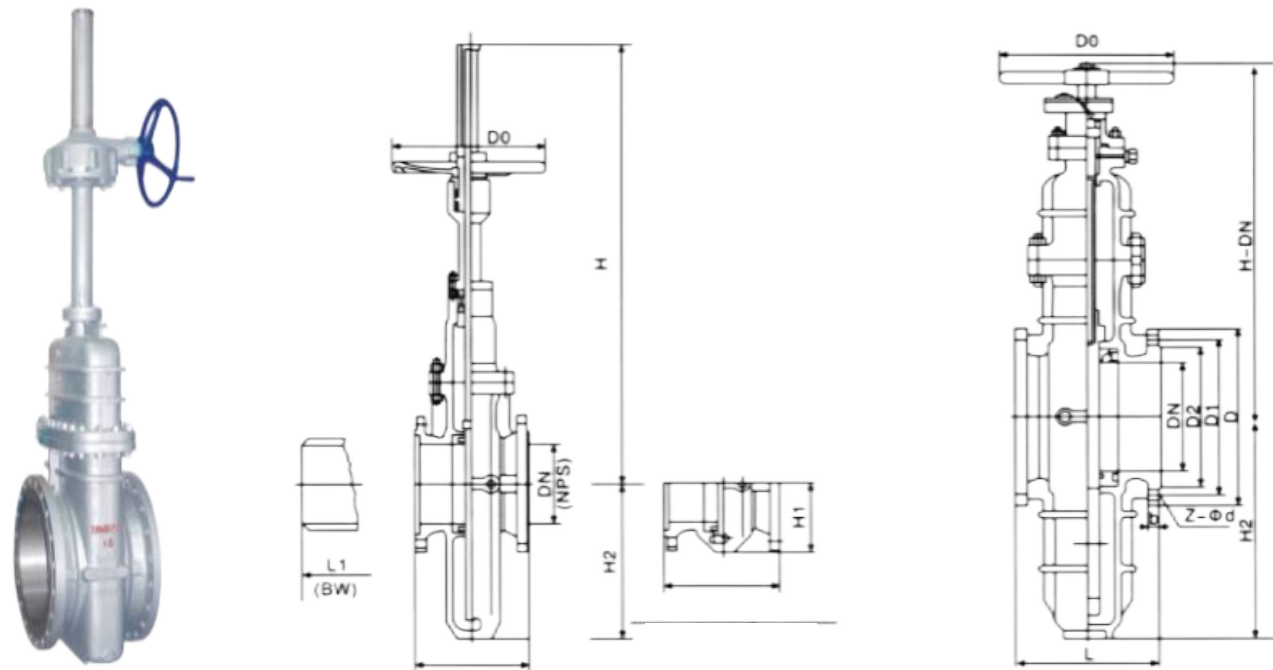


Main features

- Full bore, rising stem with yoke
- Middle flange bolt connection
- Solid wedge, diversion hole design
- Rising stem and non-rising handwheel
- Gear operator operation option
- Standard flange ends
- Butt welding ends

Product specification

Product specification	Design	Face to Face	Flange Ends	Test & Check	Pressure-Temp.	Marking	Supply
	GB/T 19672	JB/T 5298	GB/T 9113	JB/T 5298	ASME B16.34	GB/T 12220	JB/T 7928
	API 6D	API 6D	ASME B16.5	API 6D		MSS SP-25	API 6D



Main parts material

Parts name	Parts material			
	JB/T 7298		API 6D	
Body/Bonnet	WCB	WCB	A352-LCB	A352-CF8M
Wedge	2Cr13+ENP	20CrMoV+STL	ANSI 410+ENP	ANSI 316+ENP
Stem	20Cr13	20Cr13	A182-F6a	A182-F316S
Seat	25+PTFE	20CrMoV+STL	A105+PTFE	A182-F316+PTFE
Packing	NBR FPM	Flexible Graphite	Flexible Graphite	PTFE+FPM
Gasket	18-8 Flexible Graphite PTFE+FPM			
Bolt	35	35CrMo	3A193-B7M	A193-B8
Temperature	-29~250℃	-29~550℃	-46~350℃	-40~200℃
Media	Water, oil, steam	Water, oil, steam	Oil, steam	Nitric acid

1.0MPa

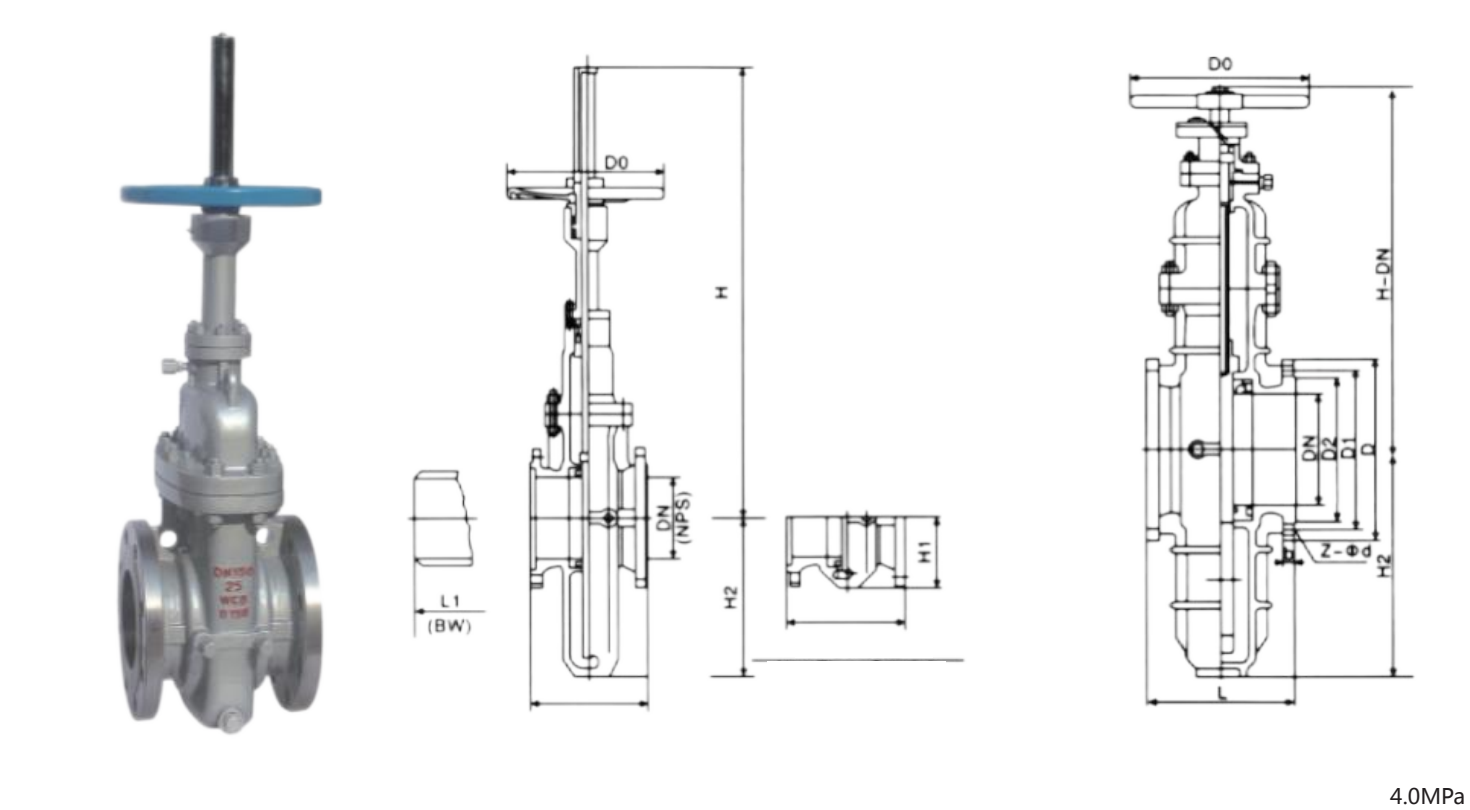
Model	DN mm	L	D	D1	D2	b	Z-φd	H	H1	H2	D0	Weight Kg	
												110	112
Z43WF-10C Z43F-10C Z43WY-10C Z43Y-10C KZ43WF-10C KZ43F-10C Z47WF-10C Z47F-10C	50	178	165	125	99	20	4-18	475	80	122	250	23	25
	65	190	185	145	118	20	4-18	535	90	152	300	40	45
	80	203	200	160	132	20	8-18	600	100	178	300	45	50
	100	229	220	180	156	22	8-18	700	110	200	300	52	57
	125	254	250	210	184	22	8-18	790	130	255	350	95	105
	150	267	285	240	211	24	8-22	910	145	345	350	105	115
	200	292	340	295	266	24	8-22	1095	170	420	350	140	155
	250	330	395	350	319	26	12-22	1370	210	495	400	240	265
	300	356	445	400	370	26	16-22	1470	240	600	450	300	330
	350	381	505	460	429	26	16-22	1730	265	640	450	460	506
	400	406	565	515	480	26	20-26	1870	290	720	500	560	620
	450	432	615	565	530	28	20-26	2185	325	798	500	780	860
	500	457	670	620	582	28	20-26	2335	360	875	600	1050	1160
	600	508	780	725	682	34	20-26	2680	425	1170	800	1680	1850
	700	610	895	840	794	34	24-30	3080	455	1250	800	2250	2480
	800	660	1015	950	901	36	24-33	3490	505	1370	1000	3180	3500
	900	711	1115	1050	1001	38	28-33	3900	545	1500	1000	4260	4690
	1000	811	1230	1160	1112	38	28-36	4320	610	1670	1000	5540	6100

SINGLE FLAT GATE VALVE

1.6MPa													
Model	DN mm	L	D	D1	D2	b	Z-φd	H	H1	H2	D0	Weight Kg	
												110	112
Z43WF-16C Z43F-16C Z43WY-16C Z43Y-16C KZ43WF-16C KZ43F-16C Z47WF-16C Z47F-16C	50	178	160	125	100	16	4-18	475	80	122	250	23	25
	65	190	180	145	120	18	4-18	535	90	152	300	40	45
	80	203	195	160	135	20	8-18	600	100	178	300	45	50
	100	229	215	180	155	20	8-18	700	110	200	300	52	57
	125	254	245	210	185	22	8-18	790	130	255	350	95	105
	150	267	280	240	210	24	8-23	910	145	345	350	105	115
	200	292	335	295	265	26	12-23	1095	170	420	350	140	155
	250	330	405	355	320	30	12-25	1370	210	495	400	240	265
	300	356	460	410	375	30	12-25	1470	240	600	450	300	330
	350	381	520	470	435	34	16-25	1730	265	640	450	460	506
	400	406	580	525	485	36	16-30	1870	290	720	500	560	620
	450	432	640	585	545	40	20-30	2185	325	798	500	780	860
	500	457	705	650	608	44	20-34	2335	360	875	600	1050	1160
	600	508	840	770	718	48	20-41	2680	425	1170	800	1680	1850
	700	610	910	840	788	50	24-41	3080	455	1250	800	2250	2480
	800	660	1020	950	898	52	24-41	3490	505	1370	1000	3180	3500
	900	711	1120	1050	998	54	28-41	3900	545	1500	1000	4260	4690
	1000	811	1255	1170	1110	56	28-48	4320	610	1670	1000	5540	6100

2.5MPa													
Model	DN mm	L	D	D1	D2	b	Z-φd	H	H1	H2	D0	Weight Kg	
												110	112
Z43WF-25C Z43F-25C Z43WY-25C Z43Y-25C KZ43WF-25C KZ43F-25C Z47WF-25C Z47F-25C	50	178	160	125	100	20	4-18	475	80	122	250	25	27
	65	190	180	145	120	22	8-18	535	90	152	300	45	49
	80	203	195	160	135	22	8-18	600	100	178	300	50	55
	100	229	230	190	160	24	8-23	700	110	200	300	60	66
	125	254	270	220	188	28	8-25	790	130	255	350	110	121
	150	267	300	250	218	30	8-25	910	145	345	350	128	140
	200	292	360	310	278	34	12-25	1095	170	420	350	165	181
	250	330	425	370	332	36	12-30	1370	210	495	400	280	310
	300	356	485	430	390	40	16-30	1470	240	600	450	370	410
	350	381	550	490	448	44	16-34	1730	265	640	450	525	580
	400	406	610	550	505	48	16-34	1870	290	720	500	635	700
	450	432	660	600	555	50	20-34	2185	325	798	500	1010	1110
	500	457	760	660	610	52	20-41	2335	360	875	600	1280	1410
	600	508	840	770	718	56	20-41	2680	425	1170	800	1930	2120
	700	610	955	875	815	60	24-48	3080	455	1250	800	3010	3310
	800	660	1070	990	930	64	24-48	3490	505	1370	1000	3820	4200
	900	711	1180	1090	1025	66	28-54	3900	545	1500	1000	5210	5630
	1000	811	1305	1210	1140	66	28-58	4320	610	1670	1000	6400	7040

SINGLE FLAT GATE VALVE



4.0MPa														
Model	DN mm	L	D	D1	D2	D6	b	Z-φd	H	H1	H2	D0	Weight Kg	
													110	112
Z43WF-40C Z43F-40C Z43WY-40C Z43Y-40C KZ43WF-40C KZ43F-40C Z47WF-40C Z47F-40C	50	216	160	125	100	88	20	4-18	475	80	122	250	38	42
	65	241	180	145	120	110	22	8-18	535	90	152	300	57	62
	80	283	195	160	135	121	22	8-18	600	100	178	300	68	75
	100	305	230	190	160	150	24	8-23	700	110	200	300	75	82
	125	381	270	220	188	176	28	8-25	790	130	255	350	133	146
	150	403	300	250	218	204	30	8-25	910	145	345	350	165	180
	200	419	375	320	282	260	38	12-30	1095	170	420	350	315	350
	250	457	445	385	345	313	42	12-34	1370	210	495	400	410	450
	300	502	510	450	408	364	46	16-34	1470	240	600	450	620	685
	350	762	570	510	465	422	52	16-34	1730	265	640	450	870	950
	400	838	655	585	535	474	58	16-41	1870	290	720	500	1370	1460
	450	914	680	610	560	524	60	20-41	2185	325	798	500	1632	1680
	500	991	755	670	612	576	62	20-48	2335	360	875	600	2050	2370
	600	1143	890	795	730	678	62	20-54	2680	425	1170	800	3110	3405

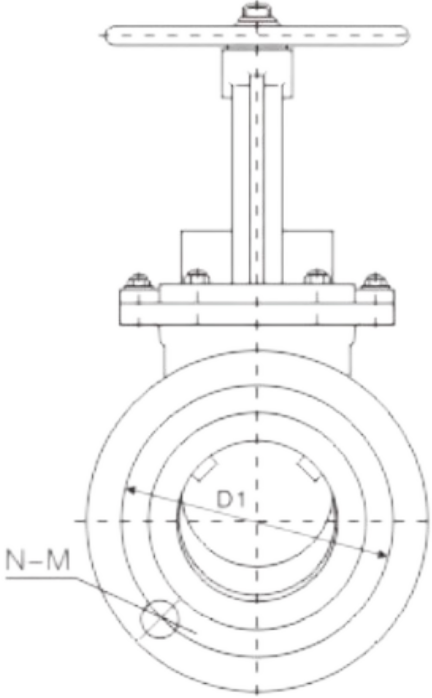
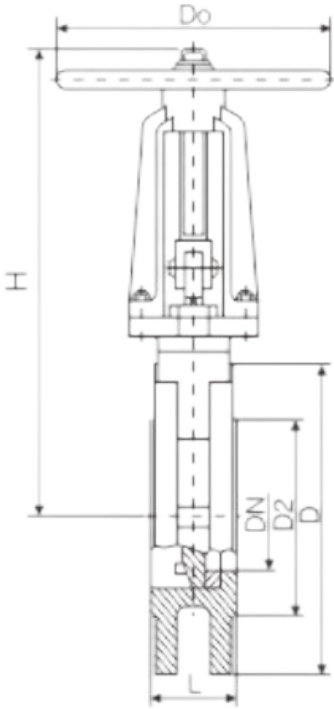
SINGLE FLAT GATE VALVE

6.4MPa														
Model	DN mm	L	D	D1	D2	D6	b	Z-φd	H	H1	H2	D0	Weight Kg	
													110	112
Z43WF-64C Z43F-64C Z43WY-64C Z43Y-64C KZ43WF-64C KZ43F-64C Z47WF-64C Z47F-64C	50	250	175	135	105	88	26	4-23	485	108	158	300	55	80
	65	280	200	160	130	110	28	8-23	550	125	190	300	72	90
	80	310	210	170	140	121	30	8-23	650	145	225	350	85	93
	100	350	250	200	168	150	32	8-25	760	165	245	350	98	110
	125	400	295	240	202	176	36	8-30	860	190	275	400	164	180
	150	450	340	280	240	204	38	8-34	970	220	330	400	205	225
	200	550	405	345	300	260	44	12-34	1150	280	410	500	350	385
	250	650	470	400	352	313	48	12-41	1400	330	490	500	490	540
	300	750	530	460	412	364	54	16-41	1580	380	570	600	760	840
	350	850	595	525	475	422	60	16-41	1750	410	770	600	991	1135
	400	950	670	585	525	474	66	16-48	1890	470	882	800	1510	1670
	450	1050	670	630	570	524	70	20-48	2210	560	1015	800	1830	1980
	500	1150	800	705	640	576	70	20-54	2365	595	1115	1000	1640	2930
	600	1350	930	820	750	678	76	20-58	2840	640	1265	1000	4280	4720

10.0MPa														
Model	DN mm	L	D	D1	D2	D6	b	Z-φd	H	H1	H2	D0	Weight Kg	
													110	112
Z43WF-100C Z43F-100C Z43WY-100C Z43Y-100C KZ43WF-100C KZ43F-100C Z47WF-100C Z47F-100C	50	250	175	135	105	88	26	4-23	485	108	158	300	55	80
	65	280	200	160	130	110	28	8-23	550	125	190	300	72	90
	80	310	210	170	140	121	30	8-23	650	145	225	350	85	93
	100	350	250	200	168	150	32	8-25	760	165	245	350	98	110
	125	400	295	240	202	176	36	8-30	860	190	275	400	164	180
	150	450	340	280	240	204	38	8-34	970	220	330	400	205	225
	200	550	405	345	300	260	44	12-34	1150	280	410	500	350	385
	250	650	470	400	352	313	48	12-41	1400	330	490	500	490	540
	300	750	530	460	412	364	54	16-41	1580	380	570	600	760	840
	350	850	595	525	475	422	60	16-41	1750	410	770	600	991	1135
	400	950	670	585	525	474	66	16-48	1890	470	882	800	1510	1670
	450	1050	670	630	570	524	70	20-48	2210	560	1015	800	1830	1980
	500	1150	800	705	640	576	70	20-54	2365	595	1115	1000	1640	2930
	600	1350	930	820	750	678	76	20-58	2840	640	1265	1000	4280	4720

SINGLE FLAT GATE VALVE

16.0MPa														
Model	DN mm	L	D	D1	D2	D6	b	Z-φd	H	H1	H2	D0	Weight Kg	
													110	112
Z43WF-160C Z43F-160C Z43WY-160C Z43Y-160C KZ43WF-160C KZ43F-160C Z47WF-160C Z47F-160C	50	368	215	165	132	88	36	8-25	485	108	158	300	81	90
	65	381	245	190	152	110	44	8-30	550	125	190	300	115	125
	80	419	260	205	168	121	46	8-30	650	145	225	350	155	170
	100	457	300	240	200	150	48	8-34	760	165	245	350	200	220
	125	525	355	285	238	176	60	8-41	860	190	275	400	345	375
	150	610	390	318	270	204	66	12-41	970	220	330	400	600	650
	200	737	480	400	345	260	78	12-48	1150	280	410	500	780	840
	250	838	580	485	425	313	88	12-54	1420	330	490	500	1060	1120
	300	965	655	570	510	364	100	16-54	1595	380	570	600	1280	1390
	350	1029	640	559	424	414.5	86	20-42	1830	410	770	600	1510	1705
	400	1130	705	616	481	471.5	89	20-45	2050	470	882	800	2230	2385
	450	1219	785	686	544	535	102	20-51	2410	560	1015	800	2410	2550
	500	1321	855	749.5	595	586	108	20-55	1650	595	1115	1000	3200	3410
	600	1549	1040	901.5	703.5	694	140	20-68	3090	640	1265	1000	4890	5010

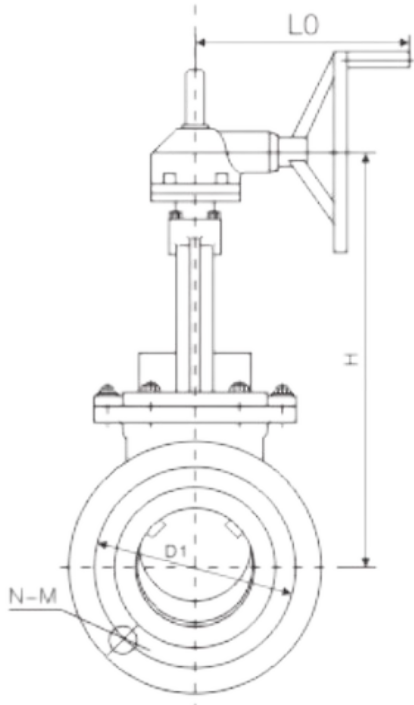
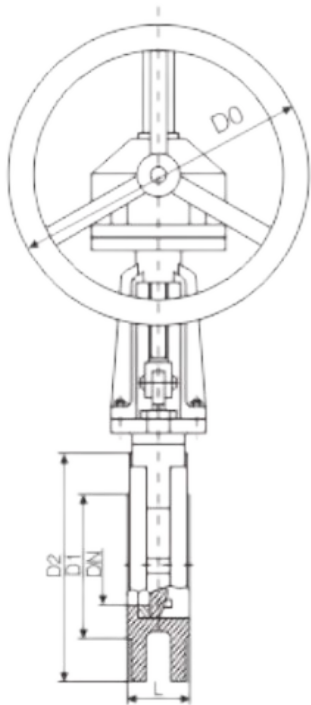


1.0MPa

DN mm	L	D	D1	D2	H	N-M	D0
50	43	160	125	100	285	4-M16	180
65	46	180	145	120	298	4-M16	180
80	46	195	160	135	315	4-M16	220
100	52	215	180	155	365	8-M16	220
125	56	245	210	185	400	8-M16	230
150	56	280	240	210	475	8-M20	280
200	60	335	295	265	540	8-M20	360
250	68	390	350	320	630	12-M20	360
300	78	440	400	368	780	12-M20	400
350	78	500	460	428	885	16-M20	400
400	102	565	515	482	990	16-M22	400
450	114	615	565	532	1100	20-M22	530
500	127	670	620	585	1200	20-M22	530
600	154	780	725	685	1450	20-M27	600
700	165	895	840	800	1700	24-M27	600
800	190	1010	950	898	2000	24-M30	680
900	203	1110	1050	1005	2300	28-M30	680
1000	216	1220	1160	1115	2500	28-M30	700
1200	254	1450	1380	1325	2800	32-M36	800

1.6MPa

DN mm	L	D	D1	D2	H	N-M	D0
50	43	160	125	99	285	4-M16	180
65	46	185	145	120	295	4-M16	180
80	46	200	160	135	315	8-M16	220
100	52	220	180	155	365	8-M16	220
125	56	250	210	185	400	8-M16	230
150	56	285	240	210	475	8-M20	280
200	60	340	295	265	540	12-M20	360
250	68	405	355	310	630	12-M22	360
300	78	460	410	375	780	12-M22	400
350	78	520	470	435	885	16-M22	400
400	102	580	525	485	990	16-M27	400
450	114	640	585	545	1100	20-M27	530
500	127	715	650	609	1200	20-M30	530
600	154	840	770	720	1450	20-M36	600
700	165	910	840	788	1700	24-M26	600
800	190	1025	950	898	2000	24-M36	680
900	203	1125	1050	998	2300	28-M36	680
1000	216	1255	1170	1110	2500	28-M42	700
1200	254	1485	1390	1325	2800	32-M48	800



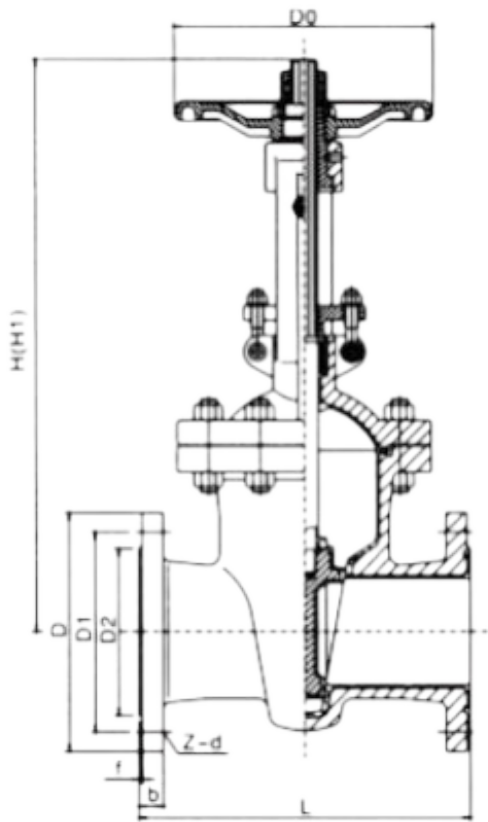
0.6MPa

DN mm	L1	D1	D2	H	N-M
50	43	90	110	475	4-M12
65	46	110	130	500	4-M12
80	46	125	150	535	4-M16
100	52	145	170	605	4-M16
125	56	175	200	665	8-M16
150	56	200	225	765	8-M16
200	60	255	280	880	8-M16
250	68	310	335	1020	12-M16
300	78	362	395	1220	12-M20
350	78	412	445	1375	12-M20
400	102	462	495	1560	16-M20
450	114	518	550	1720	16-M20
500	127	568	600	1870	16-M20
600	154	670	705	2220	20-M22
700	165	775	810	2570	24-M22
800	190	880	920	3030	24-M27
900	203	980	1020	3430	24-M27
1000	216	1080	1120	3470	28-M27
1200	254	1295	1340	4230	32-M30

1.0MPa

DN mm	L1	D1	D2	H	N-M
50	43	100	125	475	4-M16
65	46	120	145	500	4-M16
80	46	135	160	535	4-M16
100	52	155	180	605	8-M16
125	56	185	210	665	8-M16
150	56	210	240	765	8-M20
200	60	265	295	880	8-M20
250	68	320	350	1020	12-M20
300	78	368	400	1220	12-M20
350	78	428	460	1375	16-M20
400	102	482	515	1560	16-M22
450	114	532	565	1720	20-M22
500	127	585	620	1870	20-M22
600	154	685	725	2220	20-M27
700	165	800	840	2570	24-M27
800	190	898	950	3030	24-M30
900	203	1005	1050	3430	28-M30
1000	216	1155	1160	3470	28-M30
1200	254	1325	1380	4230	32-M36

FLUORINE LINED GATE VALVE



Product specification

Product specification	Design	Face to Face	Flange Ends	Test & Check	Drive Method
	GB 12238	GB 12221	HG 20592	GB/T 13927	Manual, electric, pneumatic
			GB/T9119-2010		

Main parts material

Parts name	Parts material					
	Ductile iron Q	Cast steel C	Stainless steel P	Stainless steel R	Ultra low carbon stainless steel PL	Ultra low carbon stainless steel RL
Body/Bonnet	QT450-10	WCB	CF8	CF8M	CF3	CF3M
Seat	PCTFE(F3) PVDF(F2) FEP(F46) PFA Po					
Stem	1Cr13	2Cr13	1Cr18Ni9	1Cr18Ni12Mo2Ti	00Cr18Ni10	00Cr17Ni14Mo2
Packing	PTFE(F4)					
Bolt	35	35	1Cr17Ni2	1Cr17Ni2	1Cr18Ni9	1Cr18Ni9
Bolt	45	45	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9
Yoke	HT250 WCB CF8					
Stem nut	ZCuAi10Fe3 A439 D2					
Handwheel	KT330-08 WCC					

FLUORINE LINED GATE VALVE

1.0MPa

NPS in	DN mm	L	D	D1	D2	f	b	Z-φd	D0	H	H1	Weight Kg
1/2"	15	130	95	65	45	2	14	4-14	120	110	125	6
3/4"	20	150	105	75	55	2	16	4-14	140	120	140	7
1"	25	160	115	85	65	2	16	4-14	140	132	155	8
1-1/4"	32	180	135	100	78	2	18	4-18	160	156	185	11
1-1/2"	40	240	145	110	85	3	18	4-18	200	167	210	20
2"	50	250	160	125	100	3	20	4-18	200	358	410	28
2-1/2"	65	270	180	145	120	3	20	4-18	250	375	440	32
3"	80	280	195	160	135	3	22	4-18	250	435	515	45
4"	100	300	215	180	155	3	22	8-18	280	500	600	60
5"	125	325	245	210	185	3	24	8-18	280	615	740	110
6"	150	350	280	240	210	3	24	8-23	400	675	825	120
8"	200	400	335	295	265	3	26	8-23	400	820	1020	150
10"	250	450	390	350	320	3	28	12-23	450	970	1220	240
12"	300	500	440	400	368	4	28	12-23	500	1145	1445	340
14"	350	550	500	460	428	4	30	16-23	600	1280	1630	550
16"	400	600	565	515	482	4	32	16-25	600	1450	1850	680
18"	450	650	615	565	532	4	32	20-25	650	1538	1988	795
20"	500	700	670	620	585	4	34	20-25	650	1730	2230	880

1.6MPa

NPS in	DN mm	L	D	D1	D2	f	b	Z-φd	D0	H	H1	Weight Kg
1/2"	15	130	95	65	45	2	14	4-14	120	110	125	7
3/4"	20	150	105	75	55	2	16	4-14	140	120	140	8
1"	25	160	115	85	65	2	16	4-14	140	132	155	9
1-1/4"	32	180	135	100	78	2	18	4-18	160	156	185	13
1-1/2"	40	240	145	110	85	3	18	4-18	200	167	210	25
2"	50	250	160	125	100	3	20	4-18	200	358	410	32
2-1/2"	65	270	180	145	120	3	20	4-18	250	375	440	38
3"	80	280	195	160	135	3	22	8-18	250	435	515	50
4"	100	300	215	180	155	3	24	8-18	280	500	600	68
5"	125	325	245	210	185	3	26	8-18	280	615	740	125
6"	150	350	280	240	210	3	28	8-23	400	675	825	170
8"	200	400	335	295	265	3	30	12-23	400	820	1020	210
10"	250	450	405	355	320	3	32	12-25	450	980	1230	260
12"	300	500	460	410	375	4	34	12-25	500	1150	1450	480
14"	350	550	520	470	435	4	38	16-25	600	1285	1635	620
16"	400	600	580	525	485	4	40	16-30	600	1455	1855	805
18"	450	650	640	585	545	4	44	20-30	650	1545	1990	880
20"	500	700	705	650	608	4	46	20-34	650	1735	2235	920



Features

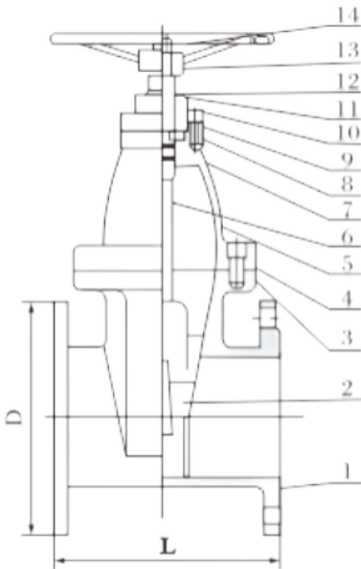
- 1. Overall rubber coating: The gate adopts overall rubber coating, and its good covering performance and precise geometric dimensions ensure reliable sealing and long service life.
- 2. Light weight: The valve body is made of ductile iron, which is light and easy to install.
- 3. Flat bottom valve seat: The bottom adopts the same flat bottom valve seat design as the water pipe, which does not produce debris accumulation and has a more reliable seal.
- 4. Corrosion resistance: The inner cavity is coated with non-toxic epoxy resin to prevent corrosion and rust. It can not only be used for drinking, but also for sewage systems.
- 5. O-ring: The valve stem adopts three O-ring seals, which has low friction resistance, light switch and no water leakage.

Product specifications

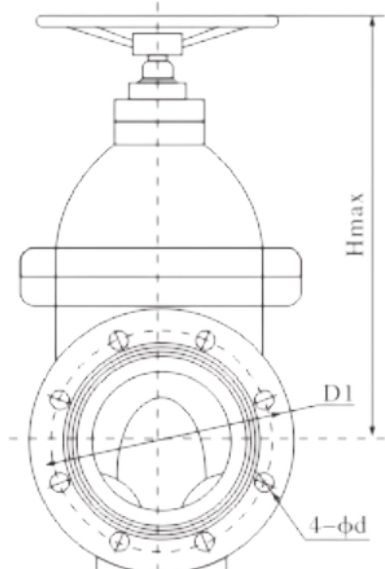
Pressure rating: 1.0MPa, 1.6MPa
Valve body pressure: 1.5MPa, 2.4MPa
Sealing test: 1.1MPa, 1.76MPa
Working temperature: 0~80℃
Applicable media: water, gas, etc.

Parts material

Parts name	Parts material	Parts name	Parts material
Body	Cast iron, ductile iron, cast steel	Thrust gasket	Tin bronze
Gate	Ductile iron coated	Bushing	Tin bronze
Bolt	Galvanized	Bolt	Galvanized
Sealing ring	NBR	Shaft cover	Ductile iron
Bonnet	Cast iron, ductile iron, cast steel	Dust cover	NBR
Stem	Stainless steel	Handwheel	Cast iron
O-ring	NBR	Fastening nut	Galvanized



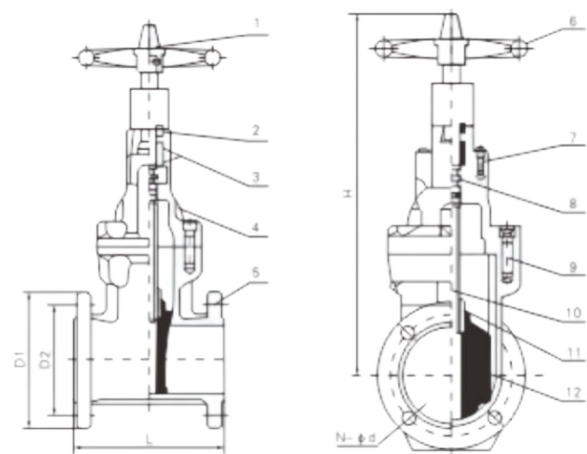
RVCX resilient seated gate valve



RRHX resilient seated gate valve

Code	DN mm	D		D1		n-φd		L	H
		1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa		
RVC(H)X-0050	50	165	165	125	125	4-19	4-19	178	340
RVC(H)X-0065	65	185	185	145	145	4-19	4-19	190	370
RVC(H)X-0080	80	200	200	160	160	8-19	8-19	203	410
RVC(H)X-0100	100	220	220	180	180	8-19	8-19	229	450
RVC(H)X-0125	125	250	250	210	210	8-19	8-19	254	480
RVC(H)X-0150	150	285	285	240	240	8-23	8-23	267	550
RVC(H)X-0200	200	340	340	295	295	8-23	12-23	292	630
RVC(H)X-0250	250	405	405	350	355	12-23	12-28	330	750
RVC(H)X-0300	300	460	460	400	410	12-23	12-28	356	820
RVC(H)X-0350	350	520	520	460	470	16-23	16-28	381	980
RVC(H)X-0400	400	580	580	515	525	16-28	16-31	406	1010
RVC(H)X-0450	450	640	640	565	585	20-28	20-31	432	1270
RVC(H)X-0500	500	715	715	620	650	20-28	20-34	457	1270
RVC(H)X-0600	600	840	840	725	770	20-31	30-37	508	1390

RVVX: non-rising stem gate valve
RVXP: labor-saving device
RRXX: rising stem gate valve
RRHX: rising stem with handwheel
RREX: rising stem with electric operating device
RVCX: non-rising stem with transmission cap
RVHX: non-rising stem with handwheel
RVHS: non-rising stem with signal display
RVEX: non-rising stem with electric operating device
RVCH: non-rising stem with transmission cap horizontal operating device
RVHH: rising stem with handwheel horizontal



Product specifications

Pressure rating: 1.0MPa, 1.6MPa, 2.5MPa
Valve body pressure: 1.5MPa
Sealing test: 1.1MPa
Working temperature: 0~80°C
Applicable media: water, gas, oil, etc.



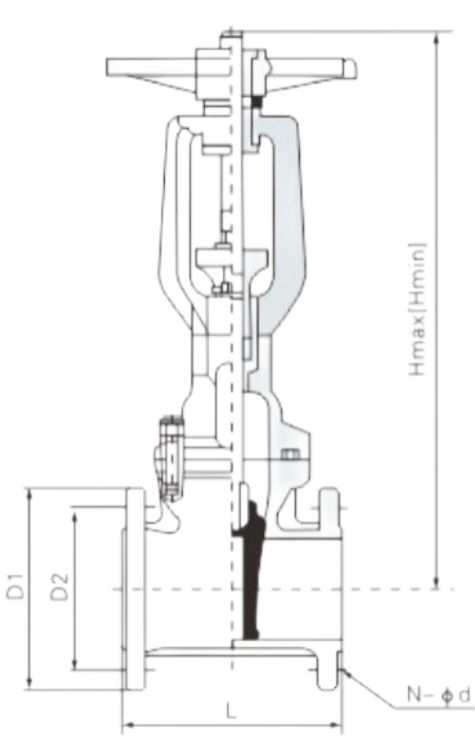
RRHN non rising stem
signal resilient seated gate valve



Resilient seated gate valve
with opening indication



RVHS rising stem resilient seated gate valve



Parts material

Parts name	Parts material	Parts name	Parts material
Transmission cap	GG25	Shaft cover	GG25
Dust cover	NBR	Thrust bearing	Bronze
O-ring	NBR	Bolt	SS304
Bonnet	GG25	Stem	SS410
Body	GG25	Nut	Bronze
Handwheel	GG25	Gate	GG25 with EPDM or NBR

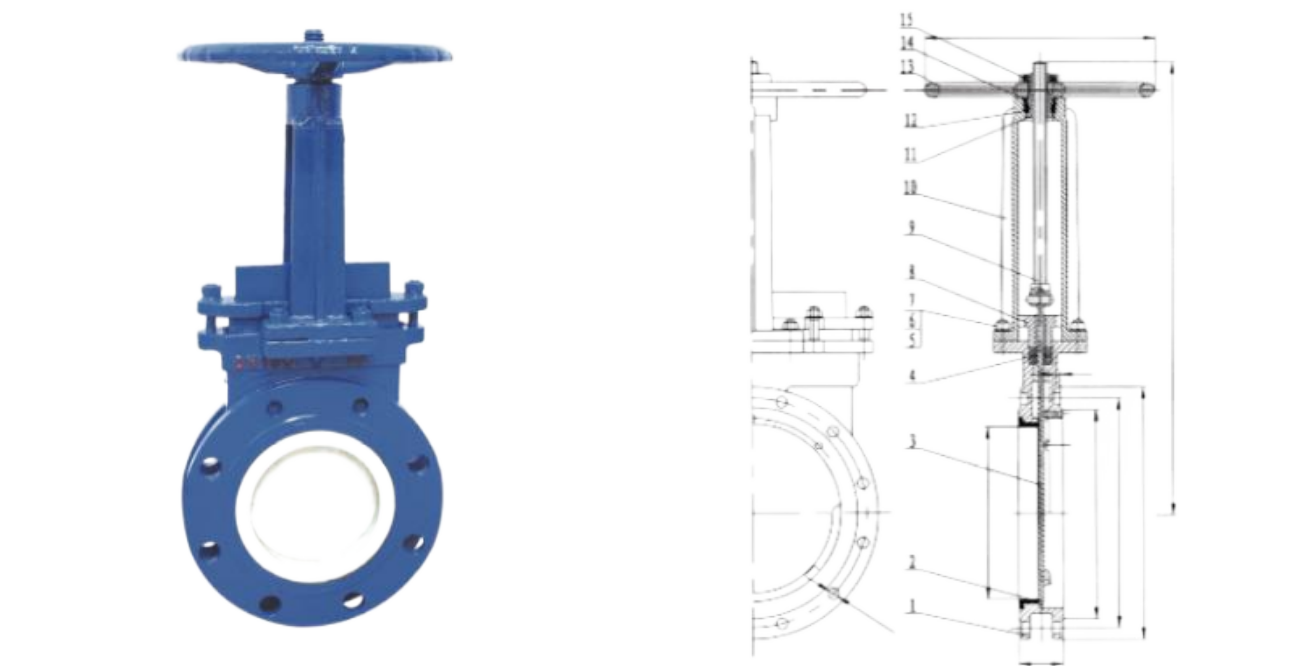
Code	DN mm	D1		D2		n-φd		L	H
		1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa		
GVS(F)-0050	50	135	135	125	125	4-19	4-19	178	340
GVS(F)-0065	65	185	185	145	145	4-19	4-19	190	370
GVS(F)-0080	80	200	200	160	160	8-19	8-19	203	410
GVS(F)-0100	100	220	220	180	180	8-19	8-19	229	450
GVS(F)-0125	125	250	250	210	210	8-19	8-19	254	480
GVS(F)-0150	150	285	285	240	240	8-23	8-23	267	550
GVS(F)-0200	200	340	340	295	295	8-23	12-23	292	630
GVS(F)-0250	250	405	405	350	355	12-23	12-28	330	750
GVS(F)-0300	300	460	460	400	410	12-23	12-28	356	820
GVS(F)-0350	350	520	520	460	470	16-23	16-28	381	980
GVS(F)-0400	400	580	580	515	525	16-28	16-31	406	1010

Product specifications

Nominal diameter: DN50-DN400
Pressure rating: 1.0MPa, 1.6MPa, 2.5MPa
Valve body pressure: 1.5MPa
Sealing test: 1.1MPa
Working temperature: 0~80°C
Applicable media: water, gas, oil, etc.

Code	DN mm	D1		D2		n-φd		L	H min	H max
		1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa			
GVS(F)-0050	50	135	135	125	125	4-19	4-19	178	332	374
GVS(F)-0065	65	185	185	145	145	4-19	4-19	190	332	398
GVS(F)-0080	80	200	200	160	160	8-19	8-19	203	350	429
GVS(F)-0100	100	220	220	180	180	8-19	8-19	229	420	524
GVS(F)-0125	125	250	250	210	210	8-19	8-19	254	581	721
GVS(F)-0150	150	285	285	240	240	8-23	8-23	267	581	736
GVS(F)-0200	200	340	340	295	295	8-23	12-23	292	736	942
GVS(F)-0250	250	405	405	350	355	12-23	12-28	330	882	1013
GVS(F)-0300	300	460	460	400	410	12-23	12-28	356	1009	1117
GVS(F)-0350	350	520	520	460	470	16-23	16-28	381	1300	1655
GVS(F)-0400	400	580	580	515	525	16-28	16-31	406	1380	1805

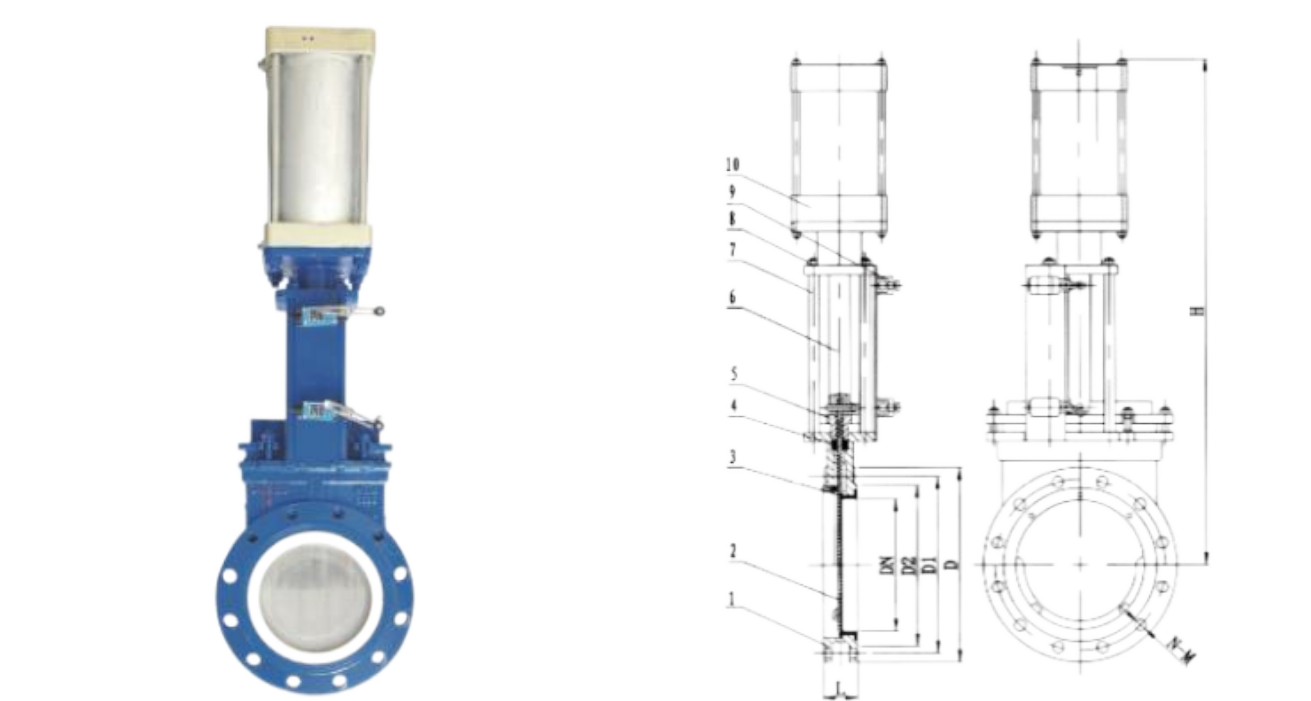
PZ73TC CERAMIC KNIFE GATE VALVE



Parts name	Parts material	Parts name	Parts material
1-Body	WCB	9-Stem	2Cr13
2-Seat	Engineering ceramics	10-Yoke	WCB
3-Disc	304+engineering ceramics	11-Stem nut	T
4-Packing	PTFE	12--Bearing	
5-Stud	35	13-Handwheel	HT200
6-Gasket	10	14-Bearing gland	35
7-Nut	25	15-Handwheel locking nut	Q235A
8-Packing gland	WCB		

PN	DN mm	L	D	D1	D2	H	N-M	D0	b
10	50	43	165	125	100	285	4-16	180	12
	65	46	185	145	120	295	4-16	180	12
	80	46	200	160	135	315	8-16	220	12
	100	52	210	180	155	365	8-16	220	12
	125	56	240	210	185	400	8-16	230	12
	150	56	295	240	210	475	8-20	280	14
	200	60	350	295	265	540	12-20	360	14
	250	68	400	350	320	630	12-24	360	16
	300	78	460	400	368	780	12-24	400	16
	350	78	500	460	428	885	16-24	400	16
	400	102	565	515	482	990	16-27	400	18
	450	114	615	565	532	1100	20-27	530	18
	500	127	670	620	585	1200	20-30	530	18
	600	154	780	725	685	1450	20-33	600	20

PZ673TC PNEUMATIC CERAMIC KNIFE GATE VALVE



Parts name	Parts material	Parts name	Parts material
1-Body	WCB	6-Stem	Q235+chrome plating
2-Disc	SS304+Engineering ceramics	7-Yoke	Q235
3-Seat	Engineering ceramics	8- Nut	25
4-Packing	PTFE	9--Stroke switch	
5-Packing gland	WCB	10-Pneumatic actuator	

PN	DN mm	L	D	D1	D2	H	N-M
10	50	43	160	125	100	285	4-16
	65	46	180	145	120	300	4-16
	80	46	195	160	135	315	8-16
	100	52	215	180	155	365	8-16
	125	56	245	210	185	400	8-16
	150	56	280	240	210	475	8-20
	200	60	335	295	265	540	8-20
	250	68	390	350	320	630	12-20
	300	78	440	400	368	780	12-20
	350	78	500	460	428	885	16-20
	400	102	565	515	482	990	16-24
	450	114	615	565	532	1100	20-24
	500	127	670	620	585	1200	20-24
	600	154	780	725	685	1450	24-30