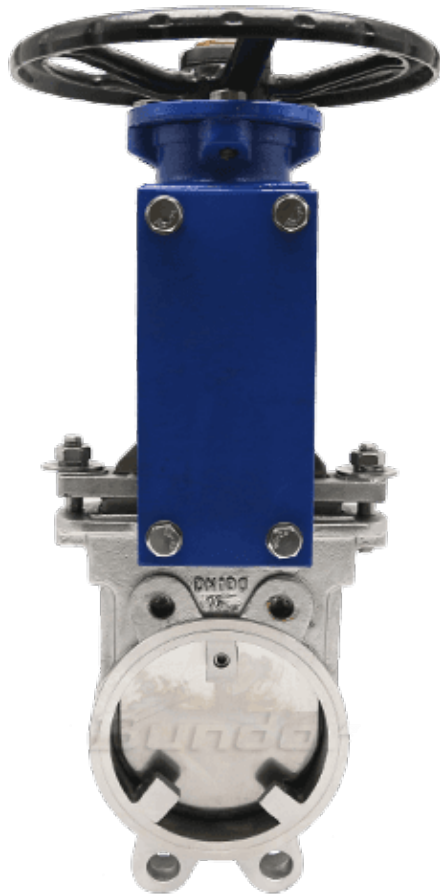


Технические характеристики

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Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	



Stainless Steel Knife Gate Valve

Size Range: 1.5"-16"/DN40-400

Pressure: PN1.0/1.6mpa

Body Materials: cast iron/ductile iron

Seat Materials: NBR

Disc Materials: 201stainless steel

Stem Materials: 2cr13stainless steel

Introduction

Features:

Medium used: Pulp, mud, sewage, powder, all kinds of liquid fluid.

Suitable temperature : below 80 degrees Celsius

Application field : Water treatment, water supply and drainage, water conservancy projects.

Product advantages:

1.Zero leakage

Unibody casting process is adopted. The inner groove of the valve body is lined with U rubber sealing strip, which is tightly sealed with the edge of the valve plate.

2.No blocking by the slag

There are no grooves at the bottom, making the flow of the fluid medium easy to plug.

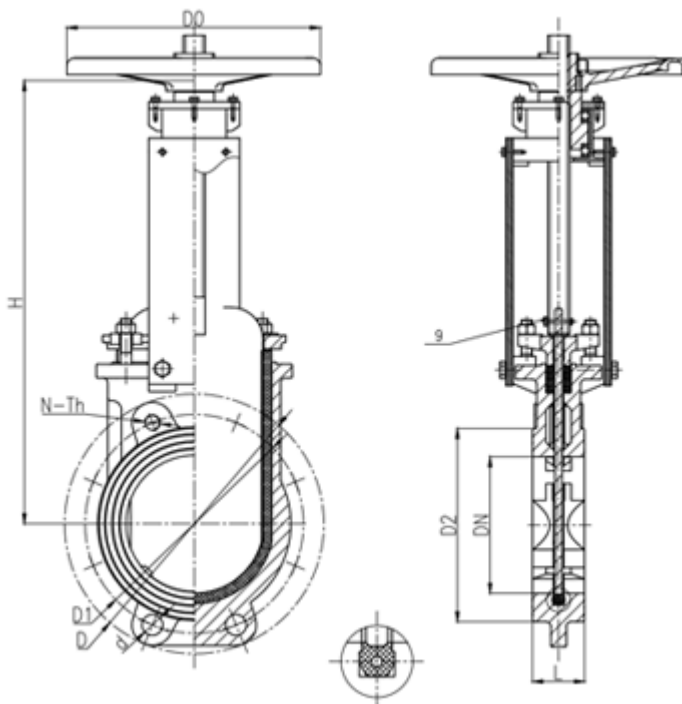
3.More durable

Sealing strip design makes valve more durable.

4.Easy to install and disassemble

Small volume, smooth passage, small flow resistance, light weight, easy to install, easy to disassemble

Parameters



DN	L	D	D0	H
40	48	84	180	288
50	48	99	180	290
65	48	118	200	310
80	51	132	220	350

100	51	156	240	405
125	57	184	260	450
150	57	212	280	510
200	70	266	300	610
250	70	319	340	765
300	76	370	380	820
350	76	430	400	970
400	89	480	450	1024



Flanged Knife Gate Valve

Size Range: DN50-DN300

Pressure: PN10/16/150LB

Body Materials: WCB

Seat Materials: EPDM

Disc Materials: 304/316

Stem Materials: 2Cr13

Introduction

Knife gate valve is also known as knife gate valve, slurry valve, mud valve. Its opening and closing parts are gate. The movement direction of gate is perpendicular to the direction of the fluid. Depending on cutting fiber material blade shaped gate to cut off the medium. The gate board rises and falls in the side guide groove and is pressed on the seat by the bottom lug. If high medium sealing is needed, o-type sealing seat can be selected to achieve two-way sealing. Knife gate valves have small installation space, low working pressure, long service life, simple maintenance.

Suitable Medium : Fresh water, sewage, sea water, acid, etc.

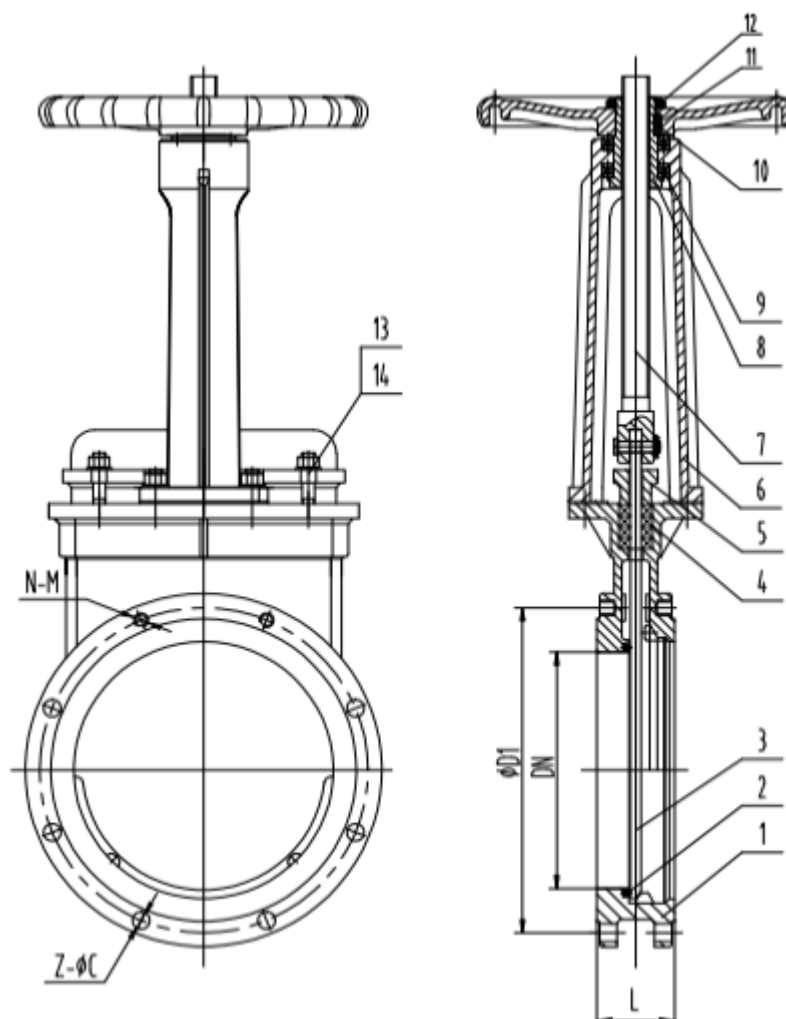
Working Temperature: -20°C ~ 120°C

Application field : Municipal construction, water conservancy projects, oil products, water supply and drainage, water treatment.

Product Advantages

1. Precision casting valve body, fine appearance, no sand hole, traceable with Heat number.
2. Valve wedge is burnished smoothly 3 times and polished 5 times to ensure the sealing performance.
3. Valve stem is equipped with bearing to reduce friction, increased service life.
4. Add steel wire to seat ring to ensure the strong combination between valve seat and body.
5. 250 μm epoxy coating, it can effectively prevent corrosion and rust.
6. Each valve will be made pressure test before leaving factory.

Parameters



Name	1-Body	2-Seat	3-Wedge	4-Stem	5-Handwheel
Material	WCB/304/316	EPDM	304/316	2Cr13	DI

Size			PN10			PN16			150LB		
DN	NPS (Inch)	L	D1	N-M	Z-φC	D1	N-M	Z-φC	D1	N-M	Z-φC
50	2"	50	125	2-M16	2-φ18	125	2-M16	2-φ18	120.7	2-M16	2-19
65	2 1/2"	50	145	2-M16	2-φ18	145	2-M16	2-φ18	139.7	2-M16	2-19
80	3"	50	160	2-M16	6-φ18	160	2-M16	6-φ18	152.4	2-M16	2-19
100	4"	52	180	2-M16	6-φ18	180	2-M16	6-φ18	190.5	2-M16	6-19
125	5"	56	210	2-M16	6-φ18	210	2-M16	6-φ18	215.9	2-M20	6-22
150	6"	56	240	2-M20	6-φ22	240	2-M20	6-φ22	241.3	2-M20	6-22
200	8"	60	295	2-M20	6-φ22	295	4-M20	8-φ22	298.4	2-M20	6-22
250	10"	78	350	4-M20	8-φ22	355	4-M24	8-φ26	361.9	4-M22	8-25
300	12"	78	400	4-M20	8-φ22	410	4-M24	8-φ26	431.8	4-M22	8-25



Bi-directional Sealing Knife Gate Valve

Size Range: DN50-DN300

Pressure: PN10/16/150LB

Body Materials: WCB/304/316

Seat Materials: EPDM

Disc Materials: 304/316

Stem Materials: 2Cr13

Introduction

Knife gate valve is also known as knife gate valve, slurry valve, mud valve. Its opening and closing parts are gate. The movement direction of gate is perpendicular to the direction of the fluid. Depending on cutting fiber material blade shaped gate to cut off the medium. The gate board rises and falls in the side guide groove and is pressed on the seat by the bottom lug. If high medium sealing is needed, o-type sealing seat can be selected to achieve two-way sealing. Knife gate valves have small installation space, low working pressure, long service life, simple maintenance.

Suitable Medium : Water, mud, ash, slag and water mixture, etc.

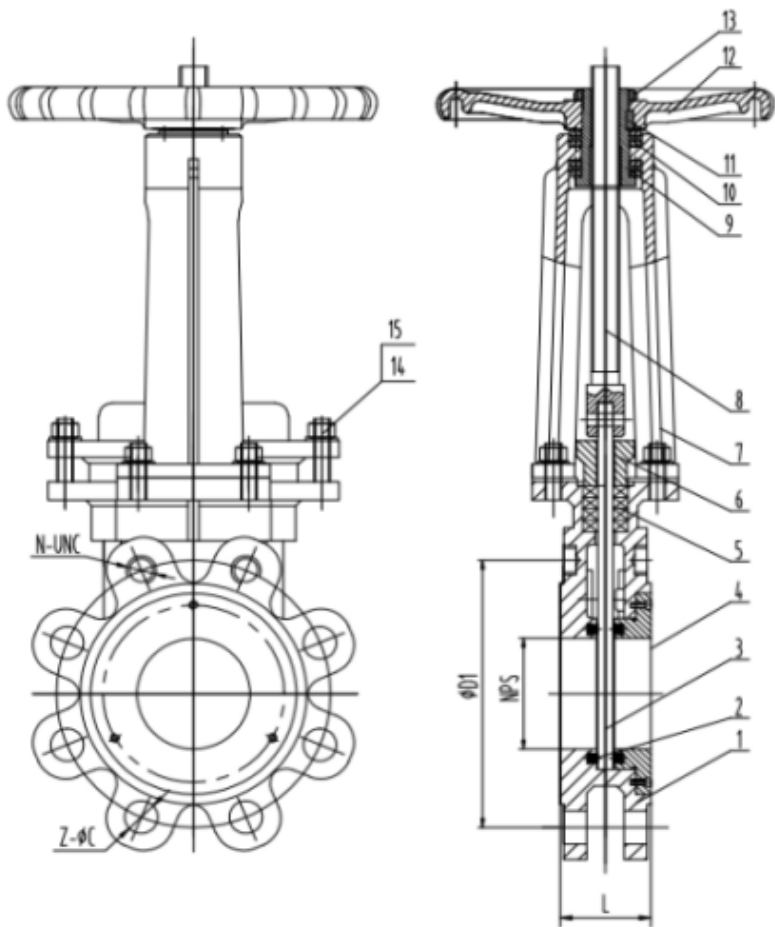
Working Temperature: 0 ~ 80°C.

Application field : Coal mine, chemical industry, environmental protection, water treatment, water supply and drainage, etc.

Product Advantages

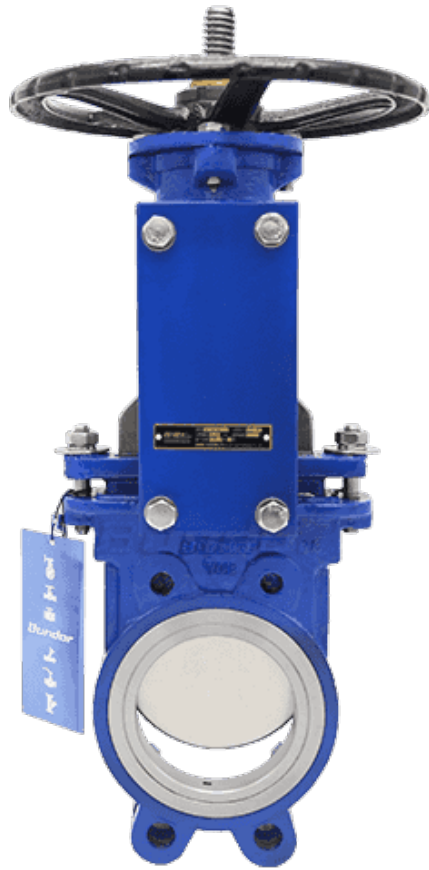
- 1. Precision casting valve body, fine appearance, no sand hole, traceable with Heat number.
- 2. Valve wedge is burnished smoothly 3 times and polished 5 times to ensure the sealing performance.
- 3. Valve stem is equipped with bearing to reduce friction, increased service life.
- 4. Add steel wire to seat ring to ensure the strong conbation between valve seat and body.
- 5. 250 μm epoxy coating, it can effectively prevent corrosion and rust.
- 6. Each valve will be made pressure test before leaving factory.

Parameters



Name	1-Body	2-Seat	3-Wedge	4-Stem	5-Handwheel
Material	WCB/304/316	EPDM	304/316	2Cr13	DI

Size			PN10			PN16			150LB		
DN	NPS (Inch)	L	D1	N-M	Z-φC	D1	N-M	Z-φC	D1	N-M	Z-φC
50	2"	48	125	2-M16	2-φ18	125	2-M16	2-φ18	120.7	2-M16	2-19
65	2 1/2"	48	145	2-M16	2-φ18	145	2-M16	2-φ18	139.7	2-M16	2-19
80	3"	51	160	2-M16	6-φ18	160	2-M16	6-φ18	152.4	2-M16	2-19
100	4"	51	180	2-M16	6-φ18	180	2-M16	6-φ18	190.5	2-M16	6-19
125	5"	57	210	2-M16	6-φ18	210	2-M16	6-φ18	215.9	2-M20	6-22
150	6"	57	240	2-M20	6-φ22	240	2-M20	6-φ22	241.3	2-M20	6-22
200	8"	70	295	2-M20	6-φ22	295	4-M20	8-φ22	298.4	2-M20	6-22
250	10"	70	350	4-M20	8-φ22	355	4-M24	8-φ26	361.9	4-M22	8-25
300	12"	76	400	4-M20	8-φ22	410	4-M24	8-φ26	431.8	4-M22	8-25
350	14"	76	460	6-M20	10-φ22	470	6-M24	10-φ26	476.2	4-M27	8-29
400	16"	89	515	6-M24	10-φ26	525	6-M27	10-φ30	539.7	6-M27	10-29



DIN Wafer Knife Gate Valve

Size Range: 2"-16"/DN50-400

Pressure: PN1.0/1.6mpa

Body Materials: WCB

Seat Materials: 2cr13stainless steel

Disc Materials: 304stainless steel

Stem Materials: 2cr13stainless steel

Introduction

Features:

Medium used: syrup, pulp, sewage, coal slurry, ash, slag water mixture.

Suitable temperature : below 80 degrees Celsius

Application field : municipal construction, water treatment, power, water supply and drainage, water conservancy projects.

Product advantages:

1.Stainless steel parts

The inner parts are made of stainless steel to ensure the purity of the medium.

2.Long service life

It overcomes the defect that the traditional valve is easy to rust and corrode, and extends the service life.

3.Reliable, hygienic and anti-corrosion

The inner and outer surface of valve body, cover, battening and connecting plate is sprayed with epoxy resin.

4.Good performance

The valve stem material is stainless steel, the valve stem thread is rolled, the performance is excellent.

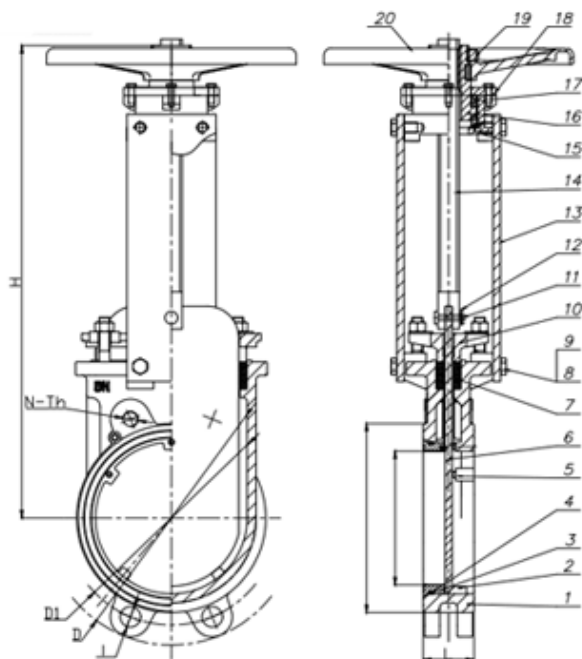
5.Simple and compact structure

It is characterized by simple and compact structure, reasonable design, reliable sealing, lightweight material and flexible operation.

6.Easy to install and disassemble

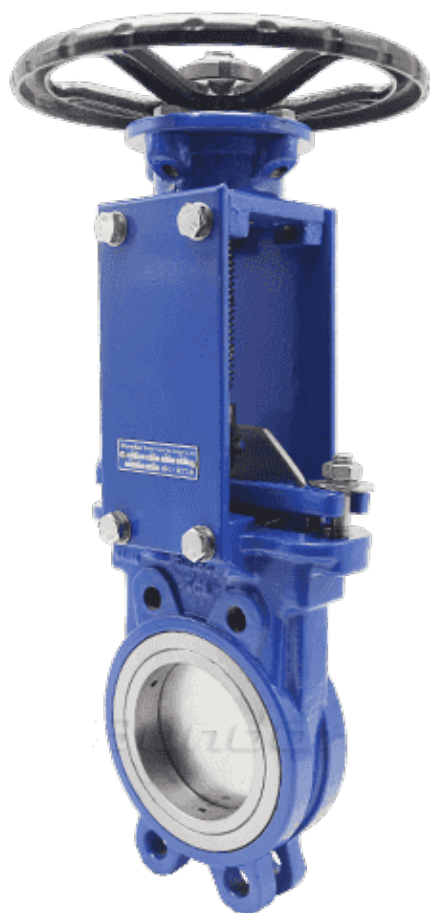
Small volume, smooth passage, small flow resistance, light weight, easy to install, easy to disassemble

Parameters



DN(mm)	L	D0	H1
50	48	180	295
65	48	200	315
80	51	220	360
100	51	240	400
125	57	260	450

150	57	280	510
200	70	300	585
250	70	340	695
300	76	380	795
350	76	400	950
400	89	450	1000



Wafer Knife Gate Valve

Size Range: 2"-16"/DN50-400

Pressure: PN1.0/1.6mpa

Body Materials: carbon steel/304 stainless steel/316 stainless steel

Seat Materials: 2cr13stainless steel

Disc Materials: 304stainless steel

Stem Materials: 2cr13stainless steel

Introduction

Features:

Medium used: syrup, pulp, sewage, coal slurry, ash, slag water mixture.

Suitable temperature : below 80 degrees Celsius

Application field : municipal construction, water treatment, power, water supply and drainage, water conservancy projects.

Product advantages:

1.Stainless steel parts

The inner parts are made of stainless steel to ensure the purity of the medium.

2.Long service life

It overcomes the defect that the traditional valve is easy to rust and corrode, and extends the service life.

3.Reliable, hygienic and anti-corrosion

The inner and outer surface of valve body, cover, battening and connecting plate is sprayed with epoxy resin.

4.Good performance

The valve stem material is stainless steel, the valve stem thread is rolled, the performance is excellent.

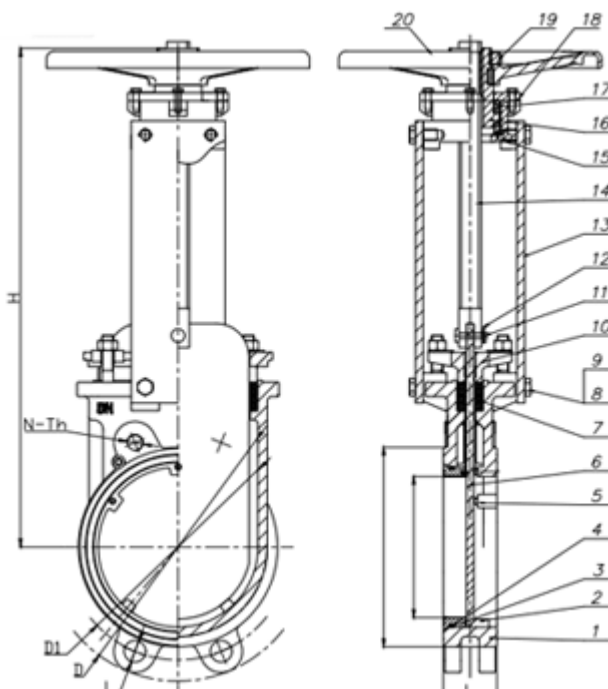
5.Simple and compact structure

It is characterized by simple and compact structure, reasonable design, reliable sealing, lightweight material and flexible operation.

6.Easy to install and disassemble

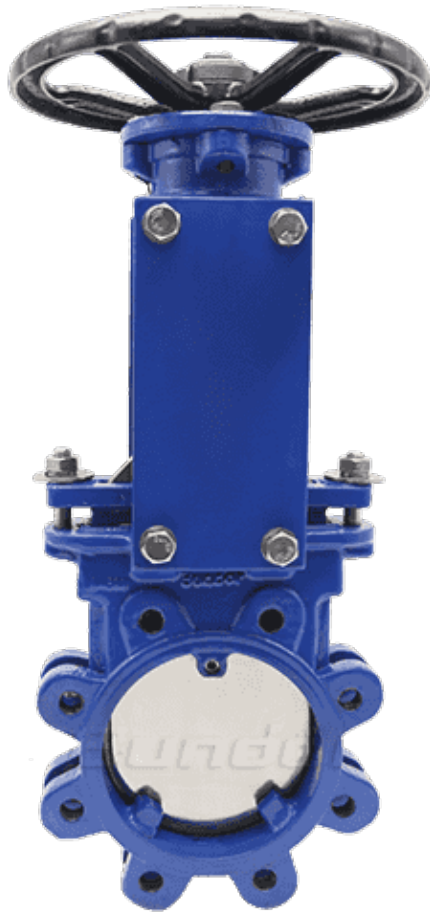
Small volume, smooth passage, small flow resistance, light weight, easy to install, easy to disassemble

Parameters



DN(mm)	L	D0	H1
50	48	180	295
65	48	200	315

80	51	220	360
100	51	240	400
125	57	260	450
150	57	280	510
200	70	300	585
250	70	340	695
300	76	380	795
350	76	400	950
400	89	450	1000



Lugged Knife Gate Valve

Size Range: 2"-16"/DN50-DN400

Pressure: PN1.0/1.6mpa

Body Materials: carbon steel/304 stainless steel/316 stainless steel

Seat Materials: 2cr13stainless steel

Disc Materials: 304stainless steel

Stem Materials: 2cr13stainless steel

Introduction

Features:

Medium used: syrup, pulp, sewage, coal slurry, ash, slag water mixture.

Suitable temperature : below 80 degrees Celsius

Application field : municipal construction, water treatment, power, water supply and drainage, water conservancy projects.

Product advantages:

1.Stainless steel parts

The inner parts are made of stainless steel to ensure the purity of the medium.

2.Long service life

It overcomes the defect that the traditional valve is easy to rust and corrode, and extends the service life.

3.Reliable, hygienic and anti-corrosion

The inner and outer surface of valve body, cover, battening and connecting plate is sprayed with epoxy resin.

4.Good performance

valve stem material is stainless steel, the valve stem thread is rolled, the performance is excellent.

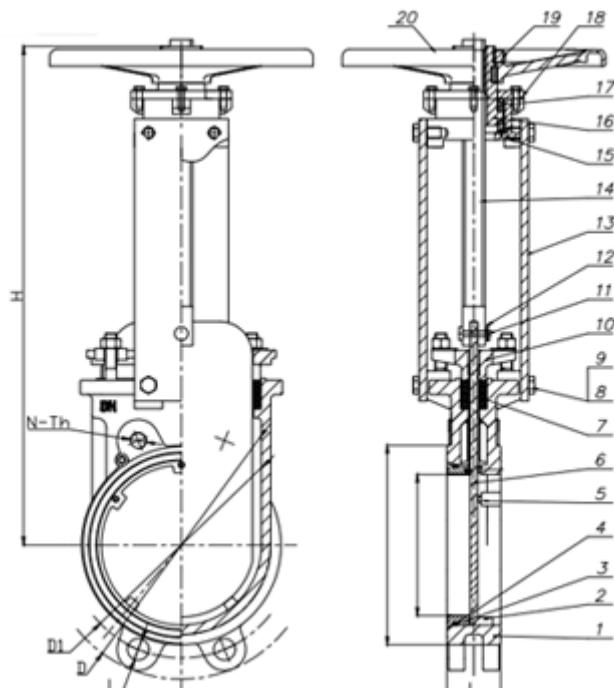
5.Simple and compact structure

It is characterized by simple and compact structure, reasonable design, reliable sealing, lightweight material and flexible operation.

6.Easy to install and disassemble

Small volume, smooth passage, small flow resistance, light weight, easy to install, easy to disassemble

Parameters



DN(mm)	L	D0	H1
50	48	180	295

65	48	200	315
80	51	220	360
100	51	240	400
125	57	260	450
150	57	280	510
200	70	300	585
250	70	340	695
300	76	380	795
350	76	400	950
400	89	450	1000



BS5163 Rising Stem Gate Valve

Size Range: 2"-32"/DN50-DN800

Pressure: PN1.0-1.6MPa

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: Ductile Iron+EPDM

Stem Materials: 2cr13stainless steel

Introduction

Product Features

Low torque operation

Rubber encapsulated wedge

Clockwise closing direction

Fusion bonded epoxy coated inside and outside

Product Advantage

1.The valve body is made of precision casting, the precise geometry makes the north of the valve body not need any finishing, so as to ensure the tightness of the valve.

2.The body is made of ductile iron QT450-10, shall not be broken by transportation, collision or installation.

3.The valve body adopts streamlined design, so that the medium moves straight in the valve cavity, the flow resistance is smaller and the flow area is larger.

4.The valve adopts bidirectional sealing design, and the installation direction and medium flow direction are not limited.

5.The inside and outside of the valve body adopt powder epoxy resin electrostatic coating, which can effectively prevent corrosion and rust caused by contact between valve body and medium, and can be used in sewage system.

6.The valve plate adopts high-quality overall rubber coating, the use of advanced technology makes the vulcanized rubber vulcanization after the valve plate to ensure accurate geometry, and the rubber and ductile iron gate connection is firm and not easy to fall off with good elastic memory, so as to ensure the stable performance of the valve sealing.

7.The bottom of the valve body adopts no groove design, and does not cause accumulation of impurities or dirt, thereby effectively avoiding the leakage caused by impurities scratching of the valve seat.

8.The valve stem is designed with three "O" ring seal. The friction resistance of the switch can be reduced, water leakage is greatly reduced, and the sealing ring can be replaced without cutting off water.

9.The screw made of aluminum bronze material, so the switch is more smooth, not easy to rust, difficult blockage.

10.The overall of valve adopt non rising stem design, reducing the valve, especially large diameter valve installation space.

11.For the installation of valves using in deep well and underground pipe, deep well connecting cap or lengthening rod mechanism can be provided according to customer requirements.

12.Bundor company specialized intentions since 1994, has a professional production, sales, research, after-sales team, is your strong backing of sales and use.

Standard Test

Shell test

The cold test of the valve body, which is connected with the valve body and the valve cover, is carried out to test the structural strength, pressure resistance and compactness of the valve housing, including the whole

housing in the fixed connection

Closure test

Test of sealing performance between valve opening and closing parts and seat seal, between valve body and valve seat

Test pressure

The display pressure of the valve lumen during the experiment

Test fluid

Liquid or gas for pressure test of valves

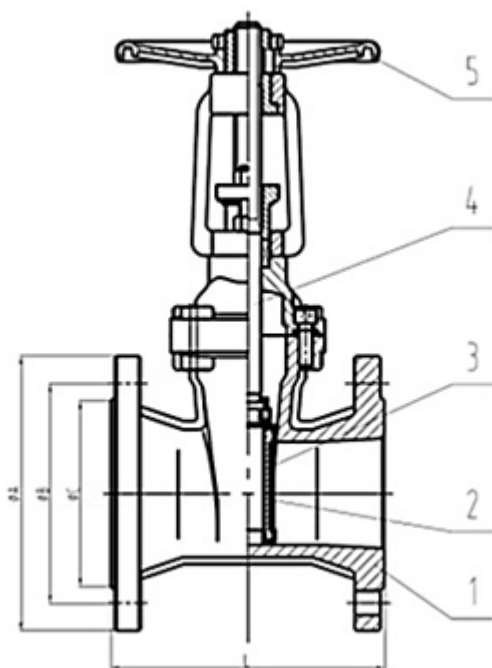
Test fluid temperature

The temperature of the liquid or gas used for the pressure test of the valve shall be in the range of 5-40 unless otherwise specified

Resilient seats

Seals made of non-metallic elastic materials, solid and semisolid lubricants, etc.

Parameters



6	Gland Nuts	Steel 8.8+Wax
7	Stem Nut	Brass
8	Wedge	Ductile Iron+ EPDM
9	Bonnet	Ductile Iron
10	Nuts	Steel 8.8+Wax
11	Middle Gasket	NBR
12	Body	Ductile Iron
13	Hand wheel	Ductile Iron

Dimensions & Weight & Price :

	L	Flange dimensions to BS4504(mm)										WEIGHT (KG/P CS)			
DN		D		D1		D2				n-d					
	(mm)	1	1.6	1	1.6	1	1.6	f	t	1	1.6			NRS	RS
		MPa	MPa	MPa	MPa	MPa	MPa			MPa	MPa				
50	178	160		125		99		3	17	4-18		10	11.5		
65	190	180		145		118		3	17	4-18		12.5	14		
80	203	195		160		132		3	18	4-18		16.5	18.5		
100	229	215		180		156		3	19	4-18		20.5	23		
125	254	245		210		184		3	20	4-18		27	31		
150	267	280		240		211		3	21	4-18		40	44		
200	292	335		295		266		3	20	8-12	12-12	60	65		
250	330	390	400	350	355	319		3	22	12-12	12-26	95	101		
300	356	440	455	400	410	370		4	24.5	12-12	12-26	128	136		
350	381	500	510	460	470	429		4	26.5	16-22	16-26	175	185		
400	406	560	575	515	525	480		4	28	16-26	16-30	230	245		
450	432	615	640	565	585	530	548	4	30	20-26	20-30	330	350		
500	457	670	715	620	650	582	609	4	31.5	20-26	20-33	390	425		
600	508	780	840	725	770	682	720	5	36	20-30	20-36	580	610		



DIN 3352 F5 Resilient Seated Flanged Gate Valves

Size Range: 2"-48"/DN50-DN1200

Pressure: 10K

Body Materials: DI

Seat Materials: NBR/EPDM/PTFE

Disc Materials: DI+NBR/EPDM/PTFE

Stem Materials: 45#/2Cr13/ 304/316stainless steel

Introduction

Specifications

- 1.gate valve design DIN 3352 F5
- 2.Rising/Non-rising stem
- 3.Rubber encapsulated wedge
- 4.Clockwise closing direction

Product Features

Low torque operation
Rubber encapsulated wedge
Clockwise closing direction
Fusion bonded epoxy coated inside and outside

Product Advantage

- 1.The body is ductile iron,high level than national stanard.Tensile strength is 450Mpa , elongation is large than 10% , can not be broken easily when transport.
2. Both inner and out part is epoxy coating, the thickness is 250μm minimum,can prevent rust well,can be used in sewage system.
- 3.The wedge is coated with EPDM, the EPDM proportion can reach 50% , steable and good resilient.
4. 3 O rings are used on 2Cr13 stem,can reduce friction , prevent leakage,can change sealing ring with stop water.
- 5.The stem use brass, operate easily,prevent block.
- 6.Every link, from workblank to the finished product packaging will be inspected strickly.
- 7.BUNDOR Product quality is covered by China Pacific Insurance with two million dollors. Bundor Valve, Two Years Warranty, Pay Two Back If One Bad. Any quality problems of the product itself, we will pay without conditions.

Standard Test

Shell test

The cold test of the valve body, which is connected with the valve body and the valve cover, is carried out to test the structural strength, pressure resistance and compactness of the valve housing, including the whole housing in the fixed connection

Closure test

Test of sealing performance between valve opening and closing parts and seat seal, between valve body and valve seat.

Test pressure

The display pressure of the valve lumen during the experiment

Test fluid

Liquid or gas for pressure test of valves

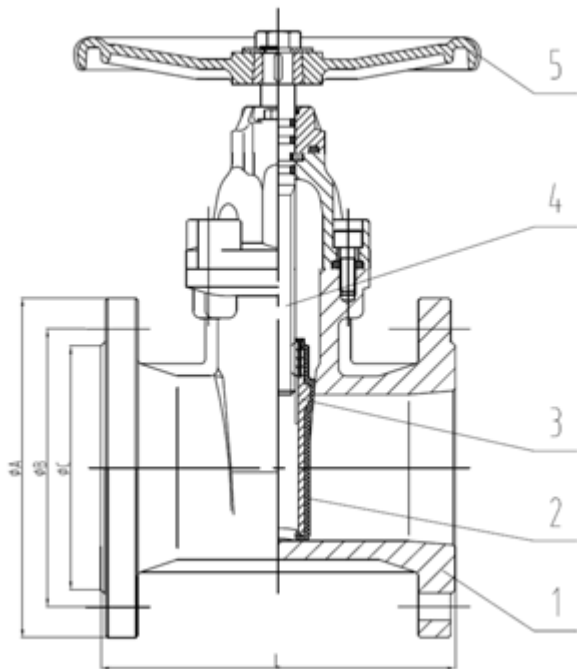
Test fluid temperature

The temperature of the liquid or gas used for the pressure test of the valve shall be in the range of 5-40 unless otherwise specified

Resilient seats

Seals made of non-metallic elastic materials, solid and semisolid lubricants, etc.

Parameters



DN	NPS	L	ΦA	ΦB	ΦC
50	2"	150	165	125	102
65	2 1/2"	170	185	145	122
80	3"	180	200	160	138
100	4"	190	220	180	158
125	5"	200	250	210	188
150	6"	210	285	240	212
200	8"	230	340	295	268
250	10"	250	405	355	320
300	12"	270	460	410	378
350	14"	290	520	470	438

400	16"	310	580	525	490
450	18"	330	640	585	550
500	20"	350	715	650	610
600	24"	390	840	770	725
700	28"	430	910	840	795
800	32"	470	1025	950	900
900	36"	510	1125	1050	1000
1000	40"	550	1255	1170	1115
1200	48"	630	1485	1390	1330



BS5163 Non Rising Stem Soft Seal Gate Valve

Size Range: 2"-24"/DN50-600

Pressure: PN1.0/1.6mpa

Body Materials: GGG50/40

Seat Materials: EPDM

Disc Materials: Ductile Iron+EPDM

Stem Materials: 2Cr13stainless steel

Introduction

Product introduction

The valves disc is rubber-packed to get excellent sealing effect by the rubber's resilient deformation.

Non-rising resilient seated gate valves solve the problem in general gate valves such as leakage, rusting

etc.and saves installation space. It is used widely in tap water industry, sewage treatment, shipping construction,petroleum, chemicals, food, pharmacy, textile, electric power, metallurgy and energy system's pipeline to adjust and shut off fluids.

Product Advantage

- 1.The valve body is made of precision casting, the precise geometry makes the north of the valve body not need any finishing, so as to ensure the tightness of the valve.
- 2.The body is made of ductile iron QT450-10, shall not be broken by transportation, collision or installation.
- 3.The valve body adopts streamlined design, so that the medium moves straight in the valve cavity, the flow resistance is smaller and the flow area is larger.
- 4.The valve adopts bidirectional sealing design, and the installation direction and medium flow direction are not limited.
- 5.The inside and outside of the valve bodyadopt powder epoxy resin electrostatic coating, which can effectively prevent corrosion and rust caused by contact between valve body and medium, and can be used in sewage system.
- 6.The valve plate adopts high-quality overall rubber coating, the use of advanced technology makes the vulcanized rubber vulcanization after the valve plate to ensure accurate geometry, and the rubber and ductile iron gate connection is firm and not easy to fall off with good elastic memory, so as to ensure the stable performance of the valve sealing.
- 7.The bottom of the valve body adopts no groove design, and does not cause accumulation of impurities or dirt, thereby effectively avoiding the leakage caused by impurities scratching of the valve seat.
- 8.The valve stem is designed with three "O" ring seal. The friction resistance of the switch can be reduced, water leakage is greatly reduced, and the sealing ring can be replaced without cutting off water.
- 9.The screw made of aluminum bronze material, so the switch is more smooth, not easy to rust, difficult blockage.
- 10.The overall of valve adopt non rising stem design, reducing the valve, especially large diameter valve installation space.
- 11.For the installation of valves using in deep well and underground pipe, deep well connecting cap or lengthening rod mechanism can be provided according to customer requirements.
- 12.Bundor company specialized intentions since 1994, has a professional production, sales, research, after-sales team, is your strong backing of sales and use.

Standard Test

Shell test

The cold test of the valve body, which is connected with the valve body and the valve cover, is carried out to test the structural strength, pressure resistance and compactness of the valve housing, including the whole housing in the fixed connection

Closure test

Test of sealing performance between valve opening and closing parts and seat seal, between valve body and valve seat

Test pressure

The display pressure of the valve lumen during the experiment

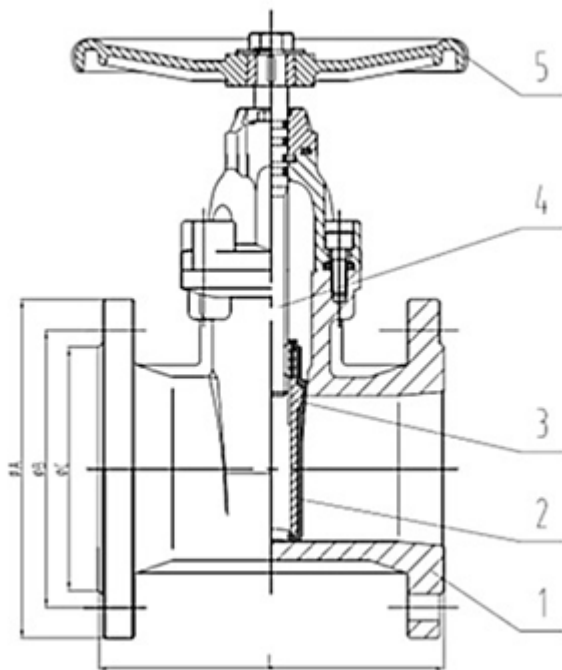
Test fluid temperature

The temperature of the liquid or gas used for the pressure test of the valve shall be in the range of 5-40 unless otherwise specified

Resilient seats

Seals made of non-metallic elastic materials, solid and semisolid lubricants, etc.

Parameters



Main components and their materials:

NUM	Name	Material
1	Stem	2Cr13
2	Gland	Ductile Iron
3	"O" Ring	NBR
4	"O" Ring	NBR
5	Splint Collar	Iron+ Electroplate
6	Gland Nuts	Steel 8.8+Wax

7	Stem Nut	Brass
8	Wedge	Ductile Iron+ EPDM
9	Bonnet	Ductile Iron
10	Nuts	Steel 8.8+Wax
11	Middle Gasket	NBR
12	Body	Ductile Iron
13	Hand wheel	Ductile Iron

Dimensions & Weight & Price :

DN	L (mm)	Flange dimensions to BS4504(mm)										WEIGHT (KG/P CS)	
		D		D1		D2		f	t	n-d			
		1	1.6	1	1.6	1	1.6			1	1.6	NRS	RS
		MPa	MPa	MPa	MPa	MPa	MPa			MPa	MPa		
50	178	160		125		99		3	17	4-18		10	11.5
65	190	180		145		118		3	17	4-18		12.5	14
80	203	195		160		132		3	18	8-18		16.5	18.5
100	229	215		180		156		3	19	8-18		20.5	23
125	254	245		210		184		3	20	8-18		27	31
150	267	280		240		211		3	21	8-22		40	44
200	292	335		295		266		3	20	8-22	12-22	60	65
250	330	390	400	350	355	319		3	22	12-22	12-26	95	101
300	356	440	455	400	410	370		4	24.5	12-22	12-26	128	136
350	381	500	510	460	470	429		4	26.5	16-22	16-26	175	185
400	406	560	575	515	525	480		4	28	16-26	16-30	230	245
450	432	615	640	565	585	530	548	4	30	20-26	20-30	330	350
500	457	670	715	620	650	582	609	4	31.5	20-26	20-33	390	425
600	508	780	840	725	770	682	720	5	36	20-30	20-36	580	610



DIN 3352 F4 Resilient Seated Flanged Gate Valves

Size Range: 2"-48"/DN50-DN1200

Pressure: 10K

Body Materials: DI

Seat Materials: NBR/EPDM/PTFE

Disc Materials: DI+NBR/EPDM/PTFE

Stem Materials: 45#/2Cr13/ 304/316stainless steel

Introduction

Product introduction

The valves disc is rubber-packed to get excellent sealing effect by the rubber's resilient deformation.

Non-rising resilient seated gate valves solve the problem in general gate valves such as leakage, rusting etc. and saves installation space. It is used widely in tap water industry, sewage treatment, shipping construction, petroleum, chemicals, food, pharmacy, textile, electric power, metallurgy and energy system's pipeline to adjust and shut off fluids.

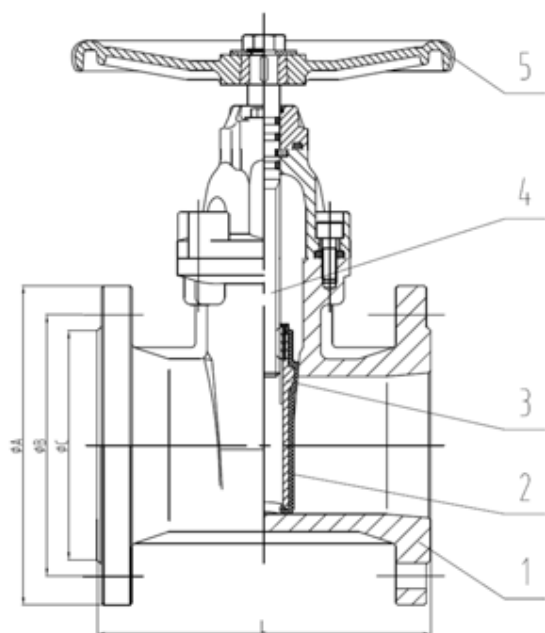
Product Features

- Low torque operation
- Rubber encapsulated wedge
- Clockwise closing direction
- Fusion bonded epoxy coated inside and outside

Product Advantages

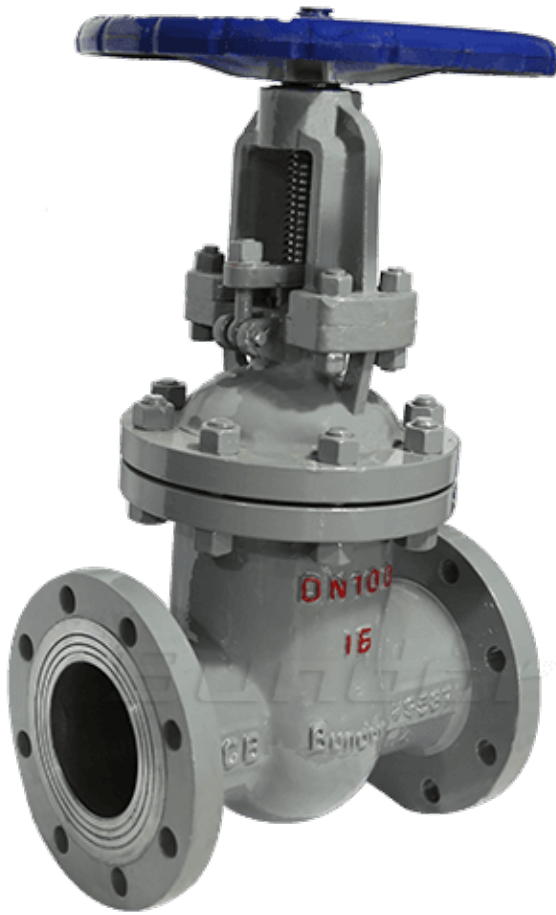
- 1.The body is ductile iron,high level than national stanard.Tensile strength is 450Mpa , elongation is large than 10% , can not be broken easily when transport.
- 2. Both inner and out part is epoxy coating, the thickness is 250μm minimum,can prevent rust well,can be used in sewage system.
- 3.The wedge is coated with EPDM, the EPDM proportion can reach 50% , steable and good resilient.
- 4. 3 O rings are used on 2Cr13 stem,can reduce friction , prevent leakage,can change sealing ring with stop water.
- 5.The stem use brass, operate easily,prevent block.
- 6.Every link, from workblank to the finished product packaging will be inspected strickly.
- 7.BUNDOR Product quality is covered by China Pacific Insurance with two million dollors. Bundor Valve, Two Years Warranty, Pay Two Back If One Bad. Any quality problems of the product itself, we will pay without conditions.

Parameters



DN	NPS (Inch)	L	ΦA	ΦB	ΦC
----	--------------	---	----	----	----

50	2"	150	165	125	102
65	2 1/2"	170	185	145	122
80	3"	180	200	160	138
100	4"	190	220	180	158
125	5"	200	250	210	188
150	6"	210	285	240	212
200	8"	230	340	295	268
250	10"	250	405	355	320
300	12"	270	460	410	378
350	14"	290	520	470	438
400	16"	310	580	525	490
450	18"	330	640	585	550
500	20"	350	715	650	610
600	24"	390	840	770	725
700	28"	430	910	840	795
800	32"	470	1025	950	900
900	36"	510	1125	1050	1000
1000	40"	550	1255	1170	1115
1200	48"	630	1485	1390	1330



Cast Steel Outside Stem Gate Valve

Size Range: 1"-24"/DN25-600

Pressure: 10K/PN16

Body Materials: WCB

Seat Materials: Cr stainless steel

Disc Materials: WCB+2Cr13stainless steel

Stem Materials: 2Cr13stainless steel

Introduction

Features:

Medium used: Water, steam, oil.

Suitable temperature : - 29-425 degrees Celsius

Application field : Municipal construction, chemical industry, water treatment, electricity, petroleum, water supply and drainage, water conservancy projects.

Product advantages:

1.Precision casting valve body, refined appearance

The valve body is made of WCB material with delicate appearance. Each batch of casting has a special mark, which is convenient for production tracking and inspection.

2.After the appearance of processing again, more beautiful

The internal part numerical control lathe machining, carries on the second processing, causes the appearance to be more beautiful.

3.Seats wear better

The seat adopts Cr stainless steel and surfacing 507 molybdenum to increase the wear resistance of the seat.

4.Cover valve stem inverted seal disposal to prevent leakage

Do inverted seal on the contact between cover and stem to prevent leakage.

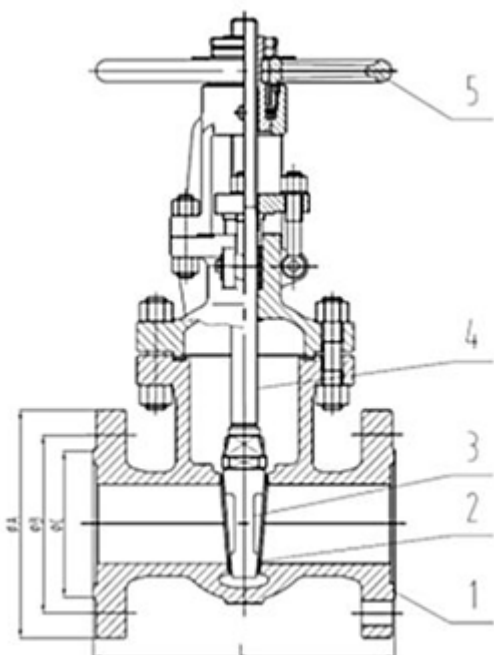
5.Pressure test of valve stem before delivery

Each valve must do double pressure test of valve body and seal according to strict standard.

6.Carry out quality inspection for many times and ensure quality

Strict quality inspection is carried out in every link from parts to finished product packaging.

Parameters



DN	NPS	L	ΦA	ΦB	ΦC	L	ΦA	ΦB	ΦC	L	ΦA	ΦB	ΦC	L	ΦA	ΦB	ΦC
25	1"	160	115	85	65	160	115	85	65	160	115	85	65	210	135	100	78
32	1 1/4"	180	135	100	78	180	135	100	78	180	135	100	78	230	150	110	82
40	1 1/2"	200	145	110	85	200	145	110	85	200	145	110	85	240	165	125	96
50	2"	250	160	125	100	250	160	125	100	250	160	125	100	250	175	135	105
65	2 1/2"	265	180	145	120	265	180	145	120	280	180	145	120	280	200	160	130
80	3"	280	195	160	135	280	195	160	135	310	195	160	135	310	210	170	140
100	4"	300	215	180	155	300	230	190	160	350	230	190	160	350	250	200	168
125	5"	325	245	210	185	325	270	220	188	400	270	220	188	400	296	240	202
150	6"	350	280	240	210	350	300	250	218	450	300	250	218	450	340	280	240
200	8"	400	335	295	265	400	360	310	278	550	375	320	282	550	405	345	300
250	10"	450	405	355	320	450	425	370	332	650	445	385	345	650	470	400	352
300	12"	500	460	410	375	500	485	430	390	750	510	450	408	750	530	460	412
350	14"	550	520	470	435	550	550	490	448	850	570	510	465	850	595	525	475
400	16"	600	580	525	485	600	610	550	505	950	655	585	535	950	970	585	525
450	18"	650	640	585	545	650	660	600	555	1050	680	610	560	1050	715	630	570
500	20"	700	705	650	608	700	730	660	610	1150	755	670	612	1150	800	705	640
600	24"	800	840	770	718	800	840	770	718	1350	890	795	730	1350	930	820	750



Stainless Steel Thread Gate Valve

Size Range: DN15-DN100

Pressure: PN16

Body Materials: CF8

Stem Materials: 304

Cover materials: CF8

Introduction

The opening and closing part of the stainless steel threaded gate valve is a plug-shaped valve disc, the sealing surface is flat or conical, and the valve disc moves linearly along the center line of the fluid. The structure is simple, the maintenance are more convenient, and the working stroke is small, the opening and closing time is short. Good sealing performance, small friction between the sealing surfaces, and long life.

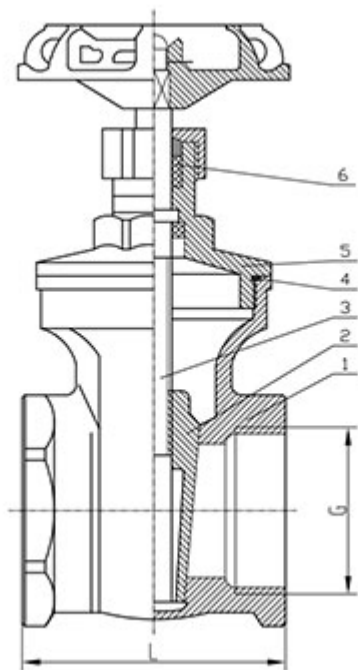
Features:

Applicable medium : Water, steam, oil etc.
Suitable temperature : -20°C ~ 180°C
Application field : Water treatment, food, electric power, petrochemical industry, etc.

Product advantages:

- 1. The chemical composition and mechanical properties of the main material meet the requirements of the national regulations, 100% guaranteed for laboratory testing.
- 2. All valve bodies and parts are processed by CNC machine tools to ensure product accuracy.
- 3. Use kerosene and anti-rust oil to clean the entire product by high-pressure spray before assembly. After pressure test, clean the pressure test medium and spray with anti-rust oil. The cleanliness of the inner cavity meets the requirements of JB/T7748 standard and meets the long-term storage requirements of valves.
- 4. Each valve will be tested for pressure in accordance with national standards before leaving the factory, unqualified products will never leave the factory.
- 5. Each valve adopts special waterline blocking to prevent damage of connecting surface when transport.
- 6. G thread, NPT thread, BSP and other customized threads can be provided according to customer requests.

Parameters



Executive standard :

Name	Design and manufacture	Pressure Test
Reference standard	GB/T 12234	GB/T 13927

Material of Main Parts:

Name	1-Body	2-Wedge	3- Stem	4-Gasket	5-Bonnet
Material	CF8	CF8	304	PTFE	CF8

Dimensions :

DN	G	L
15	1/2"	52
20	3/4"	57
25	1"	61
32	1 1/4"	70
40	1 1/2"	74
50	2"	83
65	2 1/2"	106
80	3"	118
100	4"	129



AWWA C515/C509 Resilient Seat Gate Valve

Size Range: DN50-DN1200

Pressure: Class 150

Body Materials: DI

Seat Materials: EPDM

Disc Materials: DI+EPDM

Stem Materials: 2Cr13

Introduction

Suitable Medium : Fresh water, sewage, sea water, acid, etc.

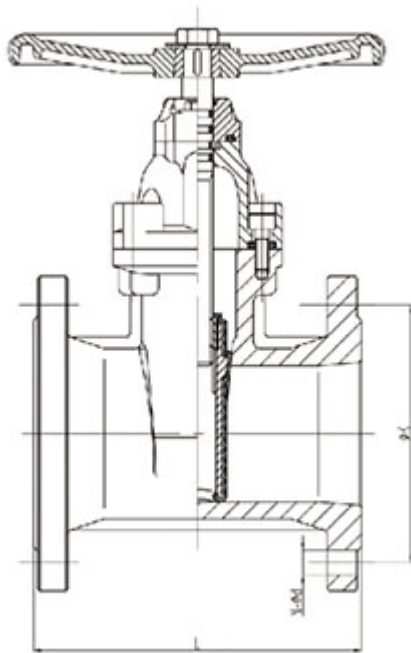
Working Temperature: -20°C ~ 120°C

Application field : Municipal construction, water conservancy projects, oil products, water supply and drainage, water treatment.

Product Advantages

1. Level-3 spheroidization rate of valve body.Tensile strength is 450Mpa, elongation rate is higher than 10%.
2. Epoxy coating for both valve inside and outside. Over 250μm coating thickness.
3. 50% rubber content EPDM coated DI wedge.The rubber is firmly coated with wedge, which is not easy to fall off.
4. 2Cr13 valve stem. Three O-ring sealing design. Replace the sealing ring without stopping service.
5. Brass stem nut and positioning device, switch smoother and avoids jamming during operation.

Parameters



Executive Standard					
Name	Design and manufacture	Face to face Length	Pressure Test	End flange	
Reference standard	AWWA C515-2009	ASME B16.10	API 598	ASME B16.1	

Material of Main Parts					
Name	Body	Seat	Disc	Stem	Actuator
Material	DI	EPDM	DI+EPDM	2Cr13	Handwheel
Optional	DI	NBR/Food Grade EPDM	DI+NBR/Food Grade EPDM	45#/304/316	Gear/Motorized /Pneumatic
Dimensions					
size					
DN	NPS(Inch)	L	ΦK	N-Φd	
DN50	2"	178	120.7	4-Φ19	
DN65	2.5"	190	139.7	4-Φ19	
DN80	3"	203	152.4	4-Φ19	
DN100	4"	229	190.5	8-Φ19	
DN125	5"	254	215.9	8-Φ22.4	
DN150	6"	267	241.3	8-Φ22.4	
DN200	8"	292	298.4	8-Φ22.4	
DN250	10"	330	361.9	12-Φ25.4	
DN300	12"	356	431.8	12-Φ25.4	
DN350	14"	381	476.2	12-Φ28.4	
DN400	16"	406	539.7	16-Φ28.4	
DN450	18"	432	577.8	16-Φ31.8	
DN500	20"	457	635.0	20-Φ31.8	
DN600	24"	508	749.3	20-Φ35.1	
DN700	28"	610	863.6	28-Φ35.1	
DN800	32"	711	977.9	28-Φ41.1	
DN900	36"	711	1085.8	32-Φ41.1	
DN1000	40"	813	1200.2	38-Φ41.1	
DN1200	48"	864	1422.4	44-Φ41.1	



Electric Gate Valve

Size Range: DN50-DN1200

Pressure: PN16/150LB

Body Materials: DI

Seat Materials: Rubber/Cr Stainless steel /304/316

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/

Stem Materials: 2Cr13/304/316

Introduction

The top-mounted structure of the electric soft-sealed gate valve reduces the connecting bolts of the valve body, enhances the reliability of the valve and can overcome the influence of the weight of the system on the normal operation of the valve.

It overcomes the defects of general gate valve such as poor sealing, elastic fatigue and easy corrosion. It uses the compensation effect of the elastic gate plate to produce a small amount of deformation to achieve a good sealing effect. It has the obvious advantages of light switch, reliable sealing, good elastic memory and long service life.

Features:

Applicable medium : Water, steam, oil, etc.

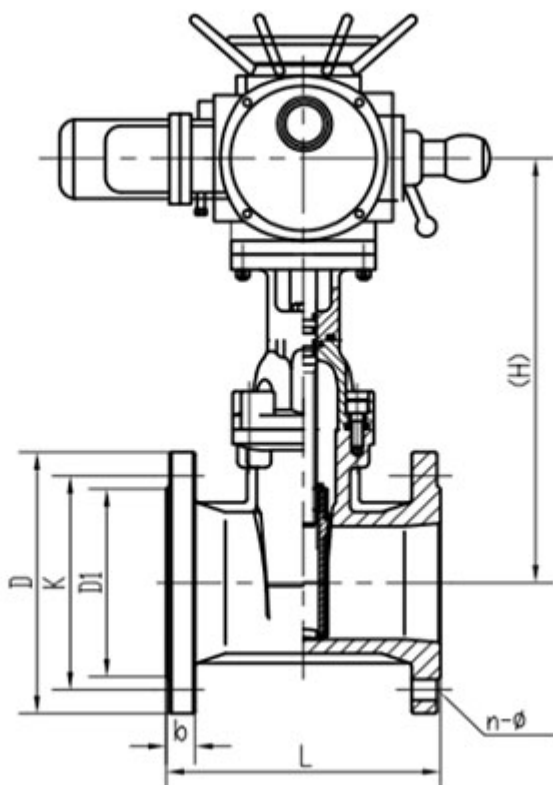
Suitable temperature : 0 ~ 80°C

Application field : Electricity, construction, environmental protection, water treatment, water supply and drainage, etc.

Product advantages:

1. QT450-10 ductile iron body, 3 levels spheroidization rate, the tensile strength is 450MPa, the extension rate is over 10%. It is not easy to crack and freeze crack.
2. Epoxy coating for both valve inside and outside. Over 250μm coating thickness. Effectively prevent valve body corrosion and rust. It can be used in sewage system.
3. 50% rubber content EPDM coated DI wedge. The rubber is firmly coated with wedge, which is not easy to fall off.
4. 2Cr13 valve stem. Three O-ring sealing design. Reduce frictional resistance when switching, avoid medium exposure.
5. Brass stem nut and positioning device, switch smoother and avoids jamming during operation.
6. IP65 protection level electric actuator .

Parameters



Optional	Body	Seat	Disc	Stem	Actuator
	DI/WCB/CF3/ CF3M/CF8/ CF8M	Rubber/Cr Stainless steel /304/316	DI/WCB/CF3/ CF3M/CF8 /CF8M/	2Cr13/304/316	Handle wheel/ Bevel gear/ Electric/ Pneumatic

Name	Design and manufacture	Face to face Length	Pressure Test	Top Flange
Reference standard	CJ/T 216 ANSI C515	GB/T 12221 ASME B16.10	CJ/T 216 API 598	GB/T 17241.6 ASME B16.1

Name	1-Body	2-Wedge	3-Stem	4-Electric actuator
Material	DI	DI+EPDM	2Cr13	component

Nominal size			PN16		150LB	
DN	NPS (inches)	L	K	n-φ	K	n-φ
50	2"	178	125	4-19	120.7	4-19
65	2 1/2"	190	145	4-19	139.7	4-19
80	3"	203	160	8-19	152.4	4-19
100	4"	229	180	8-19	190.5	8-19
125	5"	254	210	8-19	215.9	8-22
150	6"	267	240	8-23	241.3	8-22
200	8"	292	295	12-23	298.5	8-22
250	10"	330	355	12-26	362	12-25
300	12"	356	410	12-26	431.8	12-25
350	14"	381	470	16-26	476.3	12-29
400	16"	406	525	16-30	539.8	16-29
450	18"	432	585	20-30	577.9	16-32
500	20"	457	650	20-34	635	20-32
600	24"	508	770	20-37	749.3	20-35
700	28"	610	840	24-37		
800	32"	660	950	24-40		

900	36"	711	1050	28-40		
1000	40"	811	1170	28-43		
1200	48"	1015	1390	32-49		



Stainless Steel Gate Valve

Size Range: DN50-DN400

Pressure: PN16/150LB

Body Materials: SS304

Seat Materials: SS/alloy steel

Disc Materials: CF3/ CF3M/CF8/CF8M

Stem Materials: 2Cr13/ 304/316

Introduction

The wedge is the opening and closing parts of gate valve , the wedge direction of motion is perpendicular to fluid direction. The gate valve can't adjust or throttled ,it is can only be full open and close. The wedge has two seals and the seals form a wedge. Stainless steel gate valve including SS304 and SS316 etc. It is widely used in chemical, medicine, food machinery and other industry.

Features:

Applicable medium : Water、 Weak corrosive medium etc.

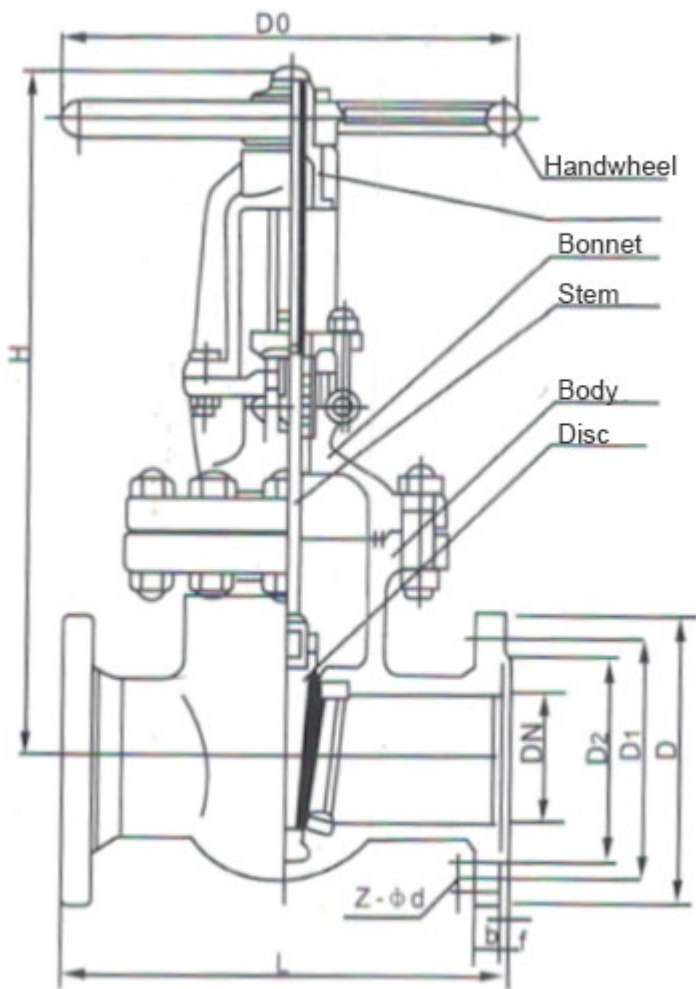
Suitable temperature : 0-325°C

Application field : Water treatment, petrochemical, food and medicine, electric energy, metallurgy, etc.

Product advantages:

- 1. Precision casting valve body, smooth appearance, 2 times shot blasting after appearance processing, no trachoma.
- 2. CNC lathe processing of internal parts, guaranteed accuracy.
- 3. Heavy type valve body.
- 4. Inverted seal treatment of contact surface between bonnet and stem to avoid leakage.
- 5. The corrosion resistance was improved due to the body adopt pickling passivation treatment.
- 6. Each valve will be inspected for shell and seal pressure before leaving factory.

Parameters



Optional	Body	Seat	Disc	Shaft	Actuator	Pressure
	CF3/ CF3M/CF8/ CF8M	SS/alloy steel	CF3/ CF3M/CF8/C F8M	2Cr13/ 304/316	Handwheel/ Bevel Gear/ Motorized/	PN16/PN25 /PN40/150LB

					Pneumatic	
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Name	Design	Face to Face	Pressure Test	Connect Flange
Reference standard	GB/T 12234 API 600	GB/T 12221 ASME B16.10	GB/T 13927 API 598	JB/T 79 ASME B16.5

Name	Body	Disc	Stem	Seat	Handwheel
Material	304	304	304	304	DI

DN		PN16				150LB			
DN	NPS (英寸)	L	D	D1	Z-φd	L	D	D1	Z-φd
50	2"	250	160	125	4-18	178	152	120.5	4-19
65	2 1/2"	265	180	145	4-18	190	178	139.5	4-19
80	3"	280	195	160	8-18	203	190	152.5	4-19
100	4"	300	215	180	8-18	229	229	190.5	8-19
125	5"	325	245	210	8-18	254	254	216	8-22
150	6"	350	280	240	8-22	267	279	241.5	8-22
200	8"	400	335	295	12-22	292	343	298.5	8-22
250	10"	450	405	355	12-26	330	406	362	12-25
300	12"	500	460	410	12-26	356	483	432	12-25
350	14"	550	520	470	16-26	381	533	476	12-29
400	16"	600	580	525	16-30	406	597	540	16-29



Pneumatic Knife Gate Valve

Size Range: DN50-DN300

Pressure: PN10

Body Materials: WCB

Seat Materials: EPDM

Disc Materials: Rubber/Stainless Steel/Hard Alloy/PTFE

Stem Materials: 2Cr13/304

Introduction

Knife gate valve is also named slurry valve, mud valve. Its opening and closing part is a gate. The medium is cut by a blade-shaped gate that can cut fiber materials; It rises and falls in the side guide groove, and is pressed against the valve seat by the lugs at the bottom. If a higher medium tightness is required, an O-shaped sealing valve seat can be used to achieve two-way sealing. The knife gate valve has a small installation space, low working pressure, long service life and simple maintenance.

Suitable Medium : Molasses, pulp, sewage, coal pulp, ash, slag water mixture.

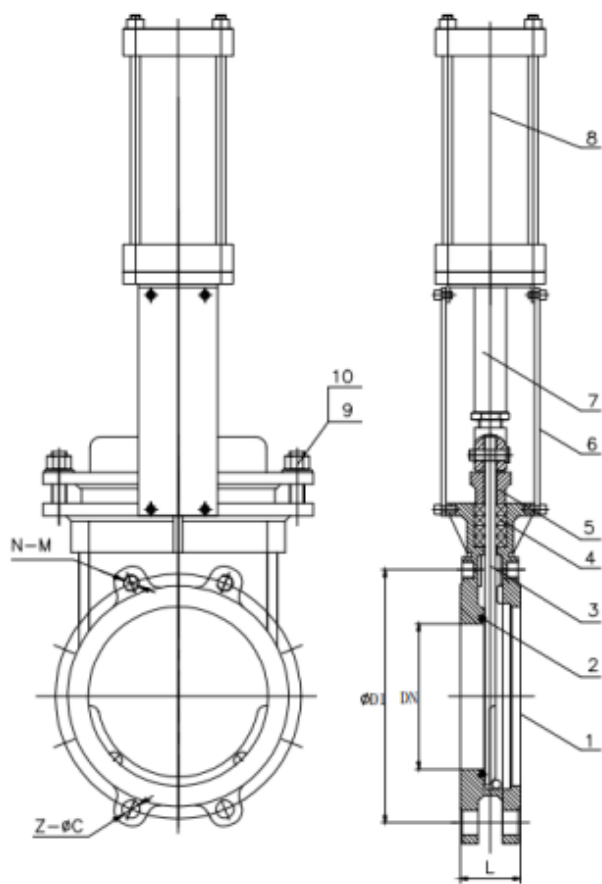
Working Temperature: 0°C ~ 80°C

Application field : Chemistry, water treatment, coal power plants, food, paper, petroleum.

Product Advantages

- 1. Precision casting valve body, fine appearance, no trachoma.
- 2. Valve wedge is burnished smoothly 3 times and polished 5 times to ensure the sealing performance.
- 3. Valve stem is equipped with bearing to reduce friction.
- 4. Rubber coated PTFE packing seal, which can increase the elasticity and reduce the leakage of upper seal.
- 5. U-shaped sealing ring of the seat to ensure the strong conbation between valve seat and body.
- 6. Each valve will be tested shell and sealing pressure before leaving factory.
- 7. 250 μm epoxy coating, it can effectively prevent corrosion and rust.
- 8. The protection level of pneumatic actuator is IP67.

Parameters



Parameter Information :

Optional	1	2	3	7	8
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Body	Seat	Wedge	Stem	Actuator
DI/WCB/CF3/ CF3M/CF8/ CF8M	Rubber/Stainles s Steel/Hard Alloy/PTFE	WCB/201/CF3/ CF3M/CF8/ CF8M	2Cr13/304	Pneumatic actuator

Executive standard :

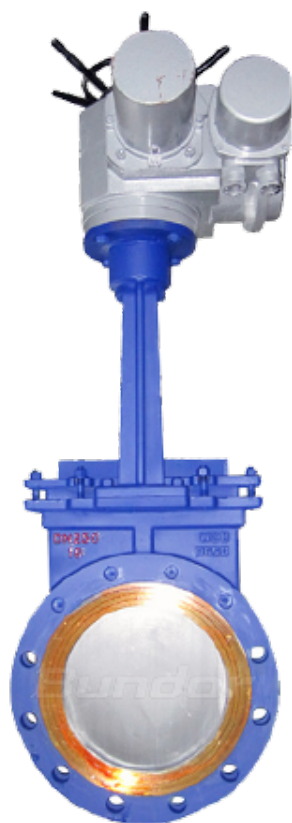
Name	Design and manufacture	Face to face Length	Pressure Test	End Flange
Reference Standard	JB/T 8691-2013 MSS SP-81	GB/T 12221-2005 MSS SP-81	GB/T 13927-2008	GB/T 9113-2010 DIN EN 1092-1 ASME B16.5

Material of Main Parts:

Name	1-Body	2-Seat	3-Wedge	7-Stem	8-Actuator
Material	WCB	EPDM	SS304	SS420	Pneumatic actuator

Dimensions :

Size			PN10			PN16			150LB		
DN	NPS(inch)	L	D1	N-M	Z-φC	D1	N-M	Z-φC	D1	N-UNC	Z-φC
50	2"	48	12 5	2-M1 6	2-φ1 8	12 5	2-M1 6	2-φ1 8	120. 7	2-UNC5/8-1 1	2-φ1 9
65	2 1/2"	48	14 5	2-M1 6	2-φ1 8	14 5	2-M1 6	2-φ1 8	139. 7	2-UNC5/8-1 1	2-φ1 9
80	3"	51	16 0	2-M1 6	2-φ1 8	16 0	2-M1 6	2-φ1 8	152. 4	2-UNC5/8-1 1	2-φ1 9
100	4"	51	18 0	2-M1 6	2-φ1 8	18 0	2-M1 6	2-φ1 8	190. 5	2-UNC5/8-1 1	2-φ1 9
125	5"	57	21 0	2-M1 6	2-φ1 8	21 0	2-M1 6	2-φ1 8	215. 9	2-UNC3/4-1 0	2-φ2 2
150	6"	57	24 0	2-M2 0	2-φ2 2	24 0	2-M2 0	2-φ2 2	241. 3	2-UNC3/4-1 0	2-φ2 2
200	8"	70	29 5	2-M2 0	2-φ2 2	29 5	2-M2 0	2-φ2 2	298. 5	2-UNC3/4-1 0	2-φ2 2
250	10"	70	35 0	4-M2 0	2-φ2 2	35 5	4-M2 4	2-φ2 6	362	4-UNC7/8-9	2-φ2 5
300	12"	76	40 0	4-M2 0	2-φ2 2	41 0	4-M2 4	2-φ2 6	431. 8	4-UNC7/8-9	2-φ2 5



Electric Knife Gate Valve

Size Range: DN50-DN300

Pressure: PN10

Body Materials: WCB

Seat Materials: EPDM

Disc Materials: Rubber/Stainless Steel/Hard Alloy/PTFE

Stem Materials: SS420

Introduction

Knife gate valve is also named slurry valve, mud valve. Its opening and closing part is a gate. The medium is cut by a blade-shaped gate that can cut fiber materials; It rises and falls in the side guide groove, and is pressed against the valve seat by the lugs at the bottom. If a higher medium tightness is required, an O-shaped sealing valve seat can be used to achieve two-way sealing. The knife gate valve has a small installation space, low working pressure, long service life and simple maintenance.

Suitable Medium : Molasses, pulp, sewage, coal pulp, ash, slag water mixture.

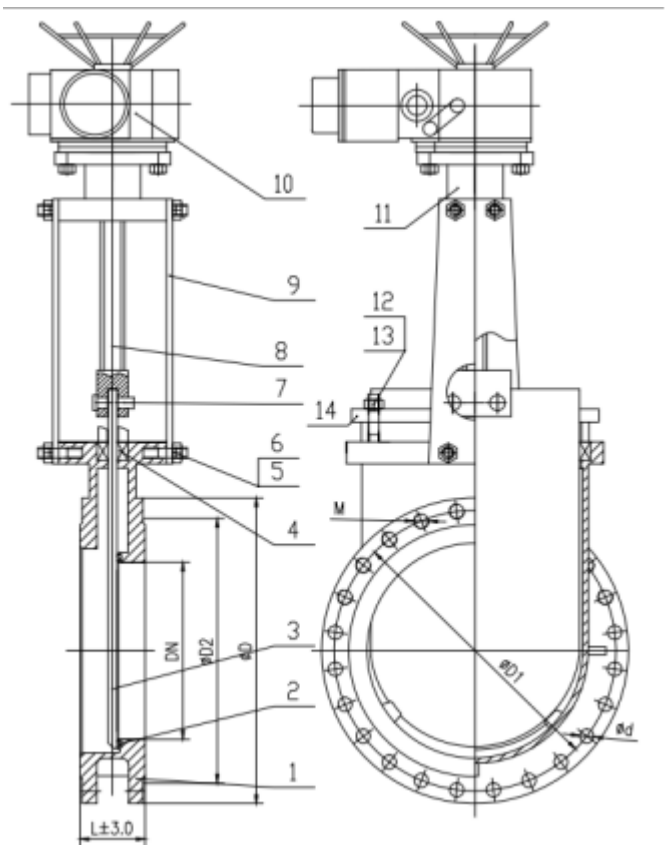
Working Temperature: 0°C ~ 80°C

Application field : Chemistry, water treatment, coal power plants, food, paper, petroleum.

Product Advantages

- 1. Precision casting valve body, fine appearance, no trachoma.
- 2. Valve wedge is burnished smoothly 3 times and polished 5 times to ensure the sealing performance.
- 3. Valve stem is equipped with bearing to reduce friction.
- 4. Rubber coated PTFE packing seal, which can increase the elasticity and reduce the leakage of upper seal.
- 5. U-shaped sealing ring of the seat to ensure the strong conbation between valve seat and body.
- 6. Each valve will be tested shell and sealing pressure before leaving factory.
- 7. 250 μm epoxy coating, it can effectively prevent corrosion and rust.
- 8. The protection level of electric actuator is IP67.

Parameters



Optional	1	2	3	7	11
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Body	Seat	Wedge	Stem	Actuator
DI/WCB/CF3/ CF3M/CF8/ CF8M	Rubber/Stainles s Steel/Hard Alloy/PTFE	WCB/201/CF3/ CF3M/CF8/ CF8M	2Cr13/304	Handwheel/Gea r/Motorized /Pneumatic

Name	Design and manufacture	Face to face Length	Pressure Test	End Flange
Reference Standard	JB/T 8691-2013 MSS SP-81	GB/T 12221-2005 MSS SP-81	GB/T 13927-2008	GB/T 9113-2010 DIN EN 1092-1 ASME B16.5

Name	1-Body	2-Seat	3-Wedge	8-Stem	10-Actuator
Material	WCB	EPDM	SS304	SS420	Electric

Size			PN10			PN16			150LB		
DN	NPS (inch)	L	D1	N-M	Z-φd	D1	N-M	Z-φd	D1	N-UNC	Z-φd
50	2"	48	12 5	2-M1 6	2-φ1 8	12 5	2-M1 6	2-φ1 8	120. 7	2-UNC5/8- 11	2-φ1 9
65	2 1/2"	48	14 5	2-M1 6	2-φ1 8	14 5	2-M1 6	2-φ1 8	139. 7	2-UNC5/8- 11	2-φ1 9
80	3"	51	16 0	2-M1 6	6-φ1 8	16 0	2-M1 6	6-φ1 8	152. 4	2-UNC5/8- 11	2-φ1 9
100	4"	51	18 0	2-M1 6	6-φ1 8	18 0	2-M1 6	6-φ1 8	190. 5	2-UNC5/8- 11	6-φ1 9
125	5"	57	21 0	2-M1 6	6-φ1 8	21 0	2-M1 6	6-φ1 8	215. 9	2-UNC3/4- 10	6-φ2 2
150	6"	57	24 0	2-M2 0	6-φ2 2	24 0	2-M2 0	6-φ2 2	241. 3	2-UNC3/4- 10	6-φ2 2
200	8"	70	29 5	2-M2 0	6-φ2 2	29 5	4-M2 0	8-φ2 2	298. 5	2-UNC3/4- 10	6-φ2 2
250	10"	70	35 0	4-M2 0	8-φ2 2	35 5	4-M2 4	8-φ2 6	362	4-UNC7/8- 9	8-φ2 5
300	12"	76	40 0	4-M2 0	8-φ2 2	41 0	4-M2 4	8-φ2 6	431. 8	4-UNC7/8- 9	8-φ2 5

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