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Wafer Butterfly Valve With Worm Gear

Size Range: DN65

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Cast Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

6. No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

9. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

10. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters

Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Worm Gear	
Material	CI		EPDM			DI			420			IP65	
Size		L	L1	L2	ΦD0	PN10		PN16		Class150		JIS 10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19
125	5"	56	125	193	171	210	8-Φ18	210	8-Φ18	215.9	8-Φ22.4	210	8-Φ23
150	6"	56	145	209	200	240	8-Φ22	240	8-Φ22	241.3	8-Φ22.4	240	8-Φ23
200	8"	60	170	251	256	295	8-Φ22	295	12-Φ22	298.4	8-Φ22.4	290	12-Φ23
250	10"	68	213	283	311	350	12-Φ22	355	12-Φ26	361.9	12-Φ25.4	355	12-Φ25
300	12"	78	240	315	364	400	12-Φ22	410	12-Φ26	431.8	12-Φ25.4	400	16-Φ25



Wafer Type Pneumatic Butterfly Valve

Size Range: 2"-44"/DN50-DN1200

Pressure: 5K/10K/150LB

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

Introduction

Adoptive Standards

Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Product Advantage

1. Bundor Valve patent product , Patent Number : 201510315321.5 ; 201520267217.9 , The product side flange complies with many national and international standards such as GB, DIN, GOST, ANSI, BS, JIS, etc.
2. Valve body procurement QT450-10 material, spheroidization rate of 3 or more, mechanical properties fully up to standard, tensile strength 450Mpa, elongation rate greater than 10%, not easy to crack, crack
3. The valve body is solid body, the same DN weight is heavier than other manufacturers
4. Seat rubber uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.
5. The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250μm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months ;
6. Pneumatic head adopts double-piston rack structure, precise meshing, high efficiency and constant output torque.
7. The cylinder body is an extruded aluminum alloy and hard anodized. The inner surface has a hard texture and high strength and hardness. The use of low-friction materials made of sliding bearings, to avoid direct contact between the metal, low friction coefficient, flexible rotation, long service life
8. Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Ruderland is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.
9. Every Ruide product has its own two-dimensional code identification from the accessories to the finished product, the unique ID ID number, to ensure that the product can be traced
10. The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.
11. Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Within two years, one is lost and one is lost. The quality of the product is unconditional.

Standard Test

Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

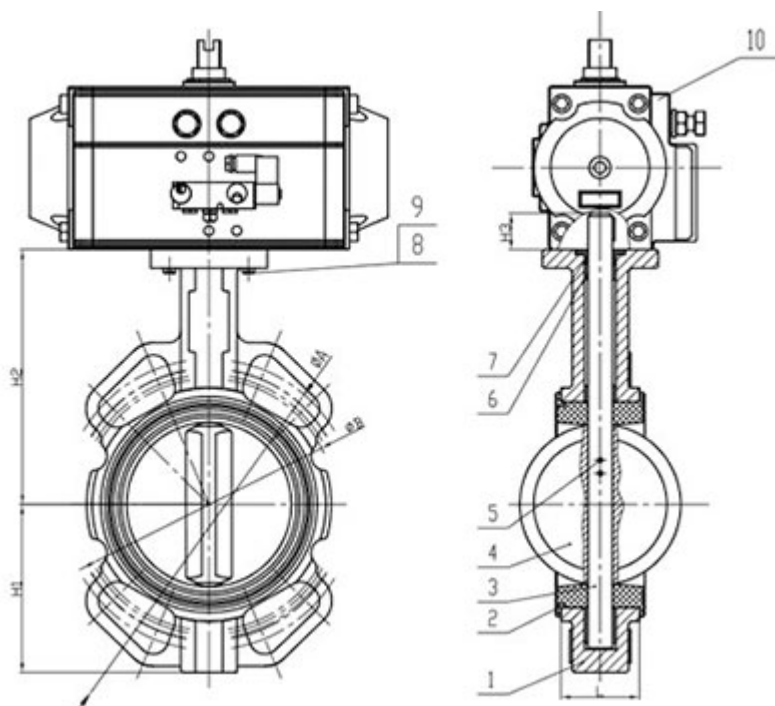
Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever /

Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (inch)	H1	H2	H3	ØA	ØB	L
DN50	2"	75	129	32	125	105	43
DN65	2.5"	82	136	32	145	127	46
DN80	3"	99	153	32	160	145	46
DN100	4"	110	167	32	190.5	165	52
DN125	5"	125	193	32	216	200	56
DN150	6"	145	209	32	241.3	225	56
DN200	8"	170	251	40	298.4	280	60
DN250	10"	210	280	45	361.9	350	68
DN300	12"	240	315	45	431.8	400	78
DN350	14"	260	348	45	476.2	445	78
DN400	16"	295.5	392.5	52	540	510	102

DN450	18"	401.5	322.5	52	585	565	114
DN500	20"	451.5	362.5	64	650	620	127
DN600	24"	541.5	428.5	70	770	725	154
DN700	28"	Temporary Absence Of Data					
DN800	32"						
DN900	36"						
DN1000	40"						
DN1200	44"						



Pneumatic Actuated Butterfly Valve

Size Range: 2"-44"/DN50-DN1200

Pressure: 5K/10K/150LB

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

Introduction

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Valve Design: API 609, MSS SP-67

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Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Product Advantage

1. Bundor Valve patent product , Patent Number : 201510315321.5 ; 201520267217.9 , The product side flange complies with many national and international standards such as GB, DIN, GOST, ANSI, BS, JIS, etc.
2. Valve body procurement QT450-10 material, spheroidization rate of 3 or more, mechanical properties fully up to standard, tensile strength 450Mpa, elongation rate greater than 10%, not easy to crack, crack
3. The valve body is solid body, the same DN weight is heavier than other manufacturers
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6. Pneumatic head adopts double-piston rack structure, precise meshing, high efficiency and constant output torque.
7. The cylinder body is an extruded aluminum alloy and hard anodized. The inner surface has a hard texture and high strength and hardness. The use of low-friction materials made of sliding bearings, to avoid direct contact between the metal, low friction coefficient, flexible rotation, long service life
8. Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Ruderland is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.
9. Every Ruide product has its own two-dimensional code identification from the accessories to the finished product, the unique ID ID number, to ensure that the product can be traced
10. The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.
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Standard Test

Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

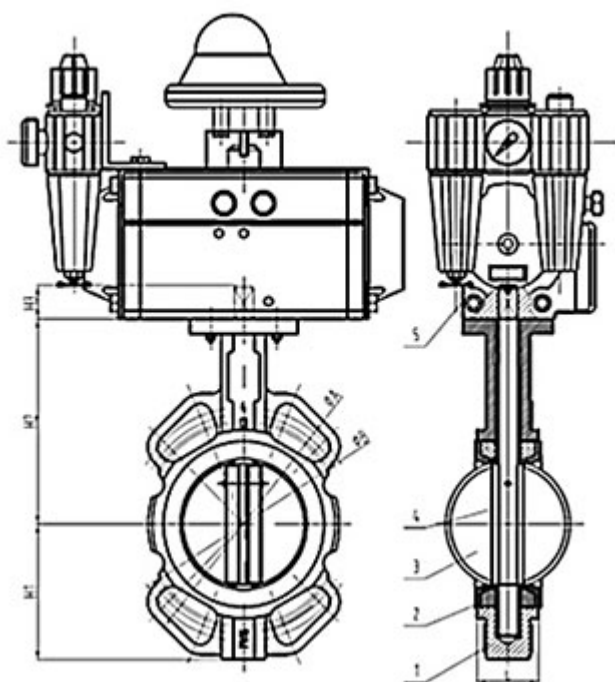
Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever /

Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (inch)	H1	H2	H3	ØA	ØB	L
DN50	2"	75	129	32	125	105	43
DN65	2.5"	82	136	32	145	127	46
DN80	3"	99	153	32	160	145	46
DN100	4"	110	167	32	190.5	165	52
DN125	5"	125	193	32	216	200	56
DN150	6"	145	209	32	241.3	225	56
DN200	8"	170	251	40	298.4	280	60
DN250	10"	210	280	45	361.9	350	68
DN300	12"	240	315	45	431.8	400	78
DN350	14"	260	348	45	476.2	445	78
DN400	16"	295.5	392.5	52	540	510	102
DN450	18"	401.5	322.5	52	585	565	114

DN500	20"	451.5	362.5	64	650	620	127
DN600	24"	541.5	428.5	70	770	725	154
DN700	28"	Temporary Absence Of Data					
DN800	32"						
DN900	36"						
DN1000	40"						
DN1200	44"						



Handle Wafer Butterfly Valve

Size Range: DN65

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Cast Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

6. No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8. The product has an independent identity to ensure traceability

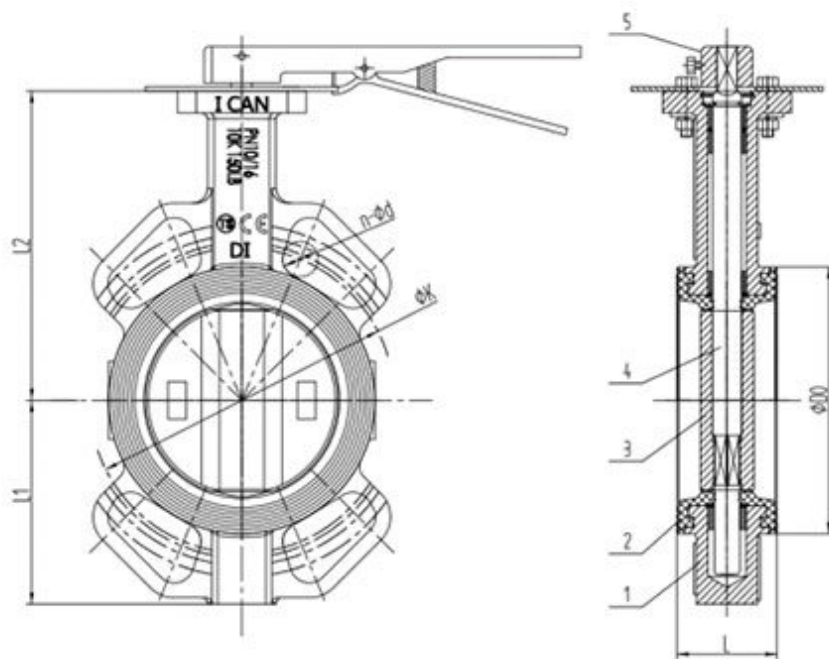
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All Bundor products can provide the material inspection report of the main parts.

10. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters



Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Handle	
Material	CI		EPDM			SS304			420			DI	
Size		L	L1	L2	ΦD	PN10		PN16		Class150		JIS10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19
125	5"	56	125	193	171	210	8-Φ18	210	8-Φ18	215.9	8-Φ22.4	210	8-Φ23
150	6"	56	145	209	200	240	8-Φ22	240	8-Φ22	241.3	8-Φ22.4	240	8-Φ23



Wafer Butterfly Valve With Iron Handle

Size Range: DN100

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Cast Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

Application field : Municipal construction, water conservancy projects, water supply and drainage, water

treatment, etc.

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

6. No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8. The product has an independent identity to ensure traceability

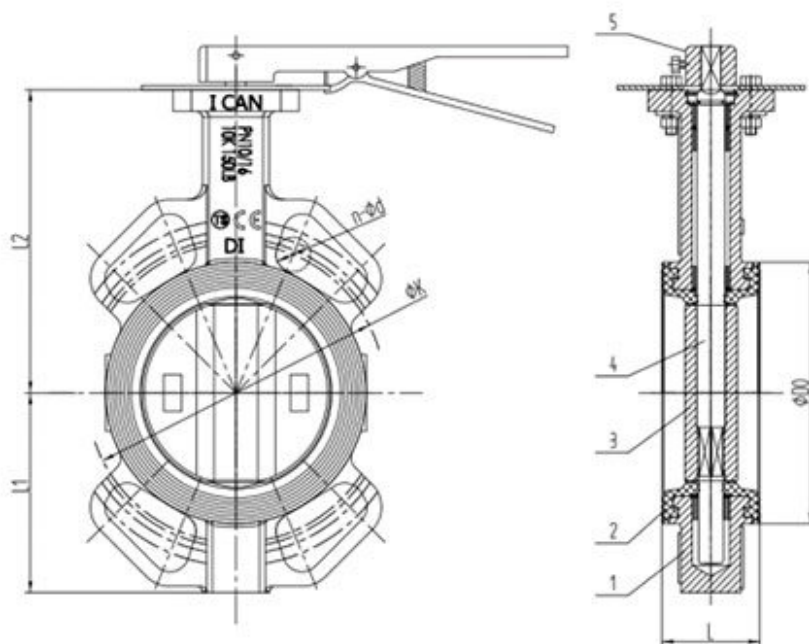
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Parameters



Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Handle	
Material	CI		EPDM			SS304			420			DI	
Size		L	L1	L2	ΦD	PN		PN		Class150		JIS10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19
125	5"	56	125	193	171	210	8-Φ18	210	8-Φ18	215.9	8-Φ22.4	210	8-Φ23
150	6"	56	145	209	200	240	8-Φ22	240	8-Φ22	241.3	8-Φ22.4	240	8-Φ23



Worm Gear Operated Wafer Type Butterfly Valve

Size Range: DN100

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Ductile Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

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Parameters

Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Worm Gear	
Material	DI		EPDM			DI			420			IP65	
Size		L	L1	L2	ΦD0	PN10		PN16		Class150		JIS 10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19
125	5"	56	125	193	171	210	8-Φ18	210	8-Φ18	215.9	8-Φ22.4	210	8-Φ23
150	6"	56	145	209	200	240	8-Φ22	240	8-Φ22	241.3	8-Φ22.4	240	8-Φ23
200	8"	60	170	251	256	295	8-Φ22	295	12-Φ22	298.4	8-Φ22.4	290	12-Φ23
250	10"	68	213	283	311	350	12-Φ22	355	12-Φ26	361.9	12-Φ25.4	355	12-Φ25
300	12"	78	240	315	364	400	12-Φ22	410	12-Φ26	431.8	12-Φ25.4	400	16-Φ25



Wafer Type Butterfly Valve With Handle

Size Range: DN80

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Cast Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

6. No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8. The product has an independent identity to ensure traceability

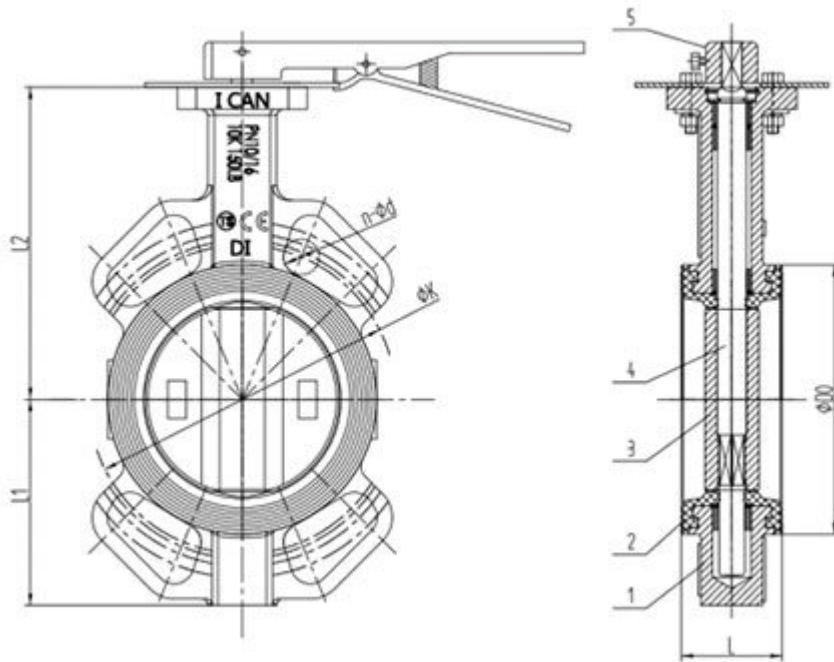
Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

9. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

10.As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters



Parts	1	2	3	4	5
Name	Body	Seat	Disc	Stem	Handle
Material	CI	EPDM	SS304	420	DI
Size	L	L1	L2	ΦD	PN
DN	NPS (inch)			ΦK	n-Φd
50	2"	43	75	12	86
65	2 1/2"	46	82	13	101
80	3"	46	99	15	121

100	4"	52	110	16 7	144	180	8-Φ1 8	180	8-Φ1 8	190.5	8-Φ19	175	8-Φ1 9
125	5"	56	125	19 3	171	210	8-Φ1 8	210	8-Φ1 8	215.9	8-Φ22. 4	210	8-Φ2 3
150	6"	56	145	20 9	200	240	8-Φ2 2	240	8-Φ2 2	241.3	8-Φ22. 4	240	8-Φ2 3



Wafer Butterfly Valve With Iron Handle

Size Range: DN100

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Ductile Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

6. No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

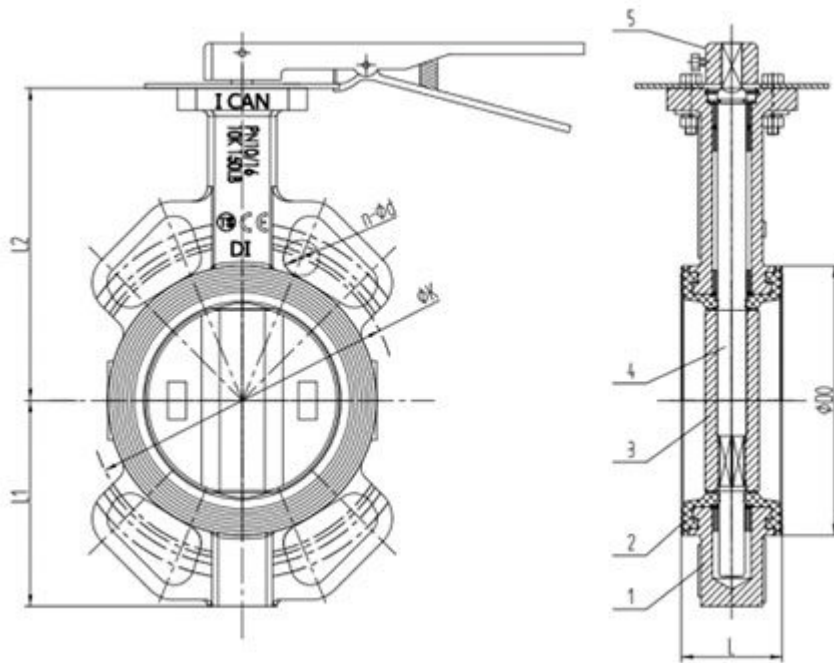
9. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

10. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be

compensated for the product's quality problem without any conditions.

Parameters



Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Handle	
Material	DI		EPDM			SS304			420			DI	
Size		L	L1	L2	ΦD	PN10		PN16		Class150		JIS10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19

125	5"	56	125	19 3	171	210	8-Φ1 8	210	8-Φ1 8	215.9	8-Φ22. 4	210	8-Φ2 3
150	6"	56	145	20 9	200	240	8-Φ2 2	240	8-Φ2 2	241.3	8-Φ22. 4	240	8-Φ2 3



Electric Actuator Wafer Butterfly Valve

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

Pressure: 5K/10K/150LB/125CLASS

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

Introduction

Adoptive Standards

Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Product Advantage

1. Bundor Valve patented product, patent number: 201510315321.5; 201520267217.9, the product side flange meets ISO, DIN, GOST, ANSI, BS, JIS and other standards, convenient connection.
2. The valve body and disc is all adopted QT450-10 material, the ball rate is above grade 3, the mechanical performance is fully up to standard, the tensile strength is 450Mpa, and the elongation rate is more than 10%. It is not easy to crack or freeze.
3. The valve body is solid body, the same caliber weight is heavier than others.
4. Seat uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.
5. The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250μm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months.
6. Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Bundor is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.
7. Every Bundor product has its own two-dimensional code identification from the accessories to the finished product, the unique ID number, to ensure that the product can be traced.
8. The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.
9. Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Pay two back if one bad within two years. The quality of the product is unconditional.

Standard Test

Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

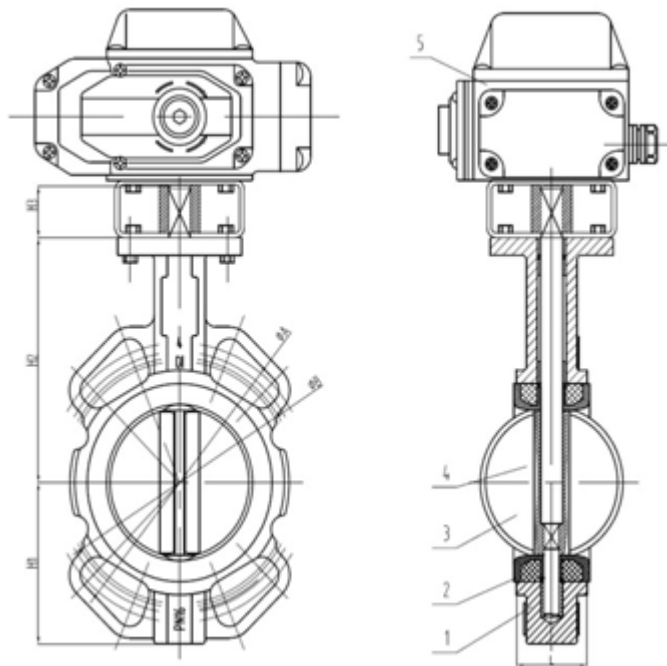
Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator

assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (Size)	H1	H2	H3	ØA	ØB	L
DN50	2"	75	129	32	125	105	43
DN65	2.5"	82	136	32	145	127	46
DN80	3"	99	153	32	160	145	46
DN100	4"	110	167	32	190.5	165	52
DN125	5"	125	193	32	216	200	56
DN150	6"	145	209	32	241.3	225	56
DN200	8"	170	251	40	298.4	280	60
DN250	10"	210	280	45	361.9	350	68
DN300	12"	240	315	45	431.8	400	78
DN350	14"	260	348	45	476.2	445	78
DN400	16"	295.5	392.5	52	540	510	102
DN450	18"	401.5	322.5	52	585	565	114
DN500	20"	451.5	362.5	64	650	620	127

DN600	24"	541.5	428.5	70	770	725	154
DN700	28"	Temporary Absence Of Data					
DN800	32"						
DN900	36"						
DN1000	40"						
DN1200	44"						



Wafer Butterfly Valve With Worm Gear

Size Range: DN65

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Ductile Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

6. No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

9. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

10. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters

Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Worm Gear	
Material	DI		EPDM			DI			420			IP65	
Size		L	L1	L2	ΦD0	PN10		PN16		Class150		JIS 10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19
125	5"	56	125	193	171	210	8-Φ18	210	8-Φ18	215.9	8-Φ22.4	210	8-Φ23
150	6"	56	145	209	200	240	8-Φ22	240	8-Φ22	241.3	8-Φ22.4	240	8-Φ23
200	8"	60	170	251	256	295	8-Φ22	295	12-Φ22	298.4	8-Φ22.4	290	12-Φ23
250	10"	68	213	283	311	350	12-Φ22	355	12-Φ26	361.9	12-Φ25.4	355	12-Φ25
300	12"	78	240	315	364	400	12-Φ22	410	12-Φ26	431.8	12-Φ25.4	400	16-Φ25



Signal Wafer Butterfly Valve

Size Range: DN100

Pressure: PN6/10/16、5/10K、CL150、Table D/E

Body Materials: Ductile Iron

Seat Materials: EPDM/NBR

Disc Materials: CF8

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1.No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

2.Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

3.The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4.Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

5.As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

6.No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7.Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8.The product has an independent identity to ensure traceability

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Parameters

Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Worm Gear	
Material	DI		EPDM			CF8			420			IP65	
Size		L	L1	L2	ΦD0	PN10		PN16		Class150		JIS 10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19
125	5"	56	125	193	171	210	8-Φ18	210	8-Φ18	215.9	8-Φ22.4	210	8-Φ23
150	6"	56	145	209	200	240	8-Φ22	240	8-Φ22	241.3	8-Φ22.4	240	8-Φ23
200	8"	60	170	251	256	295	8-Φ22	295	12-Φ22	298.4	8-Φ22.4	290	12-Φ23
250	10"	68	213	283	311	350	12-Φ22	355	12-Φ26	361.9	12-Φ25.4	355	12-Φ25
300	12"	78	240	315	364	400	12-Φ22	410	12-Φ26	431.8	12-Φ25.4	400	16-Φ25



Wafer Butterfly Valve With Worm Gear

Size Range: DN80

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Cast Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

6. No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

9. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

10. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters

Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Worm Gear	
Material	CI		EPDM			DI			420			IP65	
Size		L	L1	L2	ΦD0	PN10		PN16		Class150		JIS 10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19
125	5"	56	125	193	171	210	8-Φ18	210	8-Φ18	215.9	8-Φ22.4	210	8-Φ23
150	6"	56	145	209	200	240	8-Φ22	240	8-Φ22	241.3	8-Φ22.4	240	8-Φ23
200	8"	60	170	251	256	295	8-Φ22	295	12-Φ22	298.4	8-Φ22.4	290	12-Φ23
250	10"	68	213	283	311	350	12-Φ22	355	12-Φ26	361.9	12-Φ25.4	355	12-Φ25
300	12"	78	240	315	364	400	12-Φ22	410	12-Φ26	431.8	12-Φ25.4	400	16-Φ25



Worm Gear Operated Wafer Butterfly Valve

Size Range: DN100

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Ductile Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

6. No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8. The product has an independent identity to ensure traceability

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9. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

10. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters

Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Worm Gear	
Material	DI		EPDM			DI			420			IP65	
Size		L	L1	L2	ΦD0	PN10		PN16		Class150		JIS 10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19
125	5"	56	125	193	171	210	8-Φ18	210	8-Φ18	215.9	8-Φ22.4	210	8-Φ23
150	6"	56	145	209	200	240	8-Φ22	240	8-Φ22	241.3	8-Φ22.4	240	8-Φ23
200	8"	60	170	251	256	295	8-Φ22	295	12-Φ22	298.4	8-Φ22.4	290	12-Φ23
250	10"	68	213	283	311	350	12-Φ22	355	12-Φ26	361.9	12-Φ25.4	355	12-Φ25
300	12"	78	240	315	364	400	12-Φ22	410	12-Φ26	431.8	12-Φ25.4	400	16-Φ25



2"-8" Worm Gear Operated Butterfly Valve

Size Range: 2"-8"/DN50-DN200

Pressure: 10K/150LB

Body Materials: Ductile Iron

Seat Materials: (EPDM/NBR/PTFE) (50% adhesive content)

Disc Materials: Ductile Iron,CF8,CF8M

Stem Materials: 45#/420/304/316stainless steel

Introduction

Features:

Applicable medium : Clear water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

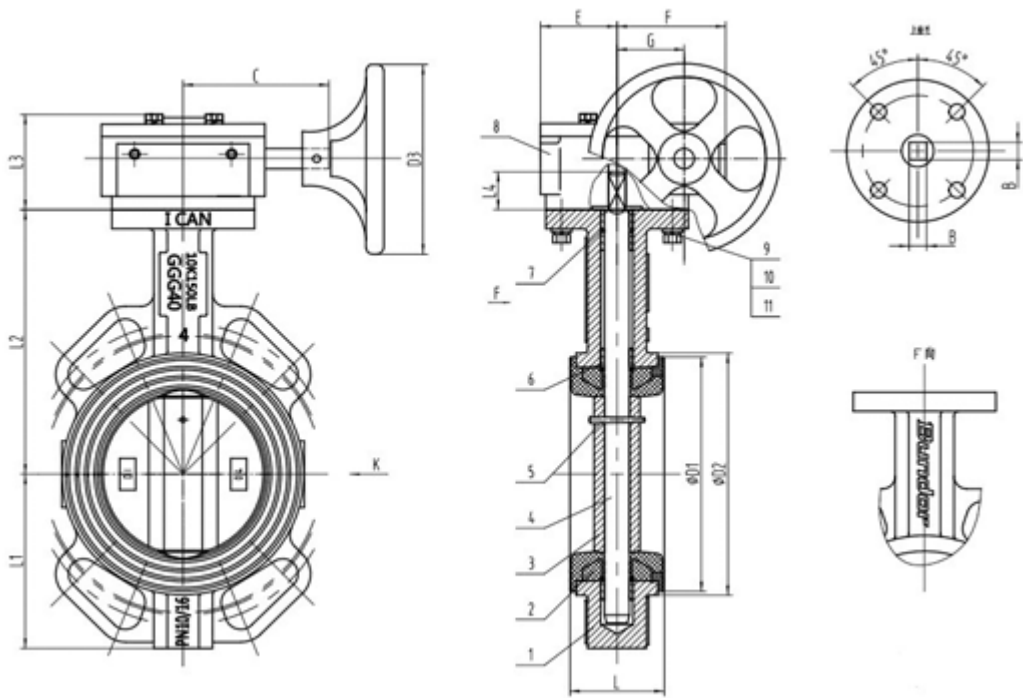
Application field : Municipal construction, water conservancy projects, water supply and drainage, water treatment, etc

Product advantages:

1. The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.
2. The thickness of valve body meets the requirement of GB 26640, and the thickness and pressure strength are guaranteed.
3. The valve body is made of qt450-10 material and has 3 grades of spheroidization rate, with stronger mechanical properties, tensile strength of 450Mpa and extension rate of more than 10%. Compared with cast iron body, the tensile strength of the same thickness is twice that of cast iron body, and the applicable working pressure is higher.
4. The seat is made of imported rubber material with 50% adhesive content. The valve sealing is reliable, the opening and closing moment is stable, the valve seat has a long service life, and the opening and closing times can reach more than 10000.
5. The seats are all wide side seats, with wider sealing cover width, easier sealing at the end of the valve and more reliable sealing. Wide edge seat facilitates valve installation, wide contact surface with flange boss on pipe, reliable sealing performance. Installation accuracy requirements are lower than narrow side seats. Seat axial with concave table, with o-ring, can realize seat axial secondary seal.
6. The valve shaft and valve body are equipped with 4 oil-free bearings and 3 o-type seals. The valve shaft supports more vigorously and the axial seal is more reliable.
7. Ultrasonic cleaning shall be carried out before packing of each valve, so as to prevent contamination and particulate impurities from remaining in the valve body, ensure cleanliness of the valve and prevent contamination of the water body of the pipeline by the valve itself.
8. The body is sprayed with epoxy resin plastic powder from Aksu, a world-famous brand, which can be deposited thicker and have stronger adhesion after melt curing.
9. On the packaging: each valve of Bundor is individually packed with PE heat-shrinkable film, with built-in drying agent to isolate air dust and prevent the valve from being polluted by damp.
10. The position of the sign table is humanized and set on both sides of the valve body. After installation, it is convenient for users to view. The sign is made of 304 material, with laser marking. The writing is clear and lasts for a long time. Fixed with stainless steel rivets, more beautiful appearance and stronger connection.
11. The bolt is made of 304 material, with stronger anti-rust ability.
12. Turbine head is waterproof and dustproof, with protection class IP65

13. The pin with the pin butterfly valve adopts the quenched and tempered pin, which is of high strength and wear-resistant, and the connection is safe and reliable.
14. The non-pin valve shaft adopts the anti-blow-out structure, and the upper end of the valve shaft adopts the double-clip spring structure, which can not only compensate the assembly error, but also prevent the valve shaft from blowing out.
15. Each product of Bundor has its own QR code mark and unique ID number from the accessories to the finished products.By scanning the codes, the inspection results of each stage in the production process can be inquired to achieve traceability of product quality.
16. All products of Bundor can provide material inspection report of main components.
17. As for the products of Bundor brand, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters



Parts	1	2	3	4	5	6
Name	Body	Seat	Disc	Stem	O-rings	Handle
Material	DI	EPDM/NBR	DI/SS304/SS316	SS304/SS316	EPDM/NBR	CI

NPS	DN	L	D1	D2	L1	L2	L3	L4	B	C	E	F	G	D3	Top Flange
2"	DN50	48	86	92.3	75	129	59	24	9	110	45	67	44	136	F05

2.5"	DN65	52	101	107	82	136	59	24	9	110	45	67	44	136	F05
3"	DN80	53	116	122	99	153	59	24	9	110	45	67	44	136	F05
4"	DN100	58	148	153	110	167	59	24	11	110	45	67	44	136	F07
5"	DN125	62	174	179	125	193	59	24	14	110	45	67	44	136	F07
6"	DN150	62	204	208.4	145	209	59	24	14	110	45	67	44	136	F07
8"	DN200	65	252	262.3	170	251	75	30	17	172	61	85	53	277	F10



Ductile Iron Body Butterfly Valves

Size Range: 4"/DN100

Pressure: 10K/150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: Ductile Iron

Stem Materials: stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : according to seat material

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5. Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

6. Intelligent test and pressure test to ensure product quality

Each product is pressure tested by the Bundor intelligent testing equipment, and the inspection report is automatically generated. Every data and report is kept for 5 years to ensure the delivery qualified rate.

7. Solid body valve body, more stable

Valve body is solid body, same caliber weight is heavier than other manufacturers.

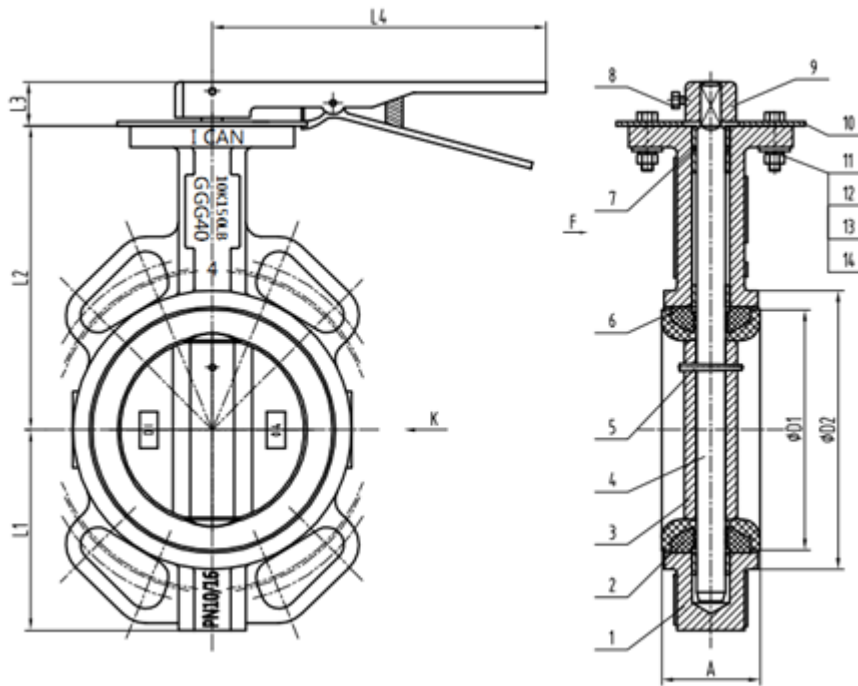
8. Each product is packed separately with heat shrinkable film, ash proof and moisture proof.

Each German product is packed with heat-shrinkable film, and has a built-in drying agent to isolate air dust, facilitate storage and avoid corrosion caused by damp.

9. Meet drinking water standards

Provides rubber seats and epoxy spray to meet potable water standards.

Parameters



Parts	1	2	3	4	5	6
Name	Body	Seat	Disc	Stem	O-rings	Handle
Material	DI	EPDM	DI	45#Steel	NBR	Iron

DN	NPS	A	D1	D2	L1	L2	L3	L4	B	Top Flange
DN50	2"	45	73.3	92.3	75	129	24	220	9	F05
DN65	2.5"	49	86	107	82	136	24	220	9	F05
DN80	3"	49	100.9	122	99	153	24	220	9	F05
DN100	4"	55	132	153	110	167	24	250	11	F07
DN125	5"	58.5	156	179	125	193	24	250	14	F07
DN150	6"	59	185.4	208.4	145	209	24	302	14	F07
DN200	8"	64.5	235.2	262.3	170	251	30	360	17	F10



Wafer Type Butterfly Valve

Size Range: 3"/DN80

Pressure: 5K/10K/150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: Ductile Iron

Stem Materials: stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : according to seat material

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

Product advantages:

1.Meet drinking water standards

Provides rubber seats and epoxy spray to meet potable water standards.

2.Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3.The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4.Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5.Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

6.Intelligent test and pressure test to ensure product quality

Each product is pressure tested by the Bundor intelligent testing equipment, and the inspection report is automatically generated. Every data and report is kept for 5 years to ensure the delivery qualified rate.

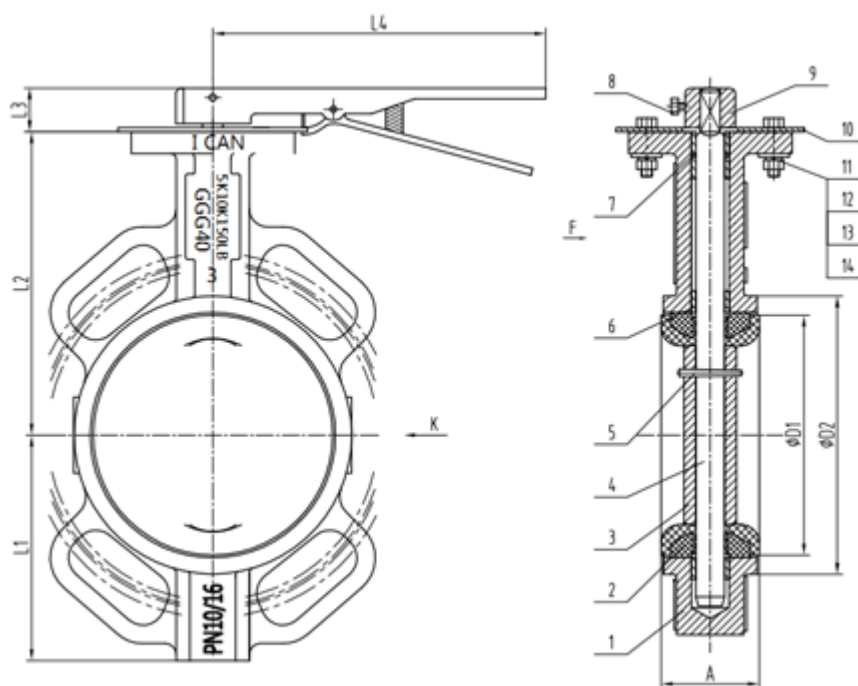
7.Solid body valve body, more stable

Valve body is solid body, same caliber weight is heavier than other manufacturers.

8.Each product is packed separately with heat shrinkable film, ash proof and moisture proof.

Each German product is packed with heat-shrinkable film, and has a built-in drying agent to isolate air dust, facilitate storage and avoid corrosion caused by damp.

Parameters



Parts	1	2	3	4	5	6
Name	Body	Seat	Disc	Stem	O-rings	Handle
Material	DI	EPDM	DI	45#Steel	NBR	Iron

DN	NPS	A	D1	D2	L1	L2	L3	L4	B	Top Flange
DN50	2"	45	73.3	92.3	75	129	24	220	9	F05
DN65	2.5"	49	86	107	82	136	24	220	9	F05
DN80	3"	49	100.9	122	99	153	24	220	9	F05
DN100	4"	55	132	153	110	167	24	250	11	F07
DN125	5"	58.5	156	179	125	193	24	250	14	F07
DN150	6"	59	185.4	208.4	145	209	24	302	14	F07
DN200	8"	64.5	235.2	262.3	170	251	30	360	17	F10



Iron Handle Operated Wafer Butterfly Valve

Size Range: 3"/DN80

Pressure: 5K/10K/150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: 304stainless steel

Stem Materials: 304stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : according to seat material

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5. Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

6. Intelligent test and pressure test to ensure product quality

Each product is pressure tested by the Bundor intelligent testing equipment, and the inspection report is automatically generated. Every data and report is kept for 5 years to ensure the delivery qualified rate.

7. Solid body valve body, more stable

Valve body is solid body, same caliber weight is heavier than other manufacturers.

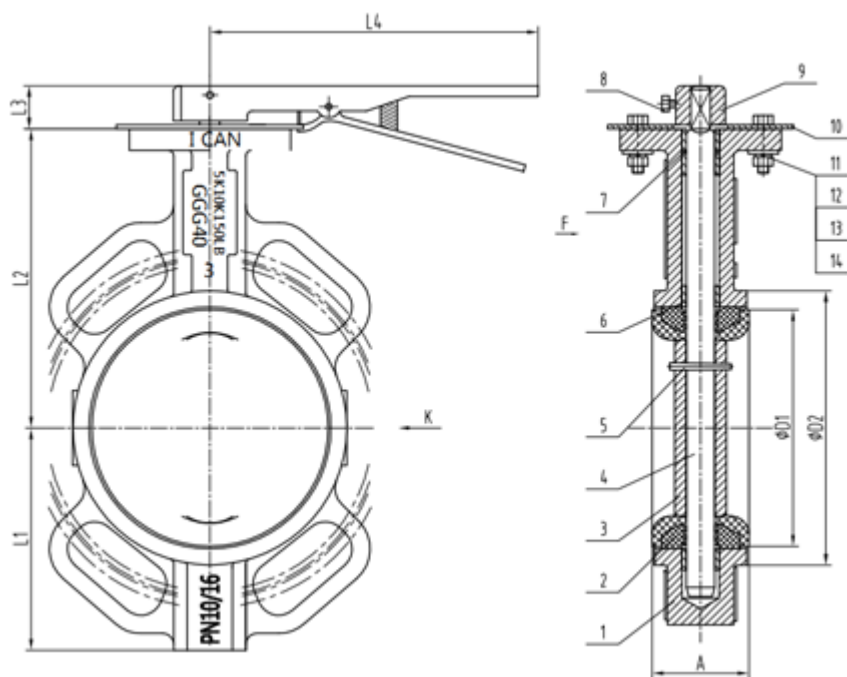
8. Each product is packed separately with heat shrinkable film, ash proof and moisture proof.

Each German product is packed with heat-shrinkable film, and has a built-in drying agent to isolate air dust, facilitate storage and avoid corrosion caused by damp.

9. Meet drinking water standards

Provides rubber seats and epoxy spray to meet potable water standards.

Parameters



Parts	1	2	3	4	5	6
Name	Body	Seat	Disc	Stem	O-rings	Handle
Material	DI	EPDM	SS304	SS304	NBR	Iron

DN	NPS	A	D1	D2	L1	L2	L3	L4	B	Top Flange
DN50	2"	45	73.3	92.3	75	129	24	220	9	F05
DN65	2.5"	49	86	107	82	136	24	220	9	F05
DN80	3"	49	100.9	122	99	153	24	220	9	F05
DN100	4"	55	132	153	110	167	24	250	11	F07
DN125	5"	58.5	156	179	125	193	24	250	14	F07
DN150	6"	59	185.4	208.4	145	209	24	302	14	F07
DN200	8"	64.5	235.2	262.3	170	251	30	360	17	F10



Aluminium Handle Wafer Universal Butterfly Valve

Size Range: 2"-8"/DN50-DN200

Pressure: 5K/10K/150LB/Class125

Body Materials: Cast Iron/Ductile Iron/Bronze

Seat Materials: NBR/EPDM/VITON/PTFE

Disc Materials: Ductile Iron/WCB/CF8/CF8M

Stem Materials: SS416/SS304/SS316

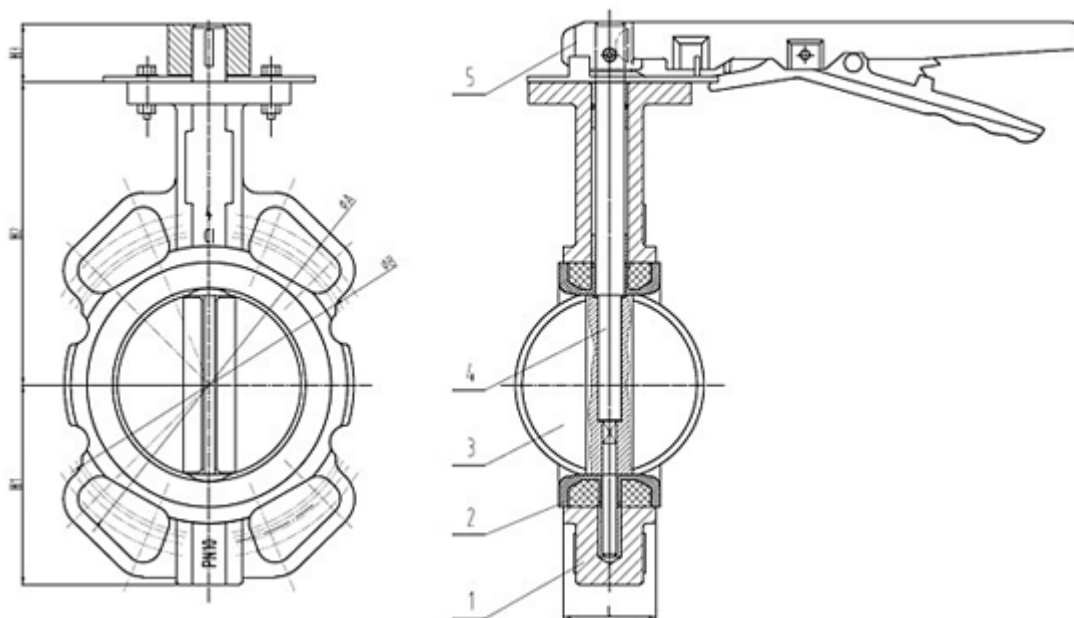
Introduction

Aluminum handle wafer butterfly valve is a butterfly valve with aluminum material handle, which has low torque, long life cycle. Except the handle material, aluminum handle wafer butterfly valve have the same features as other handle wafer butterfly valve.

Product Advantage

- 1.The patent rubber seat we use was taken Bundor two years to reserch and develop independently.
- 2.Bundor rubber seat is used more widely and able be matched with various kinds of flanges. No need to use special flange for butterfly valve, it can be connected perfectly with common slip on flange.
- 3.Bundor patent body can meet various standards such as JB, DIN, GOST, ANSI, BS, JIS etc. For top flange standard, we offer GB, ISO5211. More beautiful appearance, wider working conditions.
- 4.Bundor uses Germany Bayer brand EPDM rubber as raw material for valve seat. That makes butterfly valve has superior rebound resilience and tensile force. 100% no leakage after open and close over 10000 times.
- 5.All the materials of bolt, nut and pin are stainless steel. The corrosion resistance 10 times better than ordinary material.
- 6.The patent rubber seat is easier to install. Compared with ordinary rubber seat, it has double width of sealing surface and wider contact surface with flange waterline.

Parameters



Parts	1	2	3	4	5
Name	Body	Seat	Disc	Stem	Handle
Material	DI	EPDM	DI	SS410	Aluminum

SIZE		A	B	C	L	DIN PN 1 0		DIN PN 1 6		ANSI 150LB		JIS 10K		ISO 5211			Top Flang e
m	in					øK	N-ød	øK	N-ød	øK	N-ød	øK	N-ød	øD	øD 1	N-ø G	
40	1.5 "	67	14 1	32	33	110	4-ø1 8	110	4-ø1 8	98.5	4-ø16	10 5	4-ø1 9	65	50	4-ø8	F05
50	2"	67	14 1	32	43	12 5	4-ø1 8	12 5	4-ø1 8	120. 6	4-ø19	12 0	4-ø1 9	65	50	4-ø8	F05
65	2½ "	75	15 1	32	46	14 5	4-ø1 8	14 5	4-ø1 8	139. 7	4-ø19	14 0	4-ø1 9	65	50	4-ø8	F05
80	3"	95	16 0	32	46	16 0	8-ø1 8	16 0	8-ø1 8	152. 4	4-ø19	15 0	8-ø1 9	65	50	4-ø8	F05
10 0	4"	111	18 0	32	52	18 0	8-ø1 8	18 0	8-ø1 8	190. 5	8-ø19	17 5	8-ø1 9	90	70	4-ø1 0	F07
12 5	5"	12 9	19 3	32	56	21 0	8-ø1 8	21 0	8-ø1 8	215. 9	8-ø22. 4	21 0	8-ø2 3	90	70	4-ø1 0	F07
15 0	6"	14 2	20 7	32	56	24 0	8-ø2 2	24 0	8-ø2 2	241. 3	8-ø22. 4	24 0	8-ø2 3	90	70	4-ø1 0	F07
20 0	8"	17 0	24 0	45	60	29 5	8-ø2 2	29 5	12- ø22	298. 4	8-ø22. 4	29 0	12- ø23	12 5	102	4-ø1 2	F10
25 0	10"	20 6	27 0	45	68	35 0	12- ø22	35 5	12- ø22	361. 9	12- ø25.4	35 5	12- ø25	12 5	102	4-ø1 2	F10
30 0	12"	23 8	31 6	45	78	40 0	12- ø22	41 0	12- ø26	431. 8	12- ø25.4	40 0	16- ø25	12 5	102	4-ø1 2	F10
35 0	14"	26 7	36 8	45	78	46 0	16- ø22	47 0	16- ø26	476. 2	12- ø28.4	44 5	16- ø25	12 5	102	4-ø1 2	F10
40 0	16"	29 8	40 0	51	86	51 5	12- ø26	52 5	16- ø30	539. 7	16- ø28.4	51 0	16- ø27	17 5	140	4-ø1 8	F14
45 0	18"	31 8	42 2	51	10 5	56 5	20- ø26	58 5	20- ø30	577. 8	16- ø31.8	56 5	20- ø27	17 5	140	4-ø1 8	F14
50 0	20"	34 9	47 9	57	13 0	62 0	20- ø26	65 0	20- ø33	635	20- ø31.8	62 0	20- ø27	17 5	140	4-ø1 8	F14
60 0	24"	41 0	56 2	70	15 2	72 5	20- ø30	77 0	20- ø36	749. 3	20- ø35.1	73 0	24- ø33	21 0	165	4-ø2 2	F16



Iron Handle Wafer Universal Butterfly Valve

Size Range: 2"-8"/DN50-DN200

Pressure: 10K/150LB/Class125

Body Materials: Cast Iron/Ductile Iron

Seat Materials: NBR/EPDM/VITON/PTFE

Disc Materials: Ductile Iron/WCB/CF8/CF8M/AI-bronze C958

Stem Materials: SS416/SS304/SS316

Introduction

Features:

24 months guarantee

Zero Leakage

Bi-Directional
Low Torque, long life cycle
360° polished disc assures positive on-off
Epoxy coated body, smooth surface
Various kinds of materials, applicable to different medium

Adoptive Standards

Valve Design: API 609, MSS SP-67
Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1
Pressure Test: API 598
Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16
Top Flange: ISO5211

Product Advantage

1. The length of the short structure can save raw materials and installation space, and also effectively support the strength of the pipeline.
2. The valve block is the correct movement of the gate, extrusion fast, to ensure effective sealing valve.
3. Triangle support material, guarantee the required mechanical properties.
4. According to different working conditions demand design V, triangle, or five corners and other ports, in order to meet the needs of various flow regulation.
5. No groove at the bottom to make sure no slag and full bore flow.
6. Bundor valve strict implementation of the API598 experimental standard, for each product to implement 100% positive and negative double pressure test, guarantee delivery to customers is 100% qualified products.
7. Bundor Group dedicated to the dedication of the valve for 23 years, with professional production, sales, research and after-sales team, we are your strong backing.

Standard Test

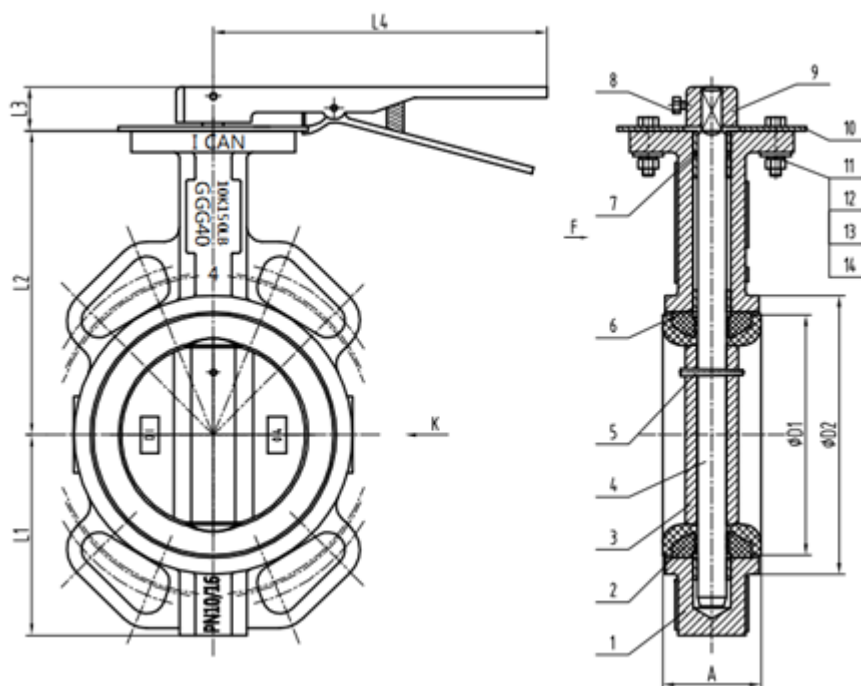
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: O

Parameters



SIZE		A	B	C	L	DIN PN 10		DIN PN 16		ANSI 150LB		JIS 10K		ISO 5211			Top Flange
m	in					ØK	N-Ød	ØK	N-Ød	ØK	N-Ød	ØK	N-Ød	ØD	ØD 1	N-Ø G	
40	1.5"	67	141	32	33	110	4-Ø18	110	4-Ø18	98.5	4-Ø16	105	4-Ø19	65	50	4-Ø8	F05
50	2"	67	141	32	43	125	4-Ø18	125	4-Ø18	120.6	4-Ø19	120	4-Ø19	65	50	4-Ø8	F05
65	2½"	75	151	32	46	145	4-Ø18	145	4-Ø18	139.7	4-Ø19	140	4-Ø19	65	50	4-Ø8	F05
80	3"	95	160	32	46	160	8-Ø18	160	8-Ø18	152.4	4-Ø19	150	8-Ø19	65	50	4-Ø8	F05
100	4"	111	180	32	52	180	8-Ø18	180	8-Ø18	190.5	8-Ø19	175	8-Ø19	90	70	4-Ø10	F07
125	5"	129	193	32	56	210	8-Ø18	210	8-Ø18	215.9	8-Ø22.4	210	8-Ø23	90	70	4-Ø10	F07
150	6"	142	207	32	56	240	8-Ø22	240	8-Ø22	241.3	8-Ø22.4	240	8-Ø23	90	70	4-Ø10	F07
200	8"	170	240	45	60	295	8-Ø22	295	12-Ø22	298.4	8-Ø22.4	290	12-Ø23	125	102	4-Ø12	F10

25 0	10"	20 6	27 0	45	68	35 0	12- ø22	35 5	12- ø22	361. 9	12- ø25.4	35 5	12- ø25	12 5	102	4-ø1 2	F10
30 0	12"	23 8	31 6	45	78	40 0	12- ø22	41 0	12- ø26	431. 8	12- ø25.4	40 0	16- ø25	12 5	102	4-ø1 2	F10
35 0	14"	26 7	36 8	45	78	46 0	16- ø22	47 0	16- ø26	476. 2	12- ø28.4	44 5	16- ø25	12 5	102	4-ø1 2	F10
40 0	16"	29 8	40 0	51	86	51 5	12- ø26	52 5	16- ø30	539. 7	16- ø28.4	51 0	16- ø27	17 5	140	4-ø1 8	F14
45 0	18"	31 8	42 2	51	10 5	56 5	20- ø26	58 5	20- ø30	577. 8	16- ø31.8	56 5	20- ø27	17 5	140	4-ø1 8	F14
50 0	20"	34 9	47 9	57	13 0	62 0	20- ø26	65 0	20- ø33	635	20- ø31.8	62 0	20- ø27	17 5	140	4-ø1 8	F14
60 0	24"	41 0	56 2	70	15 2	72 5	20- ø30	77 0	20- ø36	749. 3	20- ø35.1	73 0	24- ø33	21 0	165	4-ø2 2	F16



Ductile Iron Worm Gear Operated Butterfly Valve

Size Range: 3"/DN80

Pressure: 5K/10K/150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: Ductile Iron

Stem Materials: 420stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : -20 degrees Celsius to 120 degrees Celsius

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5. Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

6. Intelligent test and pressure test to ensure product quality

Each product is pressure tested by the Bundor intelligent testing equipment, and the inspection report is automatically generated. Every data and report is kept for 5 years to ensure the delivery qualified rate.

7. Solid body valve body, more stable

Valve body is solid body, same caliber weight is heavier than other manufacturers.

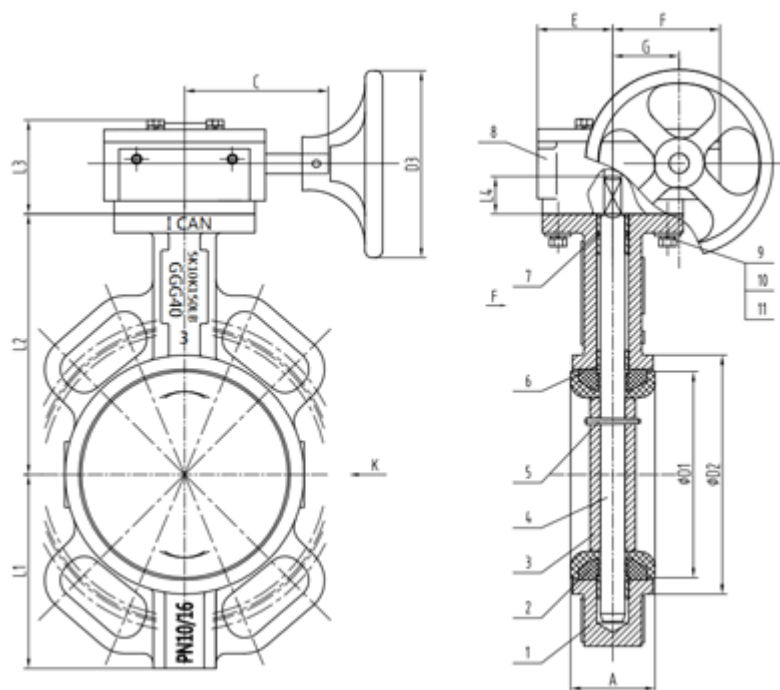
8. Each product is packed separately with heat shrinkable film, ash proof and moisture proof.

Each German product is packed with heat-shrinkable film, and has a built-in drying agent to isolate air dust, facilitate storage and avoid corrosion caused by damp.

9. Meet drinking water standards

Provides rubber seats and epoxy spray to meet potable water standards.

Parameters



NPS	DN	A	D1	D2	L1	L2	L3	L4	B	C	E	F	G	φD3	Top Flanged
2"	DN50	45	73.3	92.3	75	129	59	24	9	110	45	67	44	136	F05
2.5"	DN65	49	86	107	82	136	59	24	9	110	45	67	44	136	F05
3"	DN80	49	100.9	122	99	153	59	24	9	110	45	67	44	136	F05
4"	DN100	55	132	153	110	167	59	24	11	110	45	67	44	136	F07
5"	DN125	58.5	156	179	125	193	59	24	14	110	45	67	44	136	F07
6"	DN150	59	185.4	208.4	145	209	59	24	14	110	45	67	44	136	F07
8"	DN200	64.5	235.2	262.3	170	251	75	30	17	172	61	85	53	277	F10
10"	DN250	72	289.4	316.3	213	283	75	30	22	172	61	85	53	277	F10
12"	DN300	82	341.2	372	240	315	82	30	22	165	78	109	79	277	F10



Stainless Steel Butterfly Valve

Size Range: DN50-DN150

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: SS304

Seat Materials: EPDM/NBR

Disc Materials: SS304/SS316/C954

Stem Materials: 420/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Stainless steel body for more complex operating conditions

Stainless steel body, stronger strength, better toughness, good corrosion resistance, can be used in more complex conditions, better resistance to high and low temperature performance.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Stainless steel butterfly plate is corrosion resistant

Stainless steel plate, better corrosion resistance, more beautiful.

6. The product has an independent identity to ensure traceability

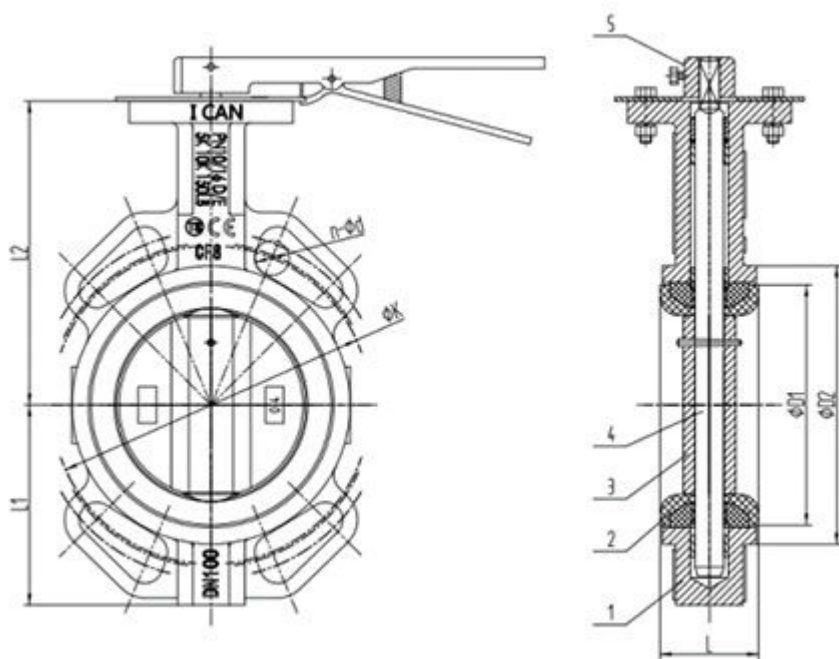
Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

7. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

8. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters



Parts	1		2		3		4		5	
Name	Body		Seat		Disc		Stem		Handle	
Material	SS304		EPDM		SS304		420		DI	
Size		L	L1	L2	ΦD1	ΦD2	PN 10		PN 16	
DN	NPS (inch)						ΦK	n-Φd	ΦK	n-Φd
50	2"	43	71	129	73.3	87.1	125	4-Φ18	125	4-Φ18
65	2 1/2"	46	79	136	86	100.4	145	4-Φ18	145	4-Φ18
80	3"	46	95	153	100.9	116	160	8-Φ18	160	8-Φ18
100	4"	52	110	167	132	147.6	180	8-Φ18	180	8-Φ18
125	5"	56	122	193	156	172	210	8-Φ18	210	8-Φ18
150	6"	56	141	209	185.4	202	240	8-Φ22	240	8-Φ22



Handle Wafer Type Butterfly Valve

Size Range: DN65

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Ductile Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

6. No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

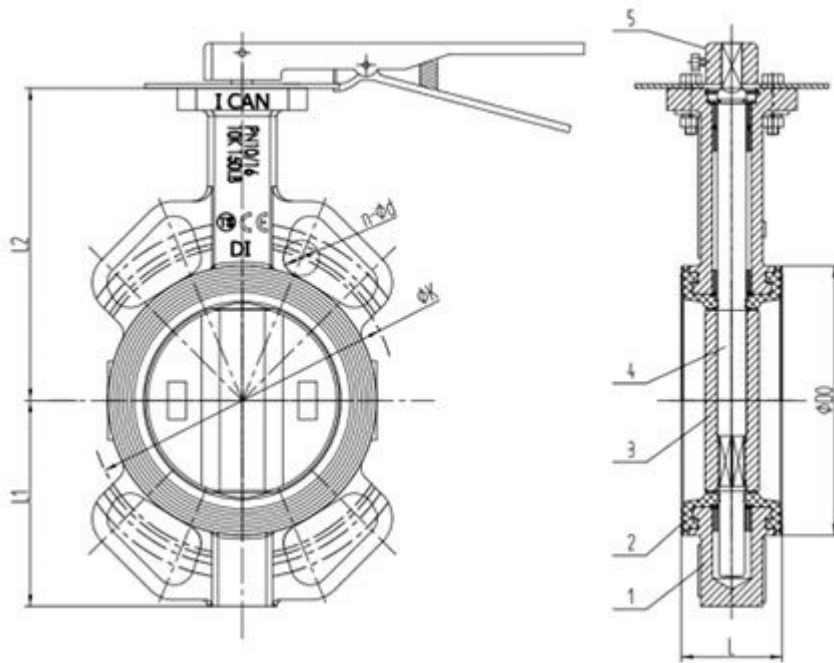
9. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

10. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be

compensated for the product's quality problem without any conditions.

Parameters



Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Handle	
Material	DI		EPDM			SS304			420			DI	
Size		L	L1	L2	ΦD0	PN10		PN16		Class150		JIS10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19

125	5"	56	125	19 3	171	210	8-Φ1 8	210	8-Φ1 8	215.9	8-Φ22. 4	210	8-Φ2 3
150	6"	56	145	20 9	200	240	8-Φ2 2	240	8-Φ2 2	241.3	8-Φ22. 4	240	8-Φ2 3



Wafer Butterfly Valve With Handle

Size Range: DN100

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Cast Iron

Seat Materials: EPDM/NBR

Disc Materials: DI

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

4. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

5. The product has an independent identity to ensure traceability

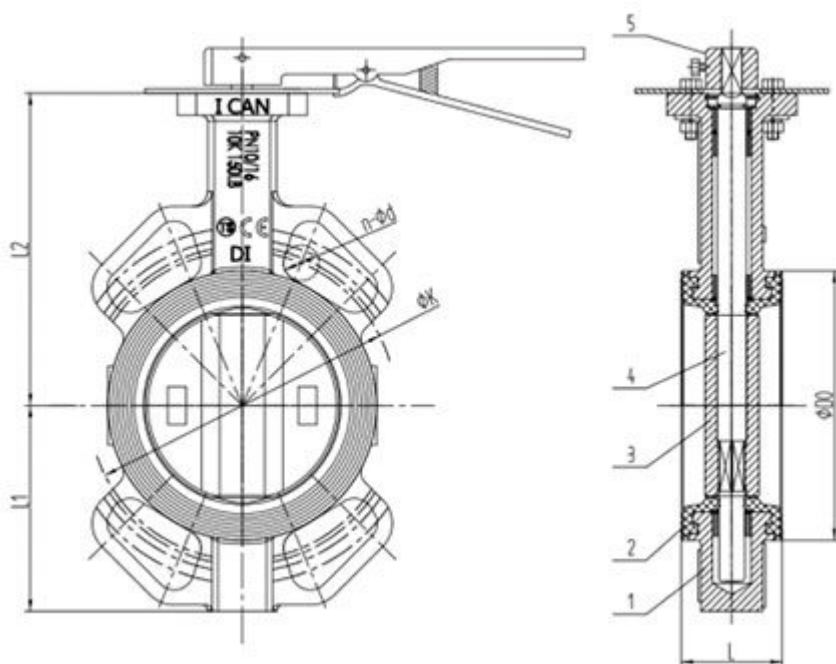
Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

6. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

7. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters



Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Handle	
Material	CI		EPDM			DI			420			Iron	
Size		L	L1	L2	ΦD 0	PN 10		PN 16		Class1 50		JIS 10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	12 9	86	125	4-Φ1 8	125	4-Φ1 8	120.7	4-Φ19	120	4-Φ1 9
65	2 1/2"	46	82	13 6	101	145	4-Φ1 8	145	4-Φ1 8	139.7	4-Φ19	140	4-Φ1 9
80	3"	46	99	15 3	121	160	8-Φ1 8	160	8-Φ1 8	152.4	4-Φ19	150	8-Φ1 9
100	4"	52	110	16 7	144	180	8-Φ1 8	180	8-Φ1 8	190.5	8-Φ19	175	8-Φ1 9
125	5"	56	125	19 3	171	210	8-Φ1 8	210	8-Φ1 8	215.9	8-Φ22. 4	210	8-Φ2 3
150	6"	56	145	20 9	200	240	8-Φ2 2	240	8-Φ2 2	241.3	8-Φ22. 4	240	8-Φ2 3



Motorized Wafer Butterfly Valve

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

Pressure: 5K/10K/150LB/125CLASS

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

Introduction

Features

24 months guarantee
Zero Leakage
Bi-Directional
Low Torque, long life cycle
360° polished disc assures positive on-off
Epoxy coated body, smooth surface
Various kinds of materials, applicable to different medium

Adoptive Standards

Motorized butterfly valve:

Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Product Advantage

1. Bundor Valve patented product, patent number: 201510315321.5; 201520267217.9, the product side flange meets ISO, DIN, GOST, ANSI, BS, JIS and other standards, convenient connection.

2. The valve body and disc is all adopted QT450-10 material, the ball rate is above grade 3, the mechanical performance is fully up to standard, the tensile strength is 450Mpa, and the elongation rate is more than 10%. It is not easy to crack or freeze.

3. The valve body is solid body, the same caliber weight is heavier than others.

4. Seat uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.

5. The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250μm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months.

6. Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Bundor is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.

7. Every Bundor product has its own two-dimensional code identification from the accessories to the finished product, the unique ID number, to ensure that the product can be traced.

8. The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.

9. Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The

warranty is 2 years. Pay two back if one bad within two years. The quality of the product is unconditional.

Standard Test

Motorized wafer butterfly valve:

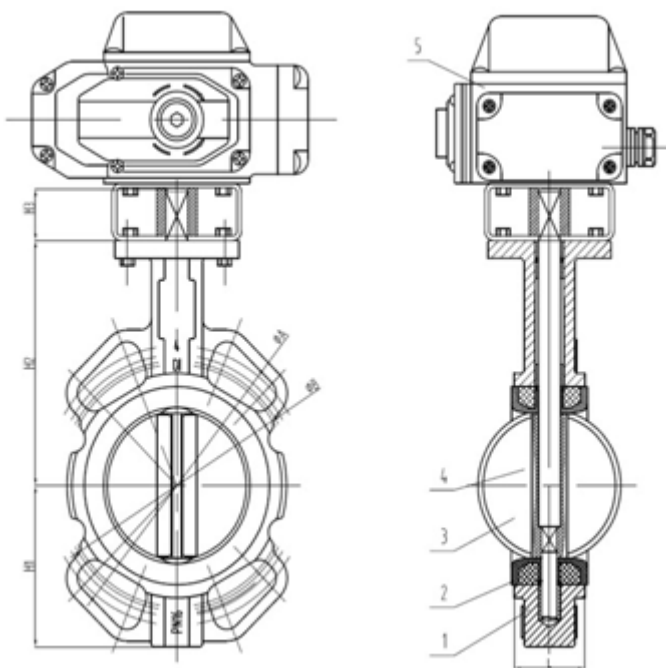
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (Size)	H1	H2	H3	ØA	ØB	L
DN50	2"	75	129	32	125	105	43
DN65	2.5"	82	136	32	145	127	46
DN80	3"	99	153	32	160	145	46
DN100	4"	110	167	32	190.5	165	52
DN125	5"	125	193	32	216	200	56
DN150	6"	145	209	32	241.3	225	56



Pneumatic Butterfly Valve

Size Range: 2"-44"/DN50-DN1200

Pressure: 5K/10K/150LB

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

Introduction

Adoptive Standards

Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Product Advantage

1. Bundor Valve patent product , Patent Number : 201510315321.5 ; 201520267217.9 , The product side flange complies with many national and international standards such as GB, DIN, GOST, ANSI, BS, JIS, etc.
2. Valve body procurement QT450-10 material, spheroidization rate of 3 or more, mechanical properties fully up to standard, tensile strength 450Mpa, elongation rate greater than 10%, not easy to crack, crack
3. The valve body is solid body, the same DN weight is heavier than other manufacturers
4. Seat rubber uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.
5. The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250μm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months ;
6. Pneumatic head adopts double-piston rack structure, precise meshing, high efficiency and constant output torque.
7. The cylinder body is an extruded aluminum alloy and hard anodized. The inner surface has a hard texture and high strength and hardness. The use of low-friction materials made of sliding bearings, to avoid direct contact between the metal, low friction coefficient, flexible rotation, long service life
8. Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Ruderland is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.
9. Every Ruide product has its own two-dimensional code identification from the accessories to the finished product, the unique ID ID number, to ensure that the product can be traced
10. The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.
11. Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Within two years, one is lost and one is lost. The quality of the product is unconditional.

Standard Test

Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever /

Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters

DN	NPS (inch)	H1	H2	H3	ØA	ØB	L
DN50	2"	75	129	32	125	105	43
DN65	2.5"	82	136	32	145	127	46
DN80	3"	99	153	32	160	145	46
DN100	4"	110	167	32	190.5	165	52
DN125	5"	125	193	32	216	200	56
DN150	6"	145	209	32	241.3	225	56
DN200	8"	170	251	40	298.4	280	60
DN250	10"	210	280	45	361.9	350	68
DN300	12"	240	315	45	431.8	400	78
DN350	14"	260	348	45	476.2	445	78
DN400	16"	295.5	392.5	52	540	510	102
DN450	18"	401.5	322.5	52	585	565	114
DN500	20"	451.5	362.5	64	650	620	127
DN600	24"	541.5	428.5	70	770	725	154
DN700	28"	Temporary Absence Of Data					
DN800	32"						
DN900	36"						
DN1000	40"						
DN1200	44"						



Wafer Butterfly Valve With Handle Operation

Size Range: 2"/DN50

Pressure: 5K/10K/150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: Ductile Iron

Stem Materials: stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : according to seat material

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5. Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

6. Intelligent test and pressure test to ensure product quality

Each product is pressure tested by the Bundor intelligent testing equipment, and the inspection report is automatically generated. Every data and report is kept for 5 years to ensure the delivery qualified rate.

7. Solid body valve body, more stable

Valve body is solid body, same caliber weight is heavier than other manufacturers.

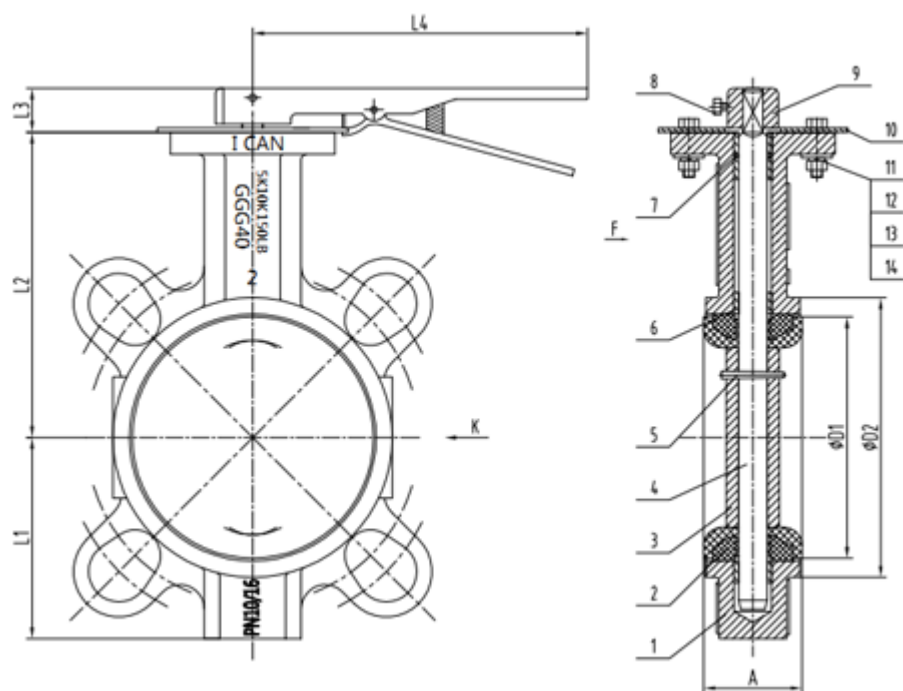
8. Each product is packed separately with heat shrinkable film, ash proof and moisture proof.

Each German product is packed with heat-shrinkable film, and has a built-in drying agent to isolate air dust, facilitate storage and avoid corrosion caused by damp.

9. Meet drinking water standards

Provides rubber seats and epoxy spray to meet potable water standards.

Parameters



DN	NPS	A	D1	D2	L1	L2	L3	L4	B	Top Flange
DN50	2"	45	73.3	92.3	75	129	24	220	9	F05
DN65	2.5"	49	86	107	82	136	24	220	9	F05
DN80	3"	49	100.9	122	99	153	24	220	9	F05
DN100	4"	55	132	153	110	167	24	250	11	F07
DN125	5"	58.5	156	179	125	193	24	250	14	F07
DN150	6"	59	185.4	208.4	145	209	24	302	14	F07
DN200	8"	64.5	235.2	262.3	170	251	30	360	17	F10



Handle Operated Universal Butterfly Valve

Size Range: 2"/DN65

Pressure: 5K/10K150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: Ductile Iron

Stem Materials: stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : according to seat material

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5. Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

6. Intelligent test and pressure test to ensure product quality

Each product is pressure tested by the Bundor intelligent testing equipment, and the inspection report is automatically generated. Every data and report is kept for 5 years to ensure the delivery qualified rate.

7. Solid body valve body, more stable

Valve body is solid body, same caliber weight is heavier than other manufacturers.

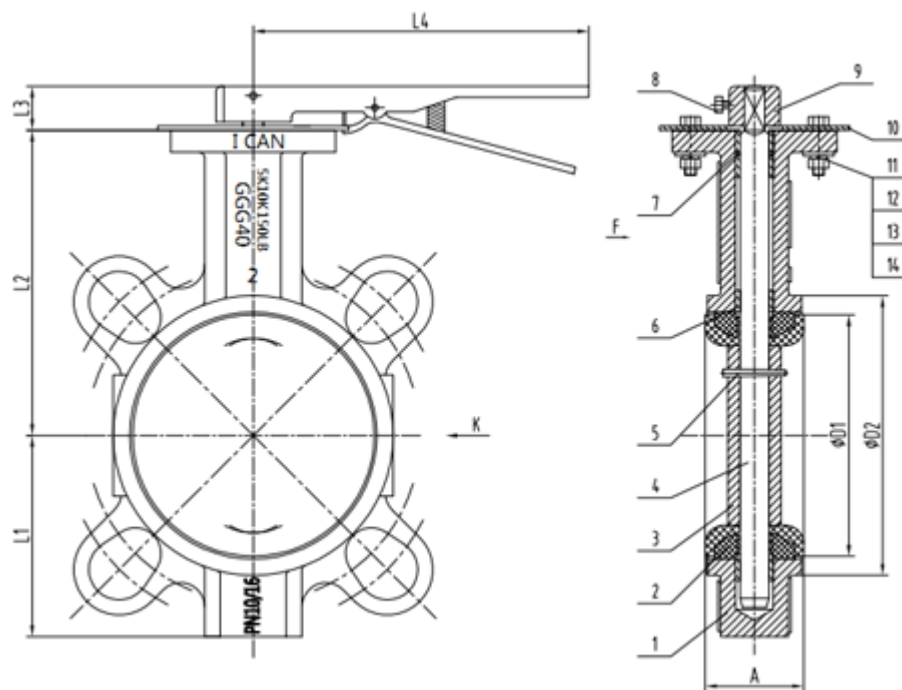
8. Each product is packed separately with heat shrinkable film, ash proof and moisture proof.

Each German product is packed with heat-shrinkable film, and has a built-in drying agent to isolate air dust, facilitate storage and avoid corrosion caused by damp.

9. Meet drinking water standards

Provides rubber seats and epoxy spray to meet potable water standards.

Parameters



DN	NPS	A	D1	D2	L1	L2	L3	L4	B	Top Flange
DN50	2"	45	73.3	92.3	75	129	24	220	9	F05
DN65	2.5"	49	86	107	82	136	24	220	9	F05
DN80	3"	49	100.9	122	99	153	24	220	9	F05
DN100	4"	55	132	153	110	167	24	250	11	F07
DN125	5"	58.5	156	179	125	193	24	250	14	F07
DN150	6"	59	185.4	208.4	145	209	24	302	14	F07
DN200	8"	64.5	235.2	262.3	170	251	30	360	17	F10



DI Body Wafer Butterfly Valve

Size Range: 2.5"/DN65

Pressure: 5K/10K/150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: 304stainless steel

Stem Materials: 304stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : according to seat material

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5. Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

6. Intelligent test and pressure test to ensure product quality

Each product is pressure tested by the Bundor intelligent testing equipment, and the inspection report is automatically generated. Every data and report is kept for 5 years to ensure the delivery qualified rate.

7. Solid body valve body, more stable

Valve body is solid body, same caliber weight is heavier than other manufacturers.

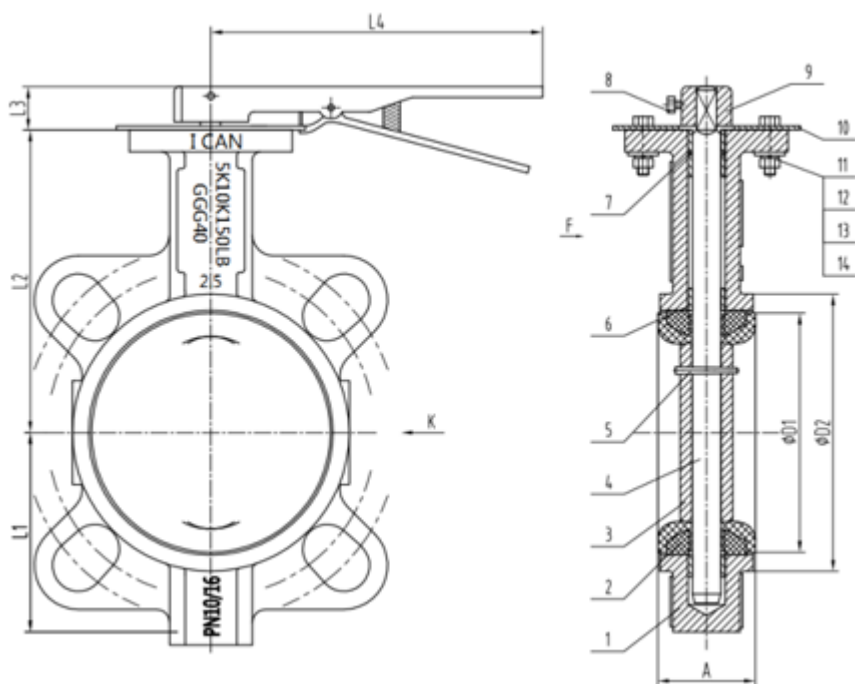
8. Each product is packed separately with heat shrinkable film, ash proof and moisture proof.

Each German product is packed with heat-shrinkable film, and has a built-in drying agent to isolate air dust, facilitate storage and avoid corrosion caused by damp.

9. Meet drinking water standards

Provides rubber seats and epoxy spray to meet potable water standards.

Parameters



DN	NPS	A	D1	D2	L1	L2	L3	L4	B	Top Flange
DN50	2"	45	73.3	92.3	75	129	24	220	9	F05
DN65	2.5"	49	86	107	82	136	24	220	9	F05
DN80	3"	49	100.9	122	99	153	24	220	9	F05
DN100	4"	55	132	153	110	167	24	250	11	F07
DN125	5"	58.5	156	179	125	193	24	250	14	F07
DN150	6"	59	185.4	208.4	145	209	24	302	14	F07
DN200	8"	64.5	235.2	262.3	170	251	30	360	17	F10



Worm Gear wafer butterfly valve

Size Range: 2.5"/DN65

Pressure: 5K/10K/150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: Ductile Iron

Stem Materials: stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : according to seat material

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

conservancy projects.

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5. Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

6. Intelligent test and pressure test to ensure product quality

Each product is pressure tested by the Bundor intelligent testing equipment, and the inspection report is automatically generated. Every data and report is kept for 5 years to ensure the delivery qualified rate.

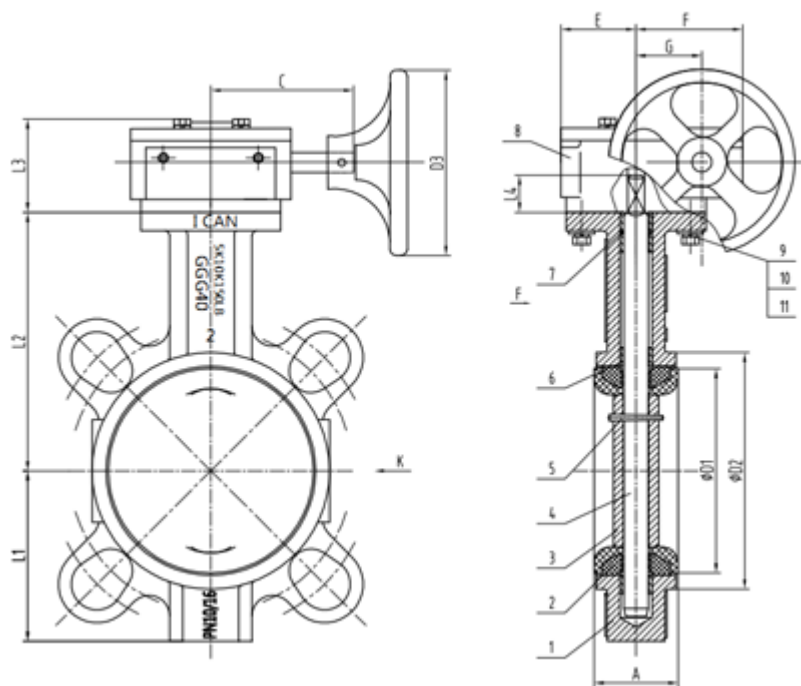
7. Solid body valve body, more stable

Valve body is solid body, same caliber weight is heavier than other manufacturers.

8. Each product is packed separately with heat shrinkable film, ash proof and moisture proof.

Each German product is packed with heat-shrinkable film, and has a built-in drying agent to isolate air dust, facilitate storage and avoid corrosion caused by damp.

Parameters



NPS	DN	A	D1	D2	L1	L2	L3	L4	B	C	E	F	G	φD3	Top Flange
2"	DN50	45	73.3	92.3	75	129	59	24	9	110	45	67	44	136	F05
2.5"	DN65	49	86	107	82	136	59	24	9	110	45	67	44	136	F05
3"	DN80	49	100.9	122	99	153	59	24	9	110	45	67	44	136	F05
4"	DN100	55	132	153	110	167	59	24	11	110	45	67	44	136	F07
5"	DN125	58.5	156	179	125	193	59	24	14	110	45	67	44	136	F07
6"	DN150	59	185.4	208.4	145	209	59	24	14	110	45	67	44	136	F07
8"	DN200	64.5	235.2	262.3	170	251	75	30	17	172	61	85	53	277	F10
10"	DN250	72	289.4	316.3	213	283	75	30	22	172	61	85	53	277	F10
12"	DN300	82	341.2	372	240	315	82	30	22	165	78	109	79	277	F10



Wafer Style Butterfly Valve

Size Range: 8"/DN200

Pressure: 5k/10k/150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: 304stainless steel

Stem Materials: 304stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : according to seat material

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5. Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

6. Intelligent test and pressure test to ensure product quality

Each product is pressure tested by the Bundor intelligent testing equipment, and the inspection report is automatically generated. Every data and report is kept for 5 years to ensure the delivery qualified rate.

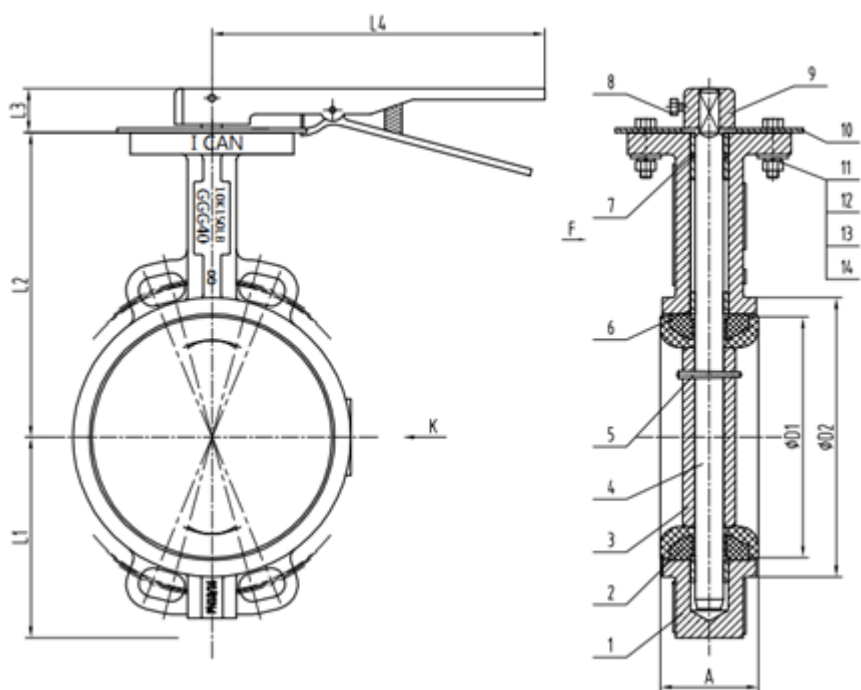
7. Solid body valve body, more stable

Valve body is solid body, same caliber weight is heavier than other manufacturers.

8. Each product is packed separately with heat shrinkable film, ash proof and moisture proof.

Each German product is packed with heat-shrinkable film, and has a built-in drying agent to isolate air dust, facilitate storage and avoid corrosion caused by damp.

Parameters



DN	NPS	A	D1	D2	L1	L2	L3	L4	B	Top Flange
DN50	2"	45	73.3	92.3	75	129	24	220	9	F05
DN65	2.5"	49	86	107	82	136	24	220	9	F05
DN80	3"	49	100.9	122	99	153	24	220	9	F05
DN100	4"	55	132	153	110	167	24	250	11	F07
DN125	5"	58.5	156	179	125	193	24	250	14	F07
DN150	6"	59	185.4	208.4	145	209	24	302	14	F07
DN200	8"	64.5	235.2	262.3	170	251	30	360	17	F10



Worm Gear Operated Flange Butterfly Valve

Size Range: 2"-44"/DN50-DN1200

Pressure: 5K/10K/150LB

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

Introduction

Features:

Worm gear operated flange butterfly valve:
Single Eccentric Disc-Shaft

Anti-Blow Out Stem
Bi-Directional
Fire safe Design
Low Friction Body Seat
Zero Leakage

Adoptive Standards:

Worm gear operated flange butterfly valve:
Valve Design: API 609, MSS SP-67
Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1
Pressure Test: API 598
Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16
Top Flange: ISO5211

Product Advantage:

- 1.The valve body and disc are all adopted QT450-10 material, the ball rate is above grade 3, the mechanical performance is fully up to standard, the tensile strength is 450Mpa, and the elongation rate is more than 10%. It is not easy to crack or freeze.
- 2.The valve body is solid body, the same caliber weight is heavier than other manufacturers.
- 3.Seat uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.
- 4.The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250µm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months.
- 5.Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Bundor is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.
- 6.Every Bundor product has its own two-dimensional code identification from the accessories to the finished product, the unique ID number, to ensure that the product can be traced.
- 7.The Bundor intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.
- 8.Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Pay two back if one bad within two years. The quality of the product is unconditional.

Standard Test:

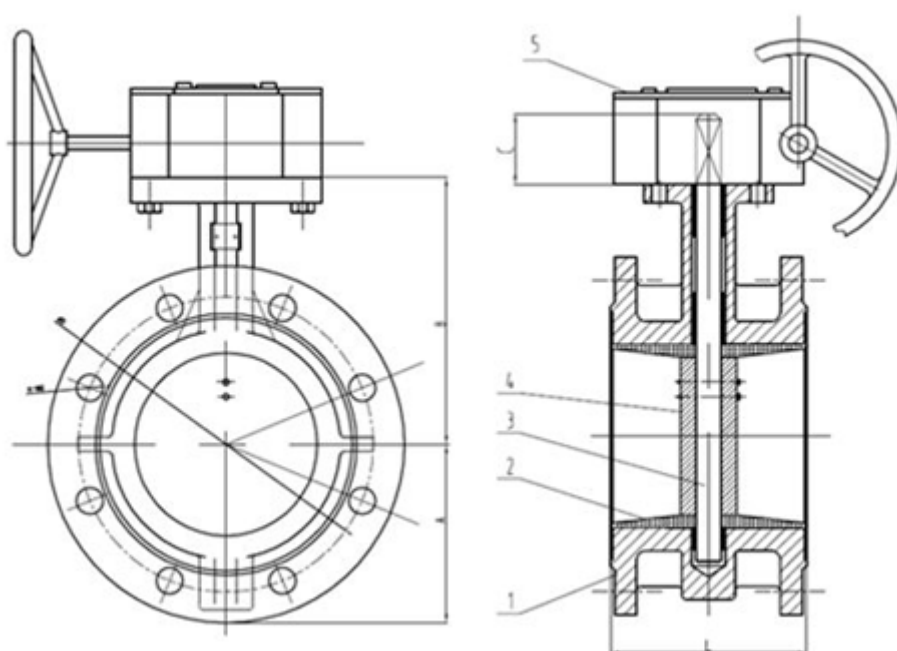
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (Size)	A	B	C	L
DN50	2"	69.5	126.5	32	108
DN65	2.5"	72	136	32	112
DN80	3"	88	146	32	114
DN100	4"	96.5	158	32	127
DN125	5"	115	179	32	140
DN150	6"	126	197	32	140
DN200	8"	161	230	45	152
DN250	10"	199	271	45	165
DN300	12"	215	305	45	178
DN350	14"	261	350	45	190

DN400	16"	290	381	51	216
DN450	18"	307	392	51	222
DN500	20"	340	441	57	229
DN600	24"	396	500	70	267
DN700	28"	496	567	66	292
DN800	32"	543	641	66	318
DN900	36"	584	692	118	330
DN1000	40"	638	735	142	410
DN1200	44"	763	917	150	470



Lever Operated Flange Butterfly Valve

Size Range: 2"-8"/DN50-DN200

Pressure: 5K/10K/150LB

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

Introduction

Features:

Lever operated flange butterfly valve:
Single Eccentric Disc-Shaft

Anti-Blow Out Stem
Bi-Directional
Fire safe Design
Low Friction Body Seat
Zero Leakage

Adoptive Standards:

Lever operated flange butterfly valve:
Valve Design: API 609, MSS SP-67
Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1
Pressure Test: API 598
Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16
Top Flange: ISO5211

Product Advantage:

- 1.The valve body and disc is all adopted QT450-10 material, the ball rate is above grade 3, the mechanical performance is fully up to standard, the tensile strength is 450Mpa, and the elongation rate is more than 10%. It is not easy to crack or freeze.
- 2.The valve body is solid body, the same caliber weight is heavier than other manufacturers.
- 3.The electric device is compact and beautiful in appearance, with a volume weight equivalent to only 1/3 of that of similar products, a large reduction in required space, light weight, and easy installation.
- 4.Seat uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.
- 5.The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250µm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months.
- 6.Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Bundor is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.
- 7.Every Bundor product has its own two-dimensional code identification from the accessories to the finished product, the unique ID number, to ensure that the product can be traced.
- 8.The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.
- 9.Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Pay two back if one bad within two years. The quality of the product is unconditional.

Standard Test:

Lever operated flange butterfly valve

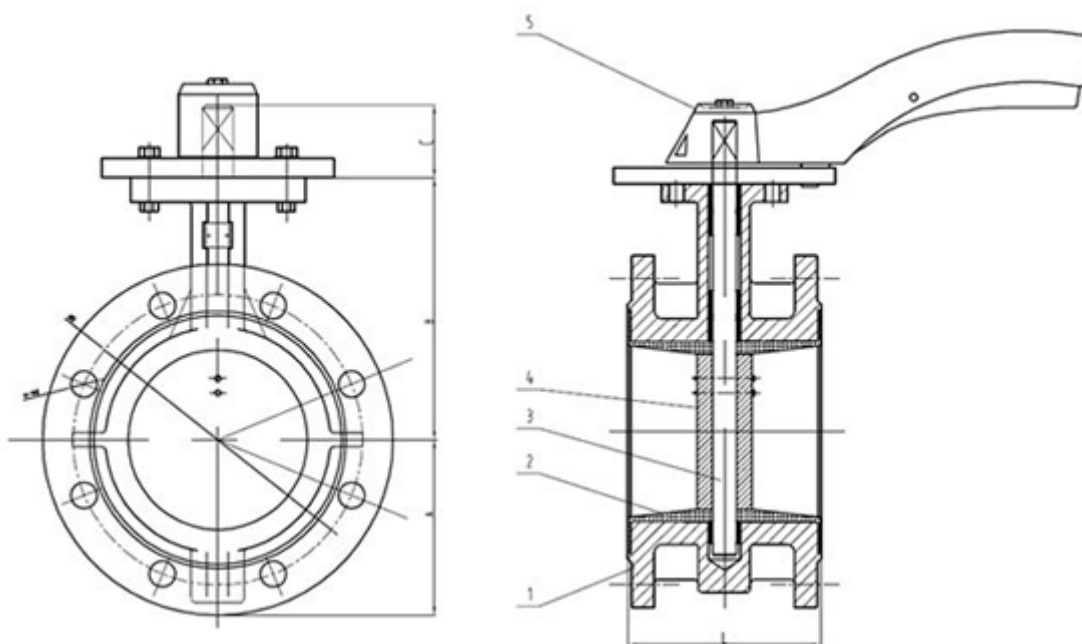
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (inch)	A	B	C	L
DN50	2"	69.5	126.5	32	108
DN65	2.5"	72	136	32	112
DN80	3"	88	146	32	114
DN100	4"	96.5	158	32	127
DN125	5"	115	179	32	140
DN150	6"	126	197	32	140
DN200	8"	161	230	45	152



Pneumatic Flanged Butterfly Valve

Size Range: 2"-44"/DN50-DN1200

Pressure: 10K/150LB

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

Introduction

Product advantages:

1. Valve body procurement QT450-10 material, spheroidization rate of 3 or more, mechanical properties fully up to standard, tensile strength 450Mpa, elongation rate greater than 10%, not easy to crack, crack.

2. The valve body is solid body, the same DN weight is heavier than other manufacturers.

3.Seat rubber uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.

4.The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250μm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months.

5.Pneumatic head adopts double-piston rack structure, precise meshing, high efficiency and constant output torque.

6.The cylinder body is an extruded aluminum alloy and hard anodized. The inner surface has a hard texture and high strength and hardness. The use of low-friction materials made of sliding bearings, to avoid direct contact between the metal, low friction coefficient, flexible rotation, long service life.

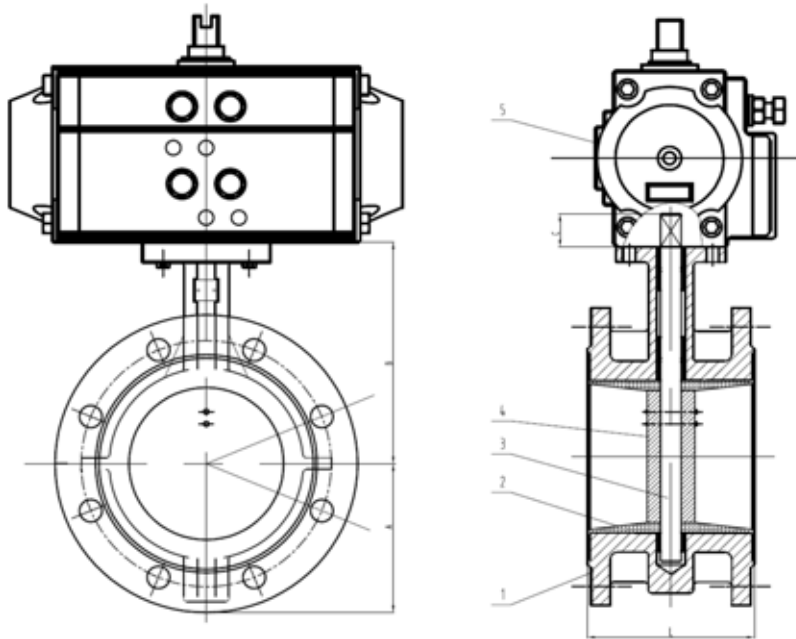
7.Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Ruderland is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.

8.Every Ruide product has its own two-dimensional code identification from the accessories to the finished product, the unique ID ID number, to ensure that the product can be traced.

9.The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.

10.Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Within two years, one is lost and one is lost. The quality of the product is unconditional.

Parameters



DN	NPS (inch)	A	B	C	L
DN50	2"	69.5	126.5	32	108
DN65	2.5"	72	136	32	112
DN80	3"	88	146	32	114
DN100	4"	96.5	158	32	127
DN125	5"	115	179	32	140
DN150	6"	126	197	32	140
DN200	8"	161	230	45	152
DN250	10"	199	271	45	165
DN300	12"	215	305	45	178
DN350	14"	261	350	45	190
DN400	16"	290	381	51	216
DN450	18"	307	392	51	222
DN500	20"	340	441	57	229
DN600	24"	396	500	70	267
DN700	28"	496	567	66	292
DN800	32"	543	641	66	318
DN900	36"	584	692	118	330
DN1000	40"	638	735	142	410
DN1200	44"	763	917	150	470



Motorized Flanged Butterfly Valve

Size Range: 2"-44"/DN50-DN1200

Pressure: 5K/10K/150LB

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR, EPDM, VITON, PTFE

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

Introduction

Product advantages:

1.The valve body and disc is all adopted QT450-10 material, the ball rate is above grade 3, the mechanical performance is fully up to standard, the tensile strength is 450Mpa, and the elongation rate is more than

10%. It is not easy to crack or freeze.

2.The valve body is solid body, the same caliber weight is heavier than other manufacturers.

3.The electric device is compact and beautiful in appearance, with a volume weight equivalent to only 1/3 of that of similar products, a large reduction in required space, light weight, and easy installation.

4.Seat uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.

5.The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250μm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months.

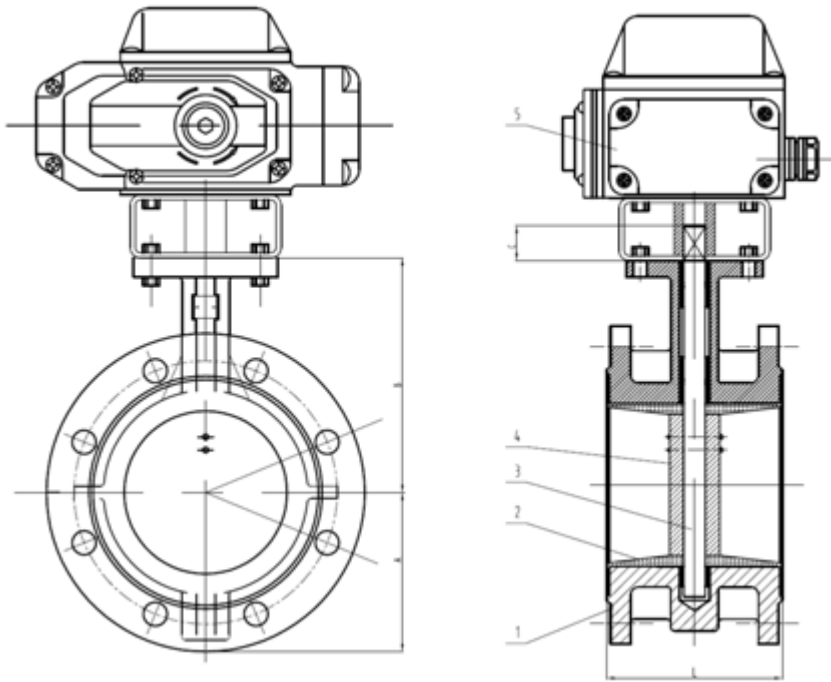
6.Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Bundor is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.

7.Every Bundor product has its own two-dimensional code identification from the accessories to the finished product, the unique ID number, to ensure that the product can be traced.

8.The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.

9.Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Pay two back if one bad within two years. The quality of the product is unconditional.

Parameters



DN	NPS (inch)	A	B	C	L
DN50	2"	69.5	126.5	32	108
DN65	2.5"	72	136	32	112
DN80	3"	88	146	32	114
DN100	4"	96.5	158	32	127
DN125	5"	115	179	32	140
DN150	6"	126	197	32	140
DN200	8"	161	230	45	152
DN250	10"	199	271	45	165
DN300	12"	215	305	45	178
DN350	14"	261	350	45	190
DN400	16"	290	381	51	216
DN450	18"	307	392	51	222
DN500	20"	340	441	57	229
DN600	24"	396	500	70	267
DN700	28"	496	567	66	292
DN800	32"	543	641	66	318
DN900	36"	584	692	118	330
DN1000	40"	638	735	142	410
DN1200	44"	763	917	150	470



Double Offset Butterfly Valve

Size Range: 2"-96"/DN50-2400

Pressure: PN1.0/1.6Mpa

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: Ductile Iron

Stem Materials: 45#stainless steel

Introduction

Features:

Applicable medium : Fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : -20 degrees Celsius to 120 degrees Celsius

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

Product advantages:

1. Improved mechanical performance

The valve body plate is made of ductile iron with nodulizing rate above grade 3.

2. Reduced friction resistance

The self-lubricating sleeve bearing is used as the support of the valve shaft, which can effectively reduce the friction generated in the drive process of the valve shaft.

3. Good sealing performance

Seat facing stainless steel ensures seal between valve plate and seat.

4. More stable performance

The valve body is solid, the weight of the same caliber is higher than that of other manufacturers.

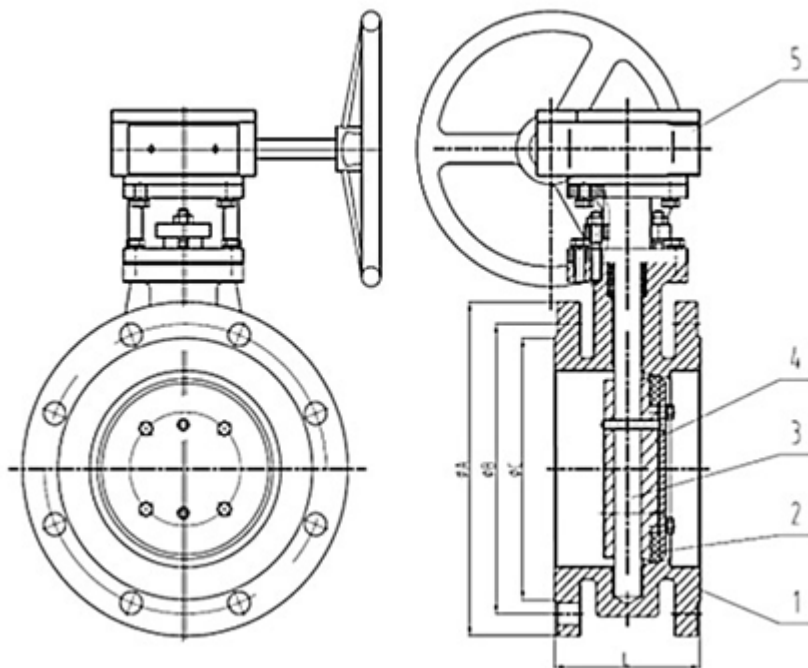
5. Repeated quality testing to ensure product quality

Every link from spare parts to finished product packing has been tested strictly.

7. Two years warranty, pay two back if one bad

The products of Bundor are insured by the Pacific insurance company with 10 million quality, and the quality is guaranteed for two years.

Parameters



DN	NPS	A	B	C	L	A	B	C
50	2"	165	125	99	108	165	125	99
65	2 1/2"	185	145	118	112	185	145	118

80	3"	200	160	132	114	200	160	132
100	4"	220	180	156	127	220	180	156
125	5"	250	210	184	140	250	210	184
150	6"	285	240	211	140	285	240	211
200	8"	340	295	266	152	340	295	266
250	10"	395	350	319	165	405	355	319
300	12"	445	400	370	178	460	410	370
350	14"	505	460	429	190	520	470	429
400	16"	565	515	480	216	580	525	480
450	18"	615	565	530	222	640	585	548
500	20"	670	620	582	229	715	650	609
600	24"	780	725	682	267	840	770	720
700	28"	895	840	794	292	910	840	794
800	32"	1015	950	901	318	1025	950	901
900	36"	1115	1050	1001	330	1125	1050	1001
1000	40"	1230	1160	1112	410	1255	1170	1112
1200	48"	1455	1380	1328	470	1485	1390	1328
1400	56"	1675	1590	1530	530	1685	1590	1530
1600	64"	1915	1820	1750	600	1930	1820	1750
1800	72"	2115	2020	1950	670	2130	2020	1950
2000	80"	2325	2230	2150	760	2345	2230	2150
2200	88"	2550	2440	2295	800	2550	2440	2295
2400	96"	2760	2650	2495	850	2760	2650	2495



Triple Eccentric Flange Butterfly Valve

Size Range: DN50-DN2400

Pressure: PN10/16

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

Seat Materials: NBR/EPDM/PTFE/SI

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

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316

Introduction

Eccentric flange butterfly valve is our new design, it is mainly used in the pipeline of water, power plants, steel smelting, chemical industry, papermaking, water projects, environmental facilities, etc. Especially used for regulation in water pipes and closure equipment.

Product Advantage

- 1, Reasonable design, compact structure, easy to assemble and repair
- 2, Eccentric structure, Reduce seal friction, extended service life
- 3, The valve disc seal with “T” type structure, sealing pair is linear sealing
- 4, Completely sealing, zero leakage
- 5, Replaceable sealing ring, O-ring, disc, stem and other parts to suit different medium and temperature

Standard Test

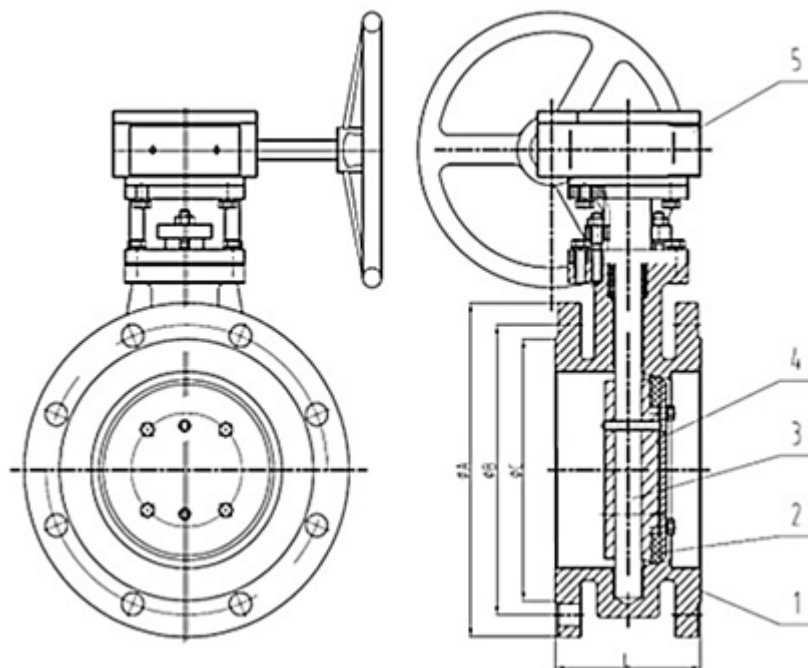
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (Inch)	A	B	C	L	A	B	C
50	2"	165	125	99	108	165	125	99
65	2 1/2"	185	145	118	112	185	145	118

80	3"	200	160	132	114	200	160	132
100	4"	220	180	156	127	220	180	156
125	5"	250	210	184	140	250	210	184
150	6"	285	240	211	140	285	240	211
200	8"	340	295	266	152	340	295	266
250	10"	395	350	319	165	405	355	319
300	12"	445	400	370	178	460	410	370
350	14"	505	460	429	190	520	470	429
400	16"	565	515	480	216	580	525	480
450	18"	615	565	530	222	640	585	548
500	20"	670	620	582	229	715	650	609
600	24"	780	725	682	267	840	770	720
700	28"	895	840	794	292	910	840	794
800	32"	1015	950	901	318	1025	950	901
900	36"	1115	1050	1001	330	1125	1050	1001
1000	40"	1230	1160	1112	410	1255	1170	1112
1200	48"	1455	1380	1328	470	1485	1390	1328
1400	56"	1675	1590	1530	530	1685	1590	1530
1600	64"	1915	1820	1750	600	1930	1820	1750
1800	72"	2115	2020	1950	670	2130	2020	1950
2000	80"	2325	2230	2150	760	2345	2230	2150
2200	88"	2550	2440	2295	800	2550	2440	2295
2400	96"	2760	2650	2495	850	2760	2650	2495



Triple Eccentric Butterfly Valve

Size Range: DN50-DN2000

Pressure: PN16/25/40/63

Body Materials: WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: cr/304/316

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

Stem Materials: 2Cr13/Cr13/304/316

Introduction

Features:

Three Eccentric Design

Stainless Steel sealing, good sealing performance with both low temperature and high temperature, anti-

corrosive, long life
Sealing seat anti-frictional and long life
Bi-Directional
Fire safe Design
Low Friction Body Seat

Product Advantages:

1. The valve body is all precision cast valve body. The material of WCB is up to standard and the appearance is fine. There is no trachoma and every batch of casting has furnace number sign, which is convenient for production tracking and material protection inspection.
2. The valve body adopts ZG250-485 material that conforms to the national standard, and it undergoes 15 processes from the original iron to the valve body.
3. The CNC lathe processing butterfly plate, the sealing ring is a soft and hard multi-layered metal ring, with the dual advantages of metal and elastic seal, to ensure excellent sealing performance in high temperature and low temperature environment.
4. The valve stem is made of stainless steel. After quenching and tempering, the strength of the valve stem is doubled, which reduces the problem of opening and closing and leakage caused by deformation of the valve stem.
5. After the production of finished products, each product shall be coated with lead-free paint three times for the primer and topcoat to ensure the brightness and rust resistance of the product's appearance.
6. After the product is pressured and adjusted, the turbine adjusting screw is processed again, and the lengths of the products are adjusted to be consistent. The turbine adjusting screws of each product are equipped with protective nuts to protect the adjusting screws from damage.
7. The valve plate is heavy, the valve stem is thick, the pin is large, the valve seat is processed with fineness, flatness, and no welding bead.
8. The quality inspection from the blank to the packaging of finished product.
9. Bundor brand products are covered by the China Pacific Insurance with 10 million dollars, 2 years warranty, pay two back if one bad, any quality problem of the product itself, we will pay without conditions.

Adoptive Standards:

Valve Design: API 609, MSS SP-67
Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1
Pressure Test: API 598
Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16
Top Flange: ISO5211

Standard Test :

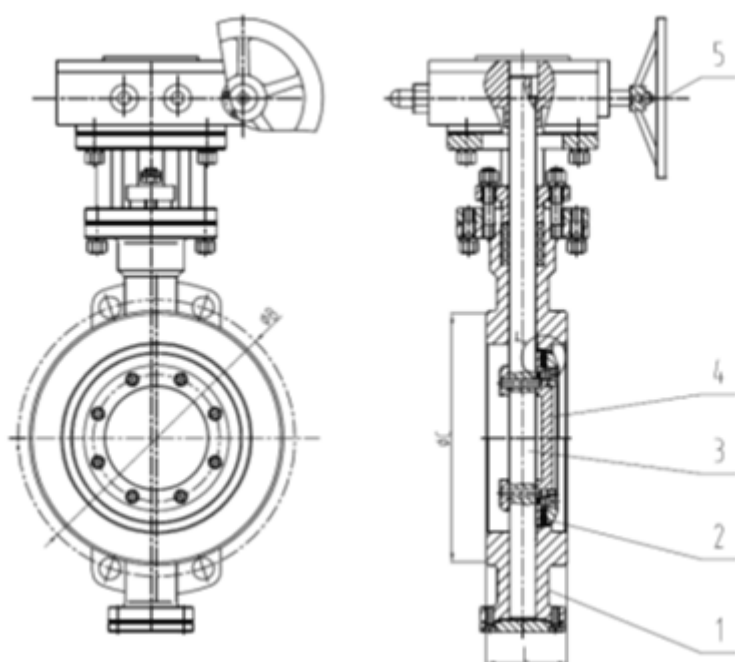
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (Inch)	L	ΦB	ΦC	ΦB	ΦC	ΦB	ΦC	ΦB	ΦC
50	2"	108	125	102	125	102	125	102	135	102
65	2 1/2"	112	145	122	145	122	145	122	160	122
80	3"	114	160	138	160	138	160	138	170	138
100	4"	127	180	158	190	162	190	162	200	162
125	5"	140	210	188	220	188	220	188	240	188
150	6"	140	240	212	250	218	250	218	280	218
200	8"	152	295	268	310	278	320	285	345	285
250	10"	165	355	320	370	335	385	345	400	345
300	12"	178	410	378	430	395	450	410	460	410
350	14"	190	470	438	490	450	510	465	525	465

400	16"	216	525	490	550	505	585	535	585	535
450	18"	222	585	550	600	555	610	560	/	
500	20"	229	650	610	660	615	670	615		
600	24"	267	770	725	770	720	795	735		
700	28"	292	840	795	875	820	/			
800	32"	318	950	900	990	930				
900	36"	330	1050	1000	1090	1030				
1000	40"	410	1170	1115	1210	1140				
1200	48"	470	1390	1330	1420	1350				
1400	56"	530	1590	1530	1640	1560				
1600	64"	600	1820	1750	1860	1780				
1800	72"	670	2020	1950	2070	1985				
2000	80"	760	2230	2150	2300	2210				



Worm Gear Operated Wafer Butterfly Valve

Size Range: 2.5"/DN65

Pressure: 5K/10K/150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: Ductile Iron

Stem Materials: stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : according to seat material

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5. Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

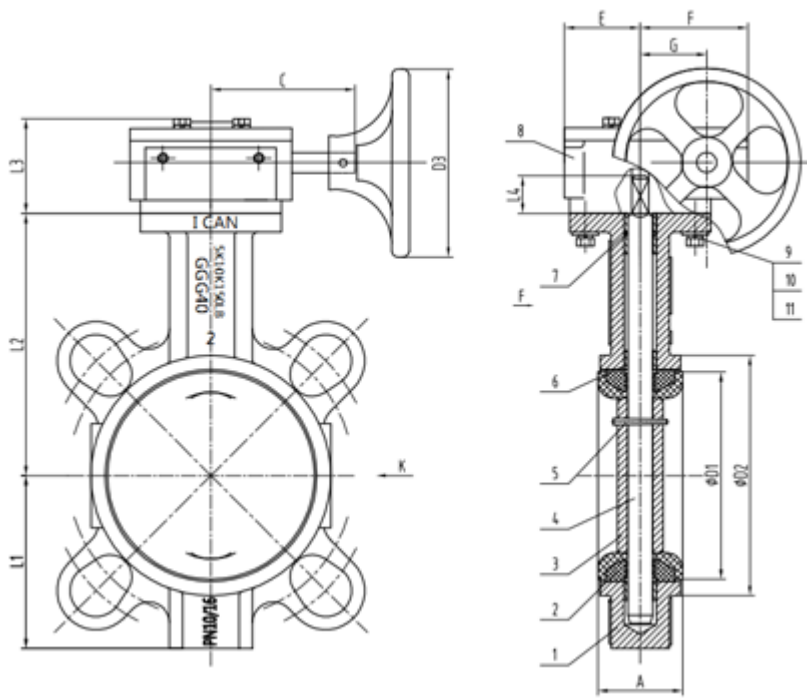
6. Intelligent test and pressure test to ensure product quality

Each product is pressure tested by the Bundor intelligent testing equipment, and the inspection report is automatically generated. Every data and report is kept for 5 years to ensure the delivery qualified rate.

7. Solid body valve body, more stable

Valve body is solid body, same caliber weight is heavier than other manufacturers.

Parameters



NPS	DN	A	D1	D2	L1	L2	L3	L4	B	C	E	F	G	φD3	Top Flange
2"	DN50	45	73.3	92.3	75	129	59	24	9	110	45	67	44	136	F05
2.5"	DN65	49	86	107	82	136	59	24	9	110	45	67	44	136	F05
3"	DN80	49	100.9	122	99	153	59	24	9	110	45	67	44	136	F05
4"	DN100	55	132	153	110	167	59	24	11	110	45	67	44	136	F07
5"	DN125	58.5	156	179	125	193	59	24	14	110	45	67	44	136	F07
6"	DN150	59	185.4	208.4	145	209	59	24	14	110	45	67	44	136	F07
8"	DN200	64.5	235.2	262.3	170	251	75	30	17	172	61	85	53	277	F10
10"	DN250	72	289.4	316.3	213	283	75	30	22	172	61	85	53	277	F10
12"	DN300	82	341.2	372	240	315	82	30	22	165	78	109	79	277	F10



Double Stem Wafer Butterfly Valve

Size Range: 2"-8"/DN50-DN200

Pressure: 5K/10K/150LB/Class125

Body Materials: Cast Iron/Ductile Iron

Seat Materials: NBR/EPDM/VITON/PTFE

Disc Materials: Ductile Iron/WCB/CF8/CF8M/Al-bronze C958

Stem Materials: SS416/SS304/SS316

Introduction

Features:

24 months guarantee

Zero Leakage

Bi-Directional
Low Torque,long life cycle
360°polished disc assures positive on-off
Epoxy coated body,smooth surface
Various kinds of materials,applicable to different medium

Adoptive Standards

Valve Design: API 609, MSS SP-67
Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1
Pressure Test: API 598
Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16
Top Flange: ISO5211

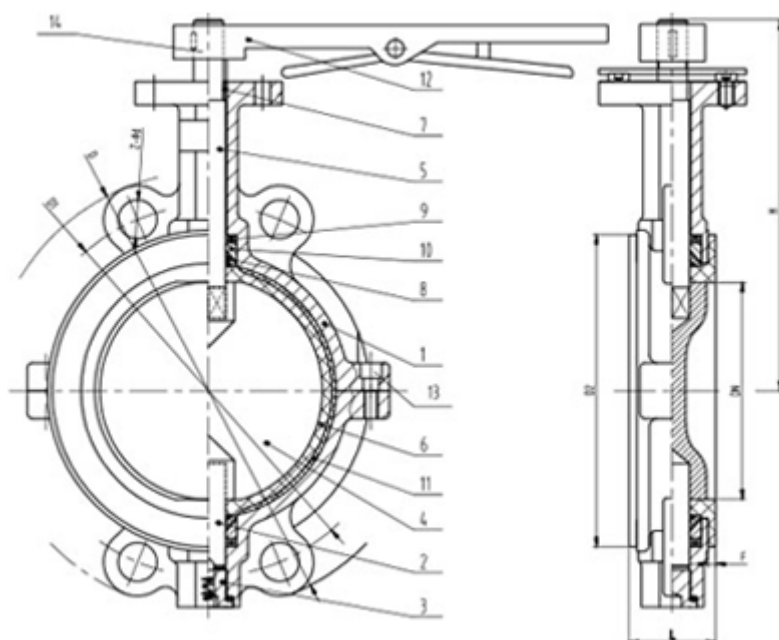
Product Advantage

- 1.The length of the short structure can save raw materials and installation space, and also effectively support the strength of the pipeline
- 2.The valve block is the correct movement of the gate, extrusion fast, to ensure effective sealing valve
- 3.Triangle support material, guarantee the required mechanical properties
- 4.According to different working conditions demand design V, triangle, or five corners and other ports, in order to meet the needs of various flow regulation
- 5.No groove at the bottom to make sure no slag and full bore flow
- 6.Bundor valve strict implementation of the API598 experimental standard, for each product to implement 100% positive and negative double pressure test, guarantee delivery to customers is 100% qualified products
- 7.Bundor Group dedicated to the dedication of the valve for 23 years, with professional production, sales, research and after-sales team,we are your strong backing.

Standard Test

Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.
Seat Test: 1.1 times the working pressure with water.
Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.
Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



SIZE		A	B	C	L	ANSI 150B		DIN PN 10		DIN PN 16		JIS 10K		ISO 5211			Top Flange
m	in					øK	N-ød	øK	N-ød	øK	N-ød	øK	N-ød	øD	øD 1	N-ø G	
40	1.5"	67	14	32	33	98.5	4-ø16	110	4-ø18	110	4-ø18	105	4-ø19	65	50	4-ø8	F05
50	2"	67	14	32	43	120.6	4-ø19	125	4-ø18	125	4-ø18	120	4-ø19	65	50	4-ø8	F05
65	2½"	75	15	32	46	139.7	4-ø19	145	4-ø18	145	4-ø18	140	4-ø19	65	50	4-ø8	F05
80	3"	95	16	32	46	152.4	4-ø19	160	8-ø18	160	8-ø18	150	8-ø19	65	50	4-ø8	F05
100	4"	111	18	32	52	190.5	8-ø19	180	8-ø18	180	8-ø18	175	8-ø19	90	70	4-ø10	F07
125	5"	129	19	32	56	215.9	8-ø22.4	210	8-ø18	210	8-ø18	210	8-ø23	90	70	4-ø10	F07
150	6"	142	20	32	56	241.3	8-ø22.4	240	8-ø22	240	8-ø22	240	8-ø23	90	70	4-ø10	F07
200	8"	170	24	45	60	298.4	8-ø22.4	295	8-ø22	295	12-ø22	290	12-ø23	125	102	4-ø12	F10

25 0	10"	20 6	27 0	45	68	361. 9	12- ø25.4	35 0	12- ø22	35 5	12- ø26	35 5	12- ø25	12 5	102	4-ø1 2	F10
30 0	12"	23 8	31 6	45	78	431. 8	12- ø25.4	40 0	12- ø22	41 0	12- ø26	40 0	16- ø25	12 5	102	4-ø1 2	F10



PTFE Seat Wafer Butterfly Valve

Size Range: 2"-8"/DN50-DN200

Pressure: 5K/10K/150LB/Class125

Body Materials: Cast Iron/Ductile Iron

Seat Materials: PTFE

Disc Materials: DI/WCB/CF8/CF8M

Stem Materials: SS416/SS304/SS316

Introduction

Features:

24 months guarantee

Zero Leakage

Bi-Directional

Seaworthy packing:

- 1.PTFE Seat wafer butterfly valve is packed with foam plastic bag.
- 2.Put sponge in each floor, 1.1*1.1*0.78m export plywood case.
- 3.One 20' container can in bulk loaded on 24pcs plywood cases more or less.
- 4.We can pack according to specific customer requests.
- 5.Customers' logos are available on package.
- 6.Low Torque,long life cycle.
- 7.360°polished disc assures positive on-off.
- 8.Epoxy coated body,smooth surface.
- 9.Various kinds of materials,applicable to different medium.

Adoptive Standards

Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Standard Test

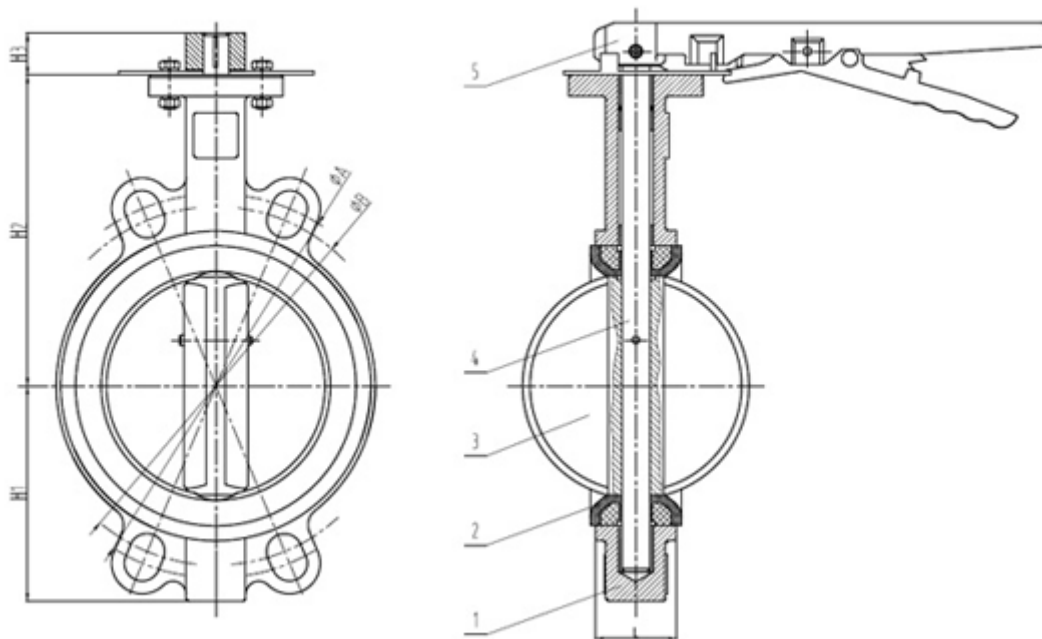
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



SIZE		A	B	C	L	DIN PN 10		DIN PN 16		ANSI 150 B		JIS 10K		ISO 5211			Top F lange	B1X B1
m	in					ØK	N-Ø d	ØK	N-Ø d	ØK	N-Ød	ØK	N-Ø d	ØD	ØD 1	N-Ø G		
40	1.5"	67	14 1	32	33	11 0	4-Ø1 8	11 0	4-Ø1 8	98. 5	4-Ø1 6	10 5	4-Ø1 9	65	50	4-Ø 8	F05	9X9
50	2"	67	14 1	32	43	12 5	4-Ø1 8	12 5	4-Ø1 8	120 .6	4-Ø1 9	12 0	4-Ø1 9	65	50	4-Ø 8	F05	9X9
65	2½"	75	15 1	32	46	14 5	4-Ø1 8	14 5	4-Ø1 8	139 .7	4-Ø1 9	14 0	4-Ø1 9	65	50	4-Ø 8	F05	9X9
80	3"	95	16 0	32	46	16 0	8-Ø1 8	16 0	8-Ø1 8	152 .4	4-Ø1 9	15 0	8-Ø1 9	65	50	4-Ø 8	F05	9X9
100	4"	111	18 0	32	52	18 0	8-Ø1 8	18 0	8-Ø1 8	190 .5	8-Ø1 9	17 5	8-Ø1 9	90	70	4-Ø 10	F07	11X 11
125	5"	129	19 3	32	56	21 0	8-Ø1 8	21 0	8-Ø1 8	215 .9	8-Ø2 2.4	21 0	8-Ø2 3	90	70	4-Ø 10	F07	14X 14
150	6"	142	20 7	32	56	24 0	8-Ø2 2	24 0	8-Ø2 2	241 .3	8-Ø2 2.4	24 0	8-Ø2 3	90	70	4-Ø 10	F07	14X 14
200	8"	170	24 0	45	60	29 5	8-Ø2 2	29 5	12- Ø22	298 .4	8-Ø2 2.4	29 0	12- Ø23	12 5	10 2	4-Ø 12	F10	17X 17

25 0	10"	20 6	27 0	45	68	35 0	12- ø22	35 5	12- ø22	361 .9	12- ø25. 4	35 5	12- ø25	12 5	10 2	4-ø 12	F10	22X 22
30 0	12"	23 8	31 6	45	78	40 0	12- ø22	41 0	12- ø26	431 .8	12- ø25. 4	40 0	16- ø25	12 5	10 2	4-ø 12	F10	22X 22
35 0	14"	26 7	36 8	45	78	46 0	16- ø22	47 0	16- ø26	476 .2	12- ø28. 4	44 5	16- ø25	12 5	10 2	4-ø 12	F10	22X 22
40 0	16"	29 8	40 0	51	86	51 5	12- ø26	52 5	16- ø30	539 .7	16- ø28. 4	51 0	16- ø27	17 5	14 0	4-ø 18	F14	
45 0	18"	31 8	42 2	51	10 5	56 5	20- ø26	58 5	20- ø30	577 .8	16- ø31. 8	56 5	20- ø27	17 5	14 0	4-ø 18	F14	
50 0	20"	34 9	47 9	57	13 0	62 0	20- ø26	65 0	20- ø33	635	20- ø31. 8	62 0	20- ø27	17 5	14 0	4-ø 18	F14	
60 0	24"	41 0	56 2	70	15 2	72 5	20- ø30	77 0	20- ø36	749 .3	20- ø35. 1	73 0	24- ø33	21 0	16 5	4-ø 22	F16	



Manual Operated DI Body Wafer Butterfly Valve

Size Range: 2.5"/DN65

Pressure: 5K/10K/150LB

Body Materials: Ductile Iron

Seat Materials: EPDM

Disc Materials: 304stainless steel

Stem Materials: 304stainless steel

Introduction

Features:

Applicable medium : fresh water, sewage, sea water, weak acid and alkali, air, steam, etc.

Suitable temperature : according to seat material

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

Product advantages:

1.Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2.Standard EPDM rubber seat with reliable leak free performance

Seat rubber USES EPDM rubber in accordance with standard. Seat elasticity and tension are more stable and reliable.

3.The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

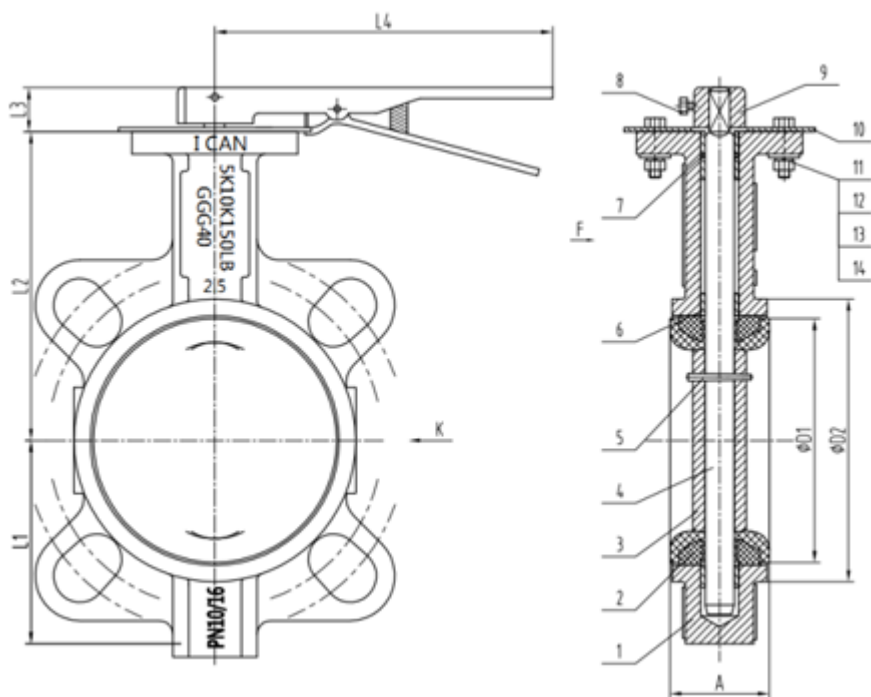
4.Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

5.Special spraying valve body, 36 months without discoloring

The surface of the valve body adopts the electrostatic powder thermal spraying technology, which is more environmentally friendly and weather resistant, and ensures that the valve body does not change color for 36 months.

Parameters



DN	NPS	A	D1	D2	L1	L2	L3	L4	B	Top Flange
DN50	2"	45	73.3	92.3	75	129	24	220	9	F05
DN65	2.5"	49	86	107	82	136	24	220	9	F05
DN80	3"	49	100.9	122	99	153	24	220	9	F05
DN100	4"	55	132	153	110	167	24	250	11	F07
DN125	5"	58.5	156	179	125	193	24	250	14	F07
DN150	6"	59	185.4	208.4	145	209	24	302	14	F07
DN200	8"	64.5	235.2	262.3	170	251	30	360	17	F10



PTFE Seat Worm Gear Butterfly Valve

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

Pressure: 5K/10K/150LB

Body Materials: WCB

Seat Materials: PTFE

Disc Materials: WCB

Stem Materials: 2Cr13stainless steel

Introduction

Features:

Applicable medium : Water, weak acid and alkali, air, steam, oil, etc.

Suitable temperature : 0 degrees Celsius to 150 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 with fine appearance

All the valve body is made of WCB material with fine appearance. Each batch of casting has a specific number to facilitate production tracking and quality inspection.

2. The seat is reprocessed and shaped, with good sealing performance

PTFE seat is machined into shape after integral die casting to ensure density and tightness.

3. Double seal to avoid leakage

Double sealing ring is used on both sides of valve shaft to avoid leakage at valve shaft.

4. Special process painting, effective anti-corrosion

The valve body is electrostatic coated with powder epoxy resin, which can effectively prevent corrosion and rust caused by the contact between the valve body and the medium, and can be used in the sewage system.

5. Select raw materials with reliable quality

All raw materials of PTFE adopt domestic first-line brands.

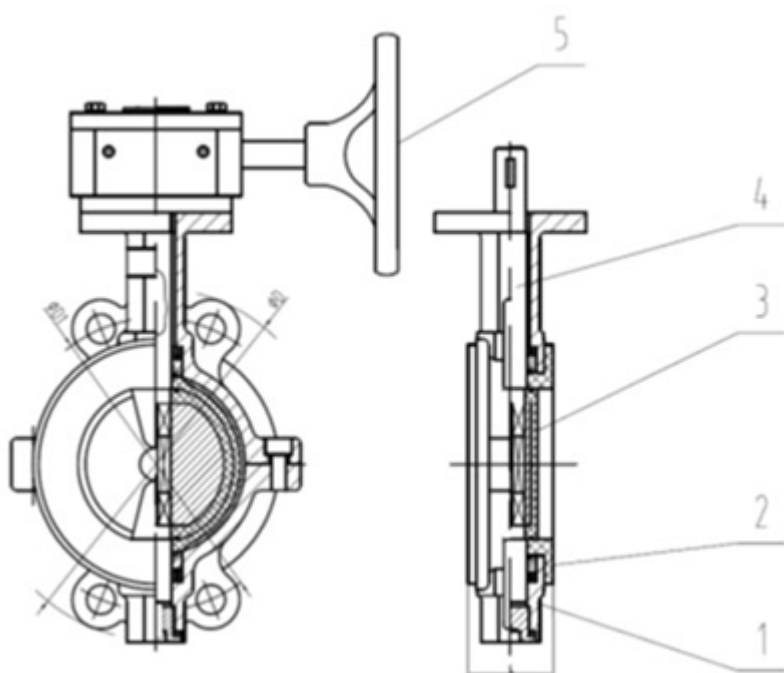
6. Repeated quality inspection to ensure product quality

From parts and parts to finished packaging factory each link strict quality control.

7. Two years warranty, pay two back if one bad

The products of Bundor are insured by the Pacific insurance company with 10 million quality, and the quality is guaranteed for two years.

Parameters



DN	NPS	L	ΦD	ΦD1	ΦD	ΦD1	ΦD	ΦD1
50	2"	43	165	125	165	125	165	120.7
65	2 1/2"	46	185	145	185	145	185	139.7
80	3"	46	200	160	200	160	200	152.4
100	4"	52	220	180	220	180	220	190.5
125	5"	56	250	210	250	210	250	215.9
150	6"	56	285	240	285	240	285	241.3
200	8"	60	340	295	340	295	340	298.5
250	10"	68	395	350	405	355	405	362
300	12"	78	445	400	460	410	460	431.8
350	14"	78	505	460	520	470	520	476.3
400	16"	102	565	515	580	525	580	539.8
450	18"	114	615	565	640	585	640	577.9
500	20"	127	670	620	715	650	715	635
600	24"	154	780	725	840	770	840	749.3



PN16 PTFE Seat Butterfly Valve

Size Range: 2"-8"/DN50-DN200

Pressure: 5K/10K/150LB/Class125

Body Materials: Cast Iron/Ductile Iron

Seat Materials: PTFE

Disc Materials: Ductile Iron/WCB/CF8/CF8M/Al-bronze C958

Stem Materials: SS416/SS304/SS316

Introduction

Features:

24 months guarantee

Zero Leakage

Bi-Directional
Low Torque, long life cycle
360° polished disc assures positive on-off
Epoxy coated body, smooth surface
Various kinds of materials, applicable to different medium

Adoptive Standards

Valve Design: API 609, MSS SP-67
Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1
Pressure Test: API 598
Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16
Top Flange: ISO5211

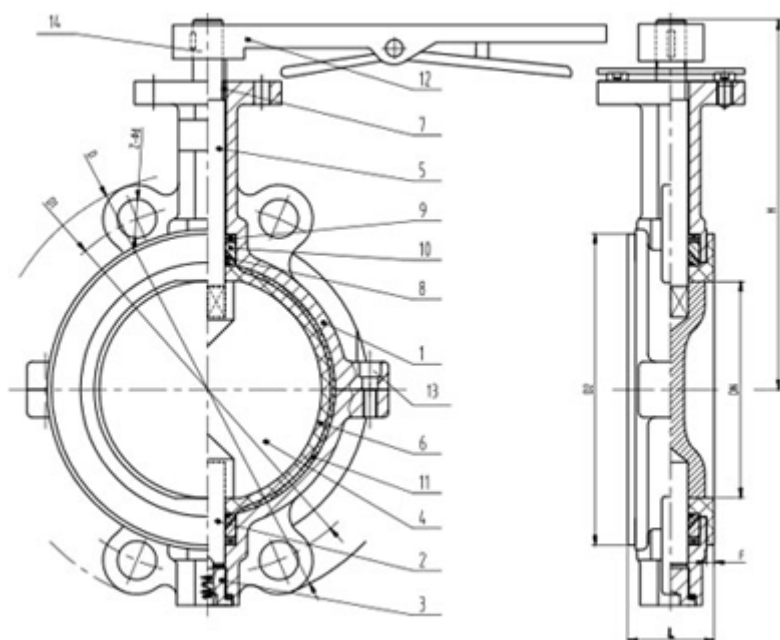
Product Advantage

1. The length of the short structure can save raw materials and installation space, and also effectively support the strength of the pipeline
2. The valve block is the correct movement of the gate, extrusion fast, to ensure effective sealing valve
3. Triangle support material, guarantee the required mechanical properties
4. According to different working conditions demand design V, triangle, or five corners and other ports, in order to meet the needs of various flow regulation
5. No groove at the bottom to make sure no slag and full bore flow
6. Bundor valve strict implementation of the API598 experimental standard, for each product to implement 100% positive and negative double pressure test, guarantee delivery to customers is 100% qualified products
7. Bundor Group dedicated to the dedication of the valve for 23 years, with professional production, sales, research and after-sales team, we are your strong backing.

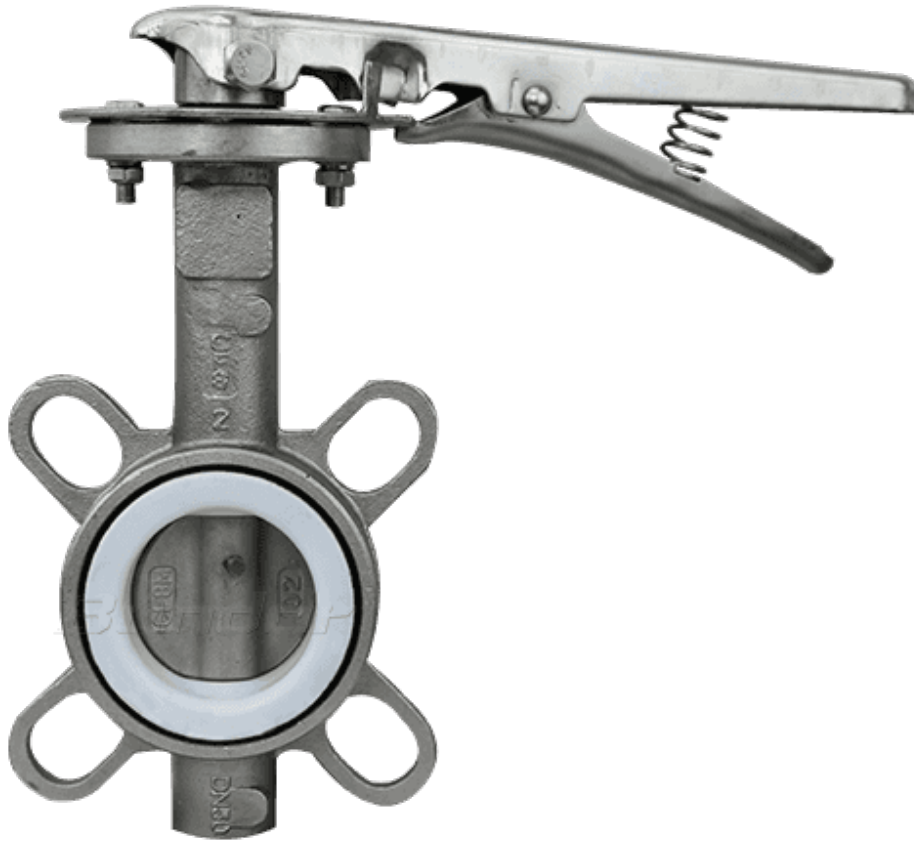
Standard Test

Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.
Seat Test: 1.1 times the working pressure with water.
Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.
Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



SIZE		A	B	C	L	JI8 5K		JI8 10K		ISO 5211			Top Flange	B1XB1
mm	in					øK	N-ød	øK	N-ød	øD	øD1	N-øG		
50	2"	76	140	32	43	105	4-ø15	120	4-ø19	65	50	4-ø8	F05	9X9
65	2½"	85	152	32	46	130	4-ø15	140	4-ø19	65	50	4-ø8	F05	9X9
80	3"	95	157	32	46	145	8-ø19	150	8-ø19	65	50	4-ø8	F05	9X9
100	4"	110	176	32	52	165	8-ø19	175	8-ø19	90	70	4-ø10	F07	11X11
125	5"	125	191	32	56	200	8-ø19	210	8-ø23	90	70	4-ø10	F07	14X14
150	6"	139	202	32	56	230	8-ø19	240	8-ø23	90	70	4-ø10	F07	14X14
200	8"	175	243	45	60	280	8-ø23	290	12-ø23	125	102	4-ø12	F10	17X17
250	10"	203	283	45	68	345	12-ø23	355	12-ø25	125	102	4-ø12	F10	22X22
300	12"	238	322	45	78	390	12-ø23	400	16-ø25	125	102	4-ø12	F10	22X22



Stainless Steel Wafer Butterfly Valve

Size Range: 2"-8"/DN50-DN200

Pressure: 5K/10K/150LB/Class125

Body Materials: SS304/SS316

Seat Materials: NBR/EPDM/VITON/PTFE

Disc Materials: CF8/CF8M

Stem Materials: SS416/SS304/SS316

Introduction

Features:

Single Eccentric Disc-Shaft

Anti-Blow Out Stem

Bi-Directional
Fire safe Design
Low Friction Body Seat
Zero Leakage

Adoptive Standards:

Valve Design: API 609, MSS SP-67
Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1
Pressure Test: API 598
Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16
Top Flange: ISO5211

Product Advantage

- 1.The length of the short structure can save raw materials and installation space, and also effectively support the strength of the pipeline
- 2.The valve block is the correct movement of the gate, extrusion fast, to ensure effective sealing valve
- 3.Triangle support material, guarantee the required mechanical properties
- 4.According to different working conditions demand design V, triangle, or five corners and other ports, in order to meet the needs of various flow regulation
- 5.No groove at the bottom to make sure no slag and full bore flow
- 6.Bundor valve strict implementation of the API598 experimental standard, for each product to implement 100% positive and negative double pressure test, guarantee delivery to customers is 100% qualified products
- 7.Bundor Group dedicated to the dedication of the valve for 23 years, with professional production, sales, research and after-sales team,we are your strong backing.

Standard Test :

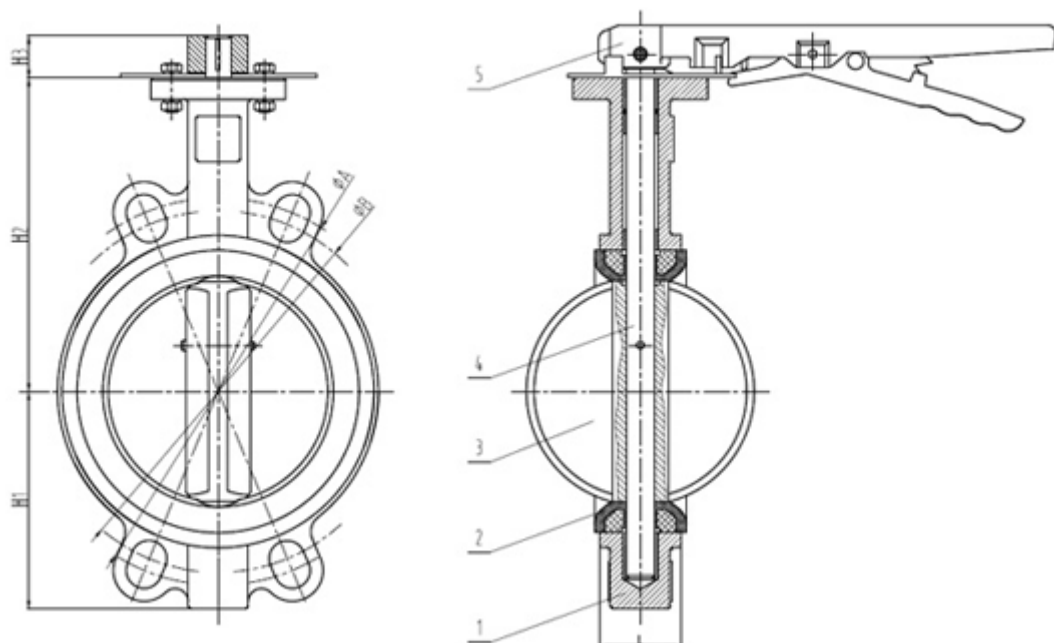
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



SIZE		A	B	C	L	ANSI 150B		DIN PN 10		DIN PN 16		JIS 10K		ISO 5211			Top Flange
m	in					ØK	N-Ød	ØK	N-Ød	ØK	N-Ød	ØK	N-Ød	ØD	ØD 1	N-Ø G	
40	1.5"	67	14 1	32	33	98.5	4-Ø16	11 0	4-Ø1 8	11 0	4-Ø1 8	10 5	4-Ø1 9	65	50	4-Ø8	F05
50	2"	67	14 1	32	43	120. 6	4-Ø19	12 5	4-Ø1 8	12 5	4-Ø1 8	12 0	4-Ø1 9	65	50	4-Ø8	F05
65	2½"	75	15 1	32	46	139. 7	4-Ø19	14 5	4-Ø1 8	14 5	4-Ø1 8	14 0	4-Ø1 9	65	50	4-Ø8	F05
80	3"	95	16 0	32	46	152. 4	4-Ø19	16 0	8-Ø1 8	16 0	8-Ø1 8	15 0	8-Ø1 9	65	50	4-Ø8	F05
100	4"	111	18 0	32	52	190. 5	8-Ø19	18 0	8-Ø1 8	18 0	8-Ø1 8	17 5	8-Ø1 9	90	70	4-Ø1 0	F07
125	5"	129	19 3	32	56	215. 9	8-Ø22 .4	21 0	8-Ø1 8	21 0	8-Ø1 8	21 0	8-Ø2 3	90	70	4-Ø1 0	F07
150	6"	142	20 7	32	56	241. 3	8-Ø22 .4	24 0	8-Ø2 2	24 0	8-Ø2 2	24 0	8-Ø2 3	90	70	4-Ø1 0	F07

20 0	8"	17 0	24 0	45	60	298. 4	8-ø22 .4	29 5	8-ø2 2	29 5	12- ø22	29 0	12- ø23	12 5	102	4-ø1 2	F10
25 0	10"	20 6	27 0	45	68	361. 9	12- ø25.4	35 0	12- ø22	35 5	12- ø26	35 5	12- ø25	12 5	102	4-ø1 2	F10
30 0	12"	23 8	31 6	45	78	431. 8	12- ø25.4	40 0	12- ø22	41 0	12- ø26	40 0	16- ø25	12 5	102	4-ø1 2	F10
35 0	14"	26 7	36 8	45	78	476. 2	12- ø28.4	46 0	16- ø22	47 0	16- ø26	44 5	16- ø25	12 5	102	4-ø1 2	F10
40 0	16"	29 8	40 0	51	86	539. 7	16- ø28.4	51 5	12- ø26	52 5	16- ø30	51 0	16- ø27	17 5	140	4-ø1 8	F14
45 0	18"	31 8	42 2	51	10 5	577. 8	16- ø31.8	56 5	20- ø26	58 5	20- ø30	56 5	20- ø27	17 5	140	4-ø1 8	F14
50 0	20"	34 9	47 9	57	13 0	635	20- ø31.8	62 0	20- ø26	65 0	20- ø33	62 0	20- ø27	17 5	140	4-ø1 8	F14
60 0	24"	41 0	56 2	70	15 2	749. 3	20- ø35.1	72 5	20- ø30	77 0	20- ø36	73 0	24- ø33	21 0	165	4-ø2 2	F16



Lug Type Wafer butterfly valve

Size Range: DN50-DN150

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Ductile Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS3016/C954

Stem Materials: 45#/420/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1.Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2.Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

3.Valve body using Akzo Interpon600 powder

Aksu Interpon600 powder was adopted, and the adhesion grid method was adopted to pass the test in grade 0-1. The impact strength was 50kg.

4.Body side flange bolt holes facilitate valve end connection and sealing

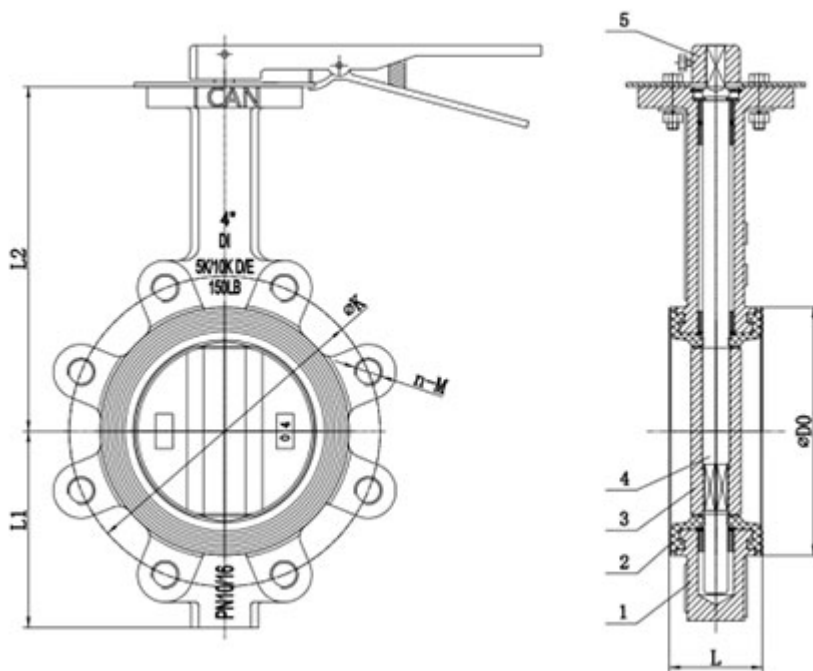
Body side flange bolt hole processing, the use of special equipment, drilling, tapping at the same time, ensure the bolt hole position and vertical degree, conducive to the valve end connection and sealing.

5.Reasonable design and convenient operation

The upper flange platform is higher from the center of the valve body, making the medium temperature not easy to be transferred to the driving device, which is convenient for operation.The distance between the neck is larger, which is good for heat preservation.

6.As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters



Parts	1		2		3		4		5		
Name	Body		Seat		Disc		Stem		Handle		
Material	DI		EPDM		SS304		420		DI		
Size		L	L1	L2	ΦD0	Class150		PN 16		PN 10	
DN	NPS (inch)					ΦK	n-M	ΦK	n-M	ΦK	n-M
50	2"	43	79	161	86	120.7	4-5/8"	125	4-M16	125	4-M16
65	2 1/2"	46	82	175	101	139.7	4-5/8"	145	4-M16	145	4-M16
80	3"	46	95	181	121	—	—	160	8-M16	160	8-M16
100	4"	52	114	200	144	190.5	4-5/8"	180	8-M16	180	8-M16
125	5"	56	125	193	171	215.9	8-3/4"	210	8-M16	210	8-M16
150	6"	56	139	209	200	241.3	8-3/4"	240	8-M20	240	8-M20



With-pin Type Lug Butterfly Valve

Size Range: 2~8"(DN50~DN200)

Pressure: PN10, PN16, Class125

Body Materials: Cast Iron, Ductile Iron

Seat Materials: NBR, EPDM, VITON, PTFE

Disc Materials: Ductile Iron, WCB, CF8,CF8M, Al-bronze C958

Stem Materials: SS416, SS304, SS316

Introduction

Adoptive Standards:

Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Features:

Single Eccentric Disc-Shaft

Anti-Blow Out Stem

Bi-Directional

Fire safe Design

Low Friction Body Seat

Zero Leakage

Standard Test :

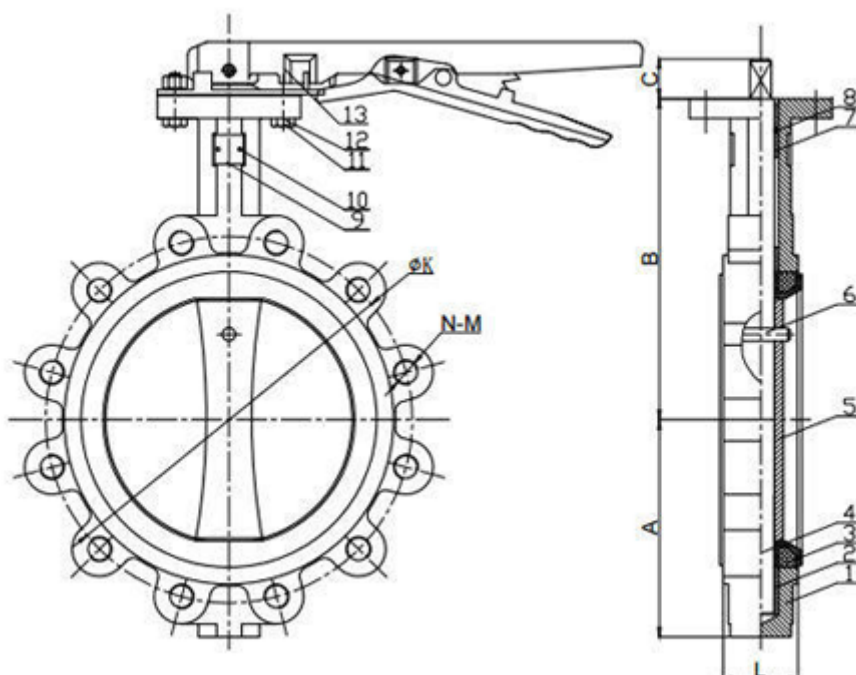
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



SIZE		A	B	C	L	ANSI 150B		DIN PN 1 0		DIN PN 1 6		JIS 10K		ISO 5211			Top Fla nge
m	in					øK	N-ød	øK	N-ød	øK	N-ød	øK	N-ød	øD	øD 1	N-ø G	
40	1.5 "	67	14 1	32	33	98.5	4-ø16	11 0	4-ø1 8	11 0	4-ø1 8	10 5	4-ø1 9	65	50	4-ø8	F05
50	2"	67	14 1	32	43	120. 6	4-ø19	12 5	4-ø1 8	12 5	4-ø1 8	12 0	4-ø1 9	65	50	4-ø8	F05
65	2½ "	75	15 1	32	46	139. 7	4-ø19	14 5	4-ø1 8	14 5	4-ø1 8	14 0	4-ø1 9	65	50	4-ø8	F05
80	3"	95	16 0	32	46	152. 4	4-ø19	16 0	8-ø1 8	16 0	8-ø1 8	15 0	8-ø1 9	65	50	4-ø8	F05
10 0	4"	111	18 0	32	52	190. 5	8-ø19	18 0	8-ø1 8	18 0	8-ø1 8	17 5	8-ø1 9	90	70	4-ø1 0	F07
12 5	5"	12 9	19 3	32	56	215. 9	8-ø22 .4	21 0	8-ø1 8	21 0	8-ø1 8	21 0	8-ø2 3	90	70	4-ø1 0	F07
15 0	6"	14 2	20 7	32	56	241. 3	8-ø22 .4	24 0	8-ø2 2	24 0	8-ø2 2	24 0	8-ø2 3	90	70	4-ø1 0	F07
20 0	8"	17 0	24 0	45	60	298. 4	8-ø22 .4	29 5	8-ø2 2	29 5	12- ø22	29 0	12- ø23	12 5	102	4-ø1 2	F10
25 0	10"	20 6	27 0	45	68	361. 9	12- ø25.4	35 0	12- ø22	35 5	12- ø26	35 5	12- ø25	12 5	102	4-ø1 2	F10
30 0	12"	23 8	31 6	45	78	431. 8	12- ø25.4	40 0	12- ø22	41 0	12- ø26	40 0	16- ø25	12 5	102	4-ø1 2	F10
35 0	14"	26 7	36 8	45	78	476. 2	12- ø28.4	46 0	16- ø22	47 0	16- ø26	44 5	16- ø25	12 5	102	4-ø1 2	F10
40 0	16"	29 8	40 0	51	86	539. 7	16- ø28.4	51 5	12- ø26	52 5	16- ø30	51 0	16- ø27	17 5	140	4-ø1 8	F14
45 0	18"	31 8	42 2	51	10 5	577. 8	16- ø31.8	56 5	20- ø26	58 5	20- ø30	56 5	20- ø27	17 5	140	4-ø1 8	F14
50 0	20"	34 9	47 9	57	13 0	635	20- ø31.8	62 0	20- ø26	65 0	20- ø33	62 0	20- ø27	17 5	140	4-ø1 8	F14
60 0	24"	41 0	56 2	70	15 2	749. 3	20- ø35.1	72 5	20- ø30	77 0	20- ø36	73 0	24- ø33	21 0	165	4-ø2 2	F16



Aluminium Handle Operated Lug Butterfly Valve

Size Range: 2~8"(DN50~DN200)

Pressure: PN10, PN16, Class125

Body Materials: SS304, SS316

Seat Materials: NBR, EPDM, VITON, PTFE

Disc Materials: CF8,CF8M

Stem Materials: SS416, SS304, SS316

Introduction

Adoptive Standards:

Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Features:

Single Eccentric Disc-Shaft

Anti-Blow Out Stem

Bi-Directional

Fire safe Design

Product Advantage

1.The length of the short structure can save raw materials and installation space, and also effectively support the strength of the pipeline.

2.The valve block is the correct movement of the gate, extrusion fast, to ensure effective sealing valve.

3.Triangle support material, guarantee the required mechanical properties.

4.According to different working conditions demand design V, triangle, or five corners and other ports, in order to meet the needs of various flow regulation.

5.No groove at the bottom to make sure no slag and full bore flow.

6.Bundor valve strict implementation of the API598 experimental standard, for each product to implement 100% positive and negative double pressure test, guarantee delivery to customers is 100% qualified products.

7.Bundor Group dedicated to the dedication of the valve for 23 years, with professional production, sales, research and after-sales team,we are your strong backing.

Standard Test :

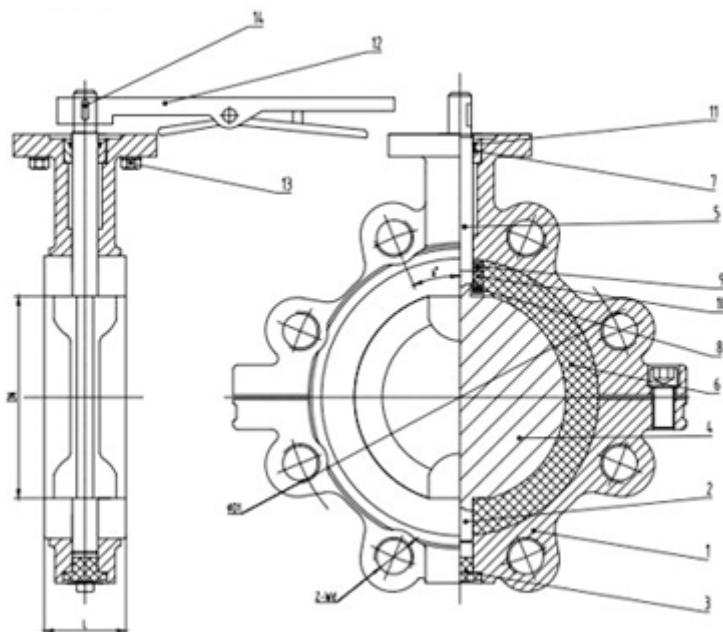
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client

Parameters



SIZE		A	B	C	L	ANSI 150B		DIN PN 10		DIN PN 16		JIS 10K		ISO 5211			Top Flange
m	in					ØK	N-M	ØK	N-M	ØK	N-M	ØK	N-M	ØD	ØD1	N-Ød	
40	1.5"	70	16 4	32	33	98.5	4-1/2"-13UNC-2B	110	4-M16	110	4-M16	105	4-M16	65	50	4-Ø8	F05
50	2"	80	16 9	32	43	120.6	4-5/8"-11UNC-2B	125	4-M16	125	4-M16	120	4-M16	65	50	4-Ø8	F05
65	2 1/2"	89	17 6	32	46	139.7	4-5/8"-11UNC-2B	145	4-M16	145	4-M16	140	4-M16	65	50	4-Ø8	F05
80	3"	95	18 3	32	46	152.4	4-5/8"-11UNC-2B	160	8-M16	160	8-M16	150	8-M16	65	50	4-Ø8	F05
100	4"	114	20 1	32	52	190.5	8-5/8"-11UNC-2B	180	8-M16	180	8-M16	175	8-M16	90	70	4-Ø10	F07
125	5"	127	21 4	32	56	215.9	8-3/4"-10UNC-2B	210	8-M16	210	8-M16	210	8-M20	90	70	4-Ø10	F07

15 0	6"	13 9	22 9	32	56	241 .3	8-3/4"- 10UNC- 2B	24 0	8-M2 0	24 0	8-M2 0	24 0	8-M2 0	90	70	4-ø 10	F07
20 0	8"	17 5	25 7	45	60	298 .4	8-3/4"- 10UNC- 2B	29 5	8-M2 0	29 5	12- M20	29 0	12- M20	12 5	10 2	4-ø 12	F10
25 0	10"	20 3	28 0	45	68	361 .9	12-7/8"- 9UNC-2 B	35 0	12- M20	35 5	12- M24	35 5	12- M22	12 5	10 2	4-ø 12	F10
30 0	12"	24 2	32 7	45	78	431 .8	12-7/8"- 9UNC-2 B	40 0	12- M20	41 0	12- M24	40 0	16- M22	12 5	10 2	4-ø 12	F10



Aluminium Handle Lug Butterfly Valve

Size Range: DN50-DN250

Pressure: PN16

Body Materials: DI

Seat Materials: NBR, EPDM, VITON, PTFE

Disc Materials: SS304

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316

Introduction

Adoptive Standards:

Aluminium handle lug butterfly valve:

Valve Design: API 609 , MSS SP-67

Face To Face: API 609 , MSS SP-67 , DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Product advantages:

1.No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

2.Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

3.The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4.Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

5.As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Standard Test:

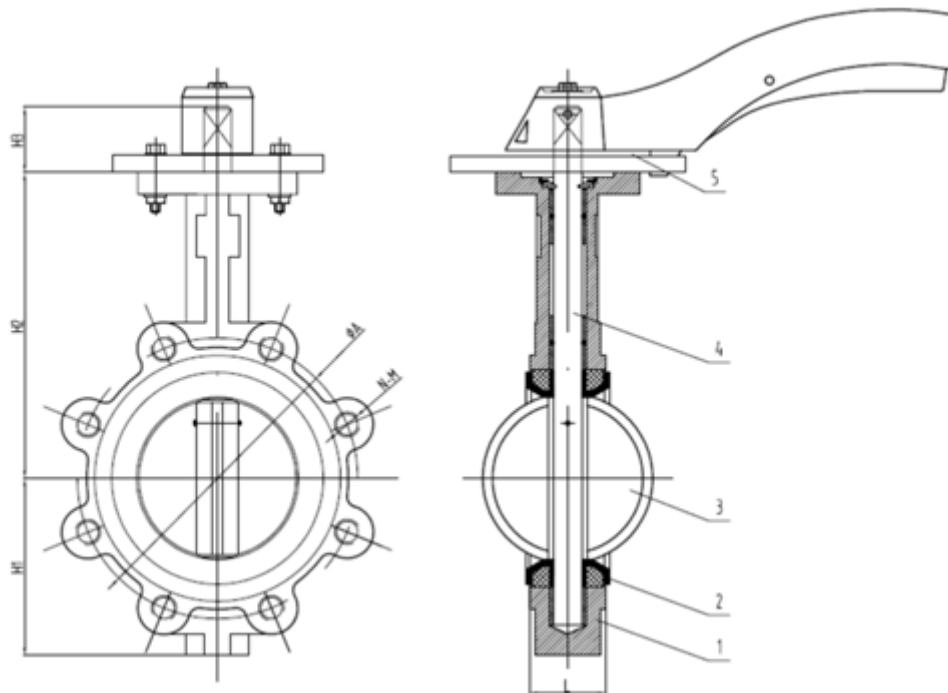
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (inch)	H1	H2	H3	L	ΦA	N-M	ΦA	N-M
DN50	2"	80	169	32	43	125	4-M1 6	120.7	4-5/8"
DN65	2.5"	89	176	32	46	145	4-M1 6	139.7	4-5/8"
DN80	3"	95	183	32	46	160	8-M1 6	152.4	4-5/8"
DN100	4"	114	201	32	52	180	8-M1 6	190.5	8-5/8"
DN125	5"	127	214	32	56	210	8-M1 6	215.9	8-3/4"
DN150	6"	139	229	32	56	240	8-M2 0	241.3	8-3/4"
DN200	8"	175	257	45	60	295	12- M20	298.5	8-3/4"
DN250	10"	203	280	45	68	355	12- M24	362	12-7/8 "



Worm Gear Operated Lug Butterfly Valve

Size Range: DN50-DN600

Pressure: PN16

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316

Introduction

Adoptive Standards:

Worm gear operated lug butterfly valve:
Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Product Advantage:

1.The valve body and disc is all adopted QT450-10 material, the ball rate is above grade 3, the mechanical performance is fully up to standard, the tensile strength is 450Mpa, and the elongation rate is more than 10%. It is not easy to crack or freeze.

2.The valve body is solid body, the same caliber weight is heavier than other manufacturers.

3.The electric device is compact and beautiful in appearance, with a volume weight equivalent to only 1/3 of that of similar products, a large reduction in required space, light weight, and easy installation.

4.Seat uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.

5.The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250μm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months.

6.Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Bundor is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.

7.Every Bundor product has its own two-dimensional code identification from the accessories to the finished product, the unique ID number, to ensure that the product can be traced.

8.The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.

9.Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Pay two back if one bad within two years. The quality of the product is unconditional.

Standard Test:

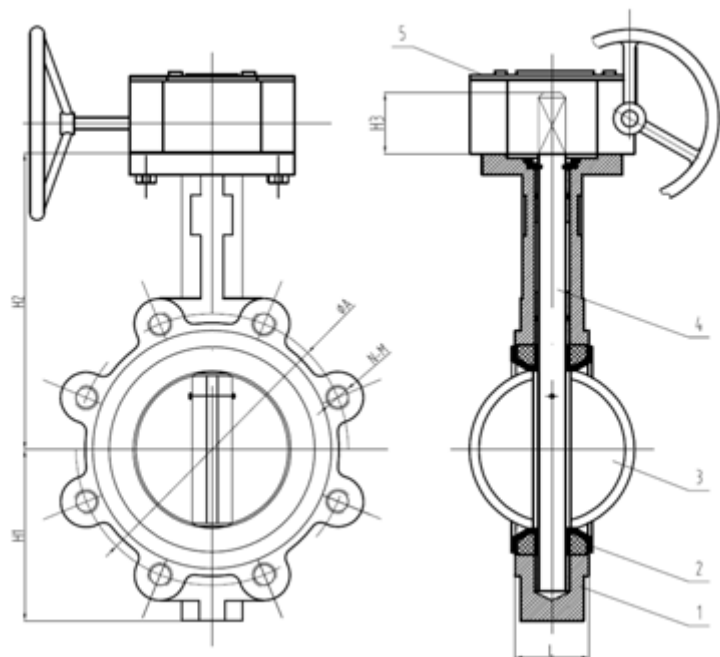
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (inch)	L	ΦA	N-M	ΦA	N-M
DN50	2"	43	125	4-M16	120.7	4-5/8"
DN65	2.5"	46	145	4-M16	139.7	4-5/8"
DN80	3"	46	160	8-M16	152.4	4-5/8"
DN100	4"	52	180	8-M16	190.5	8-5/8"
DN125	5"	56	210	8-M16	215.9	8-3/4"
DN150	6"	56	240	8-M20	241.3	8-3/4"
DN200	8"	60	295	12-M20	298.5	8-3/4"
DN250	10"	68	355	12-M24	362	12-7/8 "
DN300	12"	78	410	12-M24	431.8	12-7/8 "
DN350	14"	78	470	16-M24	476.3	12-1"
DN400	16"	102	525	16-M27	539.8	16-1"
DN450	18"	114	585	20-M27	577.9	16-11/ 8"

DN500	20"	127	650	20-M30	635	20-11/ 8"
DN600	24"	154	770	20-M33	749.3	20-11/ 4"



Aluminium Handle Lug Butterfly Valve

Size Range: DN50-DN250

Pressure: PN16

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR, EPDM, VITON, PTFE

Disc Materials: Ductile Iron, WCB, CF8,CF8M, Al-bronze C958

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316

Introduction

Adoptive Standards:

Aluminium handle lug butterfly valve:

Valve Design: API 609 , MSS SP-67

Face To Face: API 609 , MSS SP-67 , DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Product Advantage:

1.The valve body and disc is all adopted QT450-10 material, the ball rate is above grade 3, the mechanical performance is fully up to standard, the tensile strength is 450Mpa, and the elongation rate is more than 10%. It is not easy to crack or freeze.

2.The valve body is solid body, the same caliber weight is heavier than other manufacturers.

3.The electric device is compact and beautiful in appearance, with a volume weight equivalent to only 1/3 of that of similar products, a large reduction in required space, light weight, and easy installation.

4.Seat uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.

5.The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250μm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months.

6.Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Bundor is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.

7.Every Bundor product has its own two-dimensional code identification from the accessories to the finished product, the unique ID number, to ensure that the product can be traced.

8.The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.

9.Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Pay two back if one bad within two years. The quality of the product is unconditional.

Standard Test:

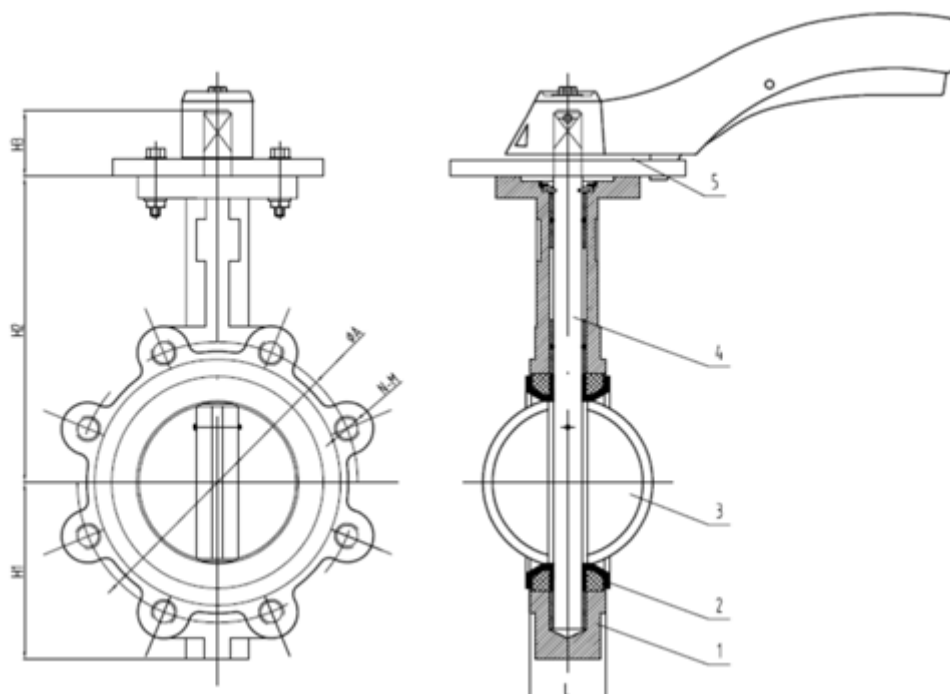
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



DN	NPS (inch)	H1	H2	H3	L	ΦA	N-M	ΦA	N-M
DN50	2"	80	169	32	43	125	4-M1 6	120.7	4-5/8"
DN65	2.5"	89	176	32	46	145	4-M1 6	139.7	4-5/8"
DN80	3"	95	183	32	46	160	8-M1 6	152.4	4-5/8"
DN100	4"	114	201	32	52	180	8-M1 6	190.5	8-5/8"
DN125	5"	127	214	32	56	210	8-M1 6	215.9	8-3/4"
DN150	6"	139	229	32	56	240	8-M2 0	241.3	8-3/4"
DN200	8"	175	257	45	60	295	12- M20	298.5	8-3/4"
DN250	10"	203	280	45	68	355	12- M24	362	12-7/8 "



Double Stem Lug Butterfly Valve

Size Range: 2~8"(DN50~DN200)

Pressure: PN10, PN16, Class125

Body Materials: Cast Iron, Ductile Iron

Seat Materials: NBR, EPDM, VITON, PTFE

Disc Materials: Ductile Iron, WCB, CF8, CF8M, Al-bronze C958

Stem Materials: SS416, SS304, SS316

Introduction

Double stem lug butterfly valve Features

Single Eccentric Disc-Shaft

Anti-Blow Out Stem

Bi-Directional
Fire safe Design
Low Friction Body Seat
Zero Leakage

Adoptive Standards

Valve Design: API 609, MSS SP-67
Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1
Pressure Test: API 598
Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16
Top Flange: ISO5211

Product Advantage

- 1.The length of the short structure can save raw materials and installation space, and also effectively support the strength of the pipeline.
- 2.The valve block is the correct movement of the gate, extrusion fast, to ensure effective sealing valve.
- 3.Triangle support material, guarantee the required mechanical properties.
- 4.According to different working conditions demand design V, triangle, or five corners and other ports, in order to meet the needs of various flow regulation.
- 5.No groove at the bottom to make sure no slag and full bore flow.
- 6.Bundor valve strict implementation of the API598 experimental standard, for each product to implement 100% positive and negative double pressure test, guarantee delivery to customers is 100% qualified products.
- 7.Bundor Group dedicated to the dedication of the valve for 23 years, with professional production, sales, research and after-sales team,we are your strong backing.

Standard Test

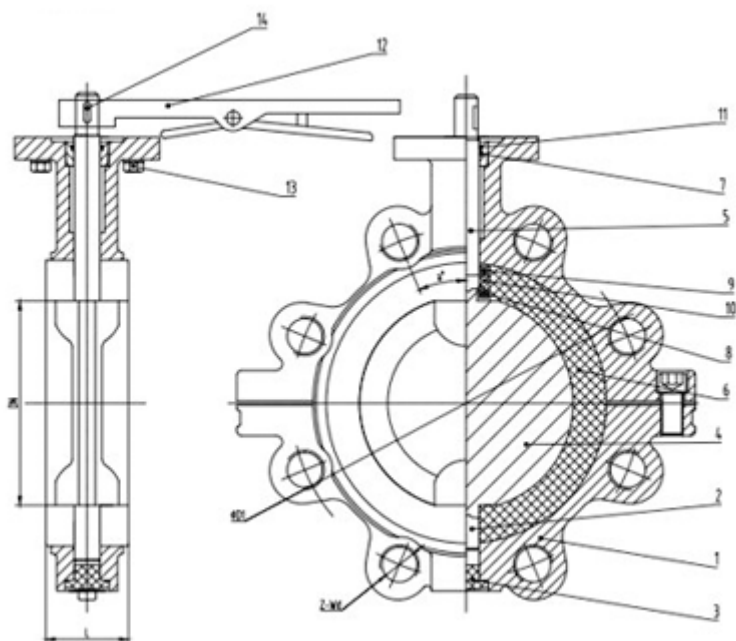
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



SIZE		A	B	C	L	ANSI 150B		DIN PN 10		DIN PN 16		JIS 10K		ISO 5211			Top Flange
m	in					øK	N-M	øK	N-M	øK	N-M	øK	N-M	øD	øD 1	N-ø d	
40	1.5"	70	16 4	32	33	98.5	4-1/2"- 13UNC- 2B	11 0	4-M1 6	11 0	4-M1 6	10 5	4-M1 6	65	50	4-ø 8	F05
50	2"	80	16 9	32	43	120. 6	4-5/8"- 11UNC- 2B	12 5	4-M1 6	12 5	4-M1 6	12 0	4-M1 6	65	50	4-ø 8	F05
65	2 1/ 2"	89	17 6	32	46	139. 7	4-5/8"- 11UNC- 2B	14 5	4-M1 6	14 5	4-M1 6	14 0	4-M1 6	65	50	4-ø 8	F05
80	3"	95	18 3	32	46	152. 4	4-5/8"- 11UNC- 2B	16 0	8-M1 6	16 0	8-M1 6	15 0	8-M1 6	65	50	4-ø 8	F05
100	4"	114	20 1	32	52	190. 5	8-5/8"- 11UNC- 2B	18 0	8-M1 6	18 0	8-M1 6	17 5	8-M1 6	90	70	4-ø 10	F07

12 5	5"	12 7	21 4	32	56	215. 9	8-3/4"- 10UNC- 2B	21 0	8-M1 6	21 0	8-M1 6	21 0	8-M2 0	90	70	4-ø 10	F07
15 0	6"	13 9	22 9	32	56	241. 3	8-3/4"- 10UNC- 2B	24 0	8-M2 0	24 0	8-M2 0	24 0	8-M2 0	90	70	4-ø 10	F07
20 0	8"	17 5	25 7	45	60	298. 4	8-3/4"- 10UNC- 2B	29 5	8-M2 0	29 5	12- M20	29 0	12- M20	12 5	102	4-ø 12	F10
25 0	10"	20 3	28 0	45	68	361. 9	12-7/8"- 9UNC-2 B	35 0	12- M20	35 5	12- M24	35 5	12- M22	12 5	102	4-ø 12	F10
30 0	12"	24 2	32 7	45	78	431. 8	12-7/8"- 9UNC-2 B	40 0	12- M20	41 0	12- M24	40 0	16- M22	12 5	102	4-ø 12	F10



One Stem No-pin Lug Butterfly Valve

Size Range: 2~8"(DN50~DN200)

Pressure: PN10, PN16, Class125

Body Materials: Cast Iron, Ductile Iron, WCB , Stainless Steel, Bronze

Seat Materials: NBR, EPDM, VITON, PTFE

Disc Materials: Ductile Iron, WCB, CF8,CF8M, Al-bronze C958

Stem Materials: SS416, SS304, SS316

Introduction

Features:

Single Eccentric Disc-Shaft

Anti-Blow Out Stem

Bi-Directional
Fire safe Design
Low Friction Body Seat
Zero Leakage

Adoptive Standards:

Valve Design: API 609, MSS SP-67
Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1
Pressure Test: API 598
Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16
Top Flange: ISO5211

Product Advantage:

- 1.The length of the short structure can save raw materials and installation space, and also effectively support the strength of the pipeline.
- 2.The valve block is the correct movement of the gate, extrusion fast, to ensure effective sealing valve.
- 3.Triangle support material, guarantee the required mechanical properties.
- 4.According to different working conditions demand design V, triangle, or five corners and other ports, in order to meet the needs of various flow regulation.
- 5.No groove at the bottom to make sure no slag and full bore flow.
- 6.Bundor valve strict implementation of the API598 experimental standard, for each product to implement 100% positive and negative double pressure test, guarantee delivery to customers is 100% qualified products.
- 7.Bundor Group dedicated to the dedication of the valve for 23 years, with professional production, sales, research and after-sales team,we are your strong backing.

Standard Test:

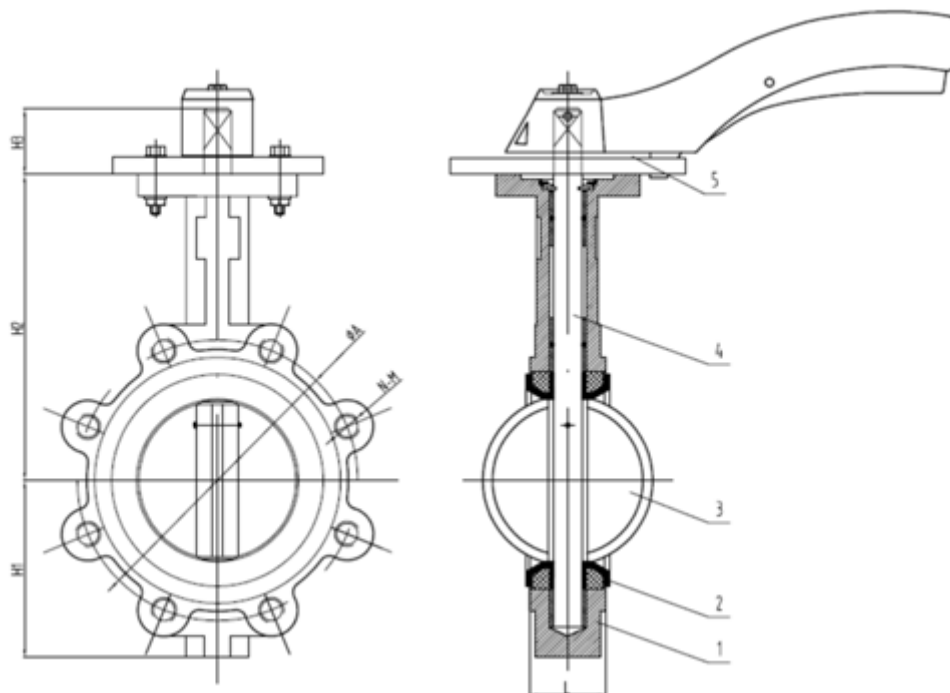
Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters



SIZE		A	B	C	L	ANSI 150B		DIN PN 10		DIN PN 16		JIS 10K		ISO 5211			Top Flange
m	in					øK	N-ød	øK	N-ød	øK	N-ød	øK	N-ød	øD	øD 1	N-ø G	
40	1.5"	67	141	32	33	98.5	4-ø16	110	4-ø18	110	4-ø18	105	4-ø19	65	50	4-ø8	F05
50	2"	67	141	32	43	120.6	4-ø19	125	4-ø18	125	4-ø18	120	4-ø19	65	50	4-ø8	F05
65	2½"	75	151	32	46	139.7	4-ø19	145	4-ø18	145	4-ø18	140	4-ø19	65	50	4-ø8	F05
80	3"	95	160	32	46	152.4	4-ø19	160	8-ø18	160	8-ø18	150	8-ø19	65	50	4-ø8	F05
100	4"	111	180	32	52	190.5	8-ø19	180	8-ø18	180	8-ø18	175	8-ø19	90	70	4-ø10	F07
125	5"	129	193	32	56	215.9	8-ø22.4	210	8-ø18	210	8-ø18	210	8-ø23	90	70	4-ø10	F07
150	6"	142	207	32	56	241.3	8-ø22.4	240	8-ø22	240	8-ø22	240	8-ø23	90	70	4-ø10	F07

20 0	8"	17 0	24 0	45	60	298. 4	8-ø22 .4	29 5	8-ø2 2	29 5	12- ø22	29 0	12- ø23	12 5	102	4-ø1 2	F10
25 0	10"	20 6	27 0	45	68	361. 9	12- ø25.4	35 0	12- ø22	35 5	12- ø26	35 5	12- ø25	12 5	102	4-ø1 2	F10
30 0	12"	23 8	31 6	45	78	431. 8	12- ø25.4	40 0	12- ø22	41 0	12- ø26	40 0	16- ø25	12 5	102	4-ø1 2	F10
35 0	14"	26 7	36 8	45	78	476. 2	12- ø28.4	46 0	16- ø22	47 0	16- ø26	44 5	16- ø25	12 5	102	4-ø1 2	F10
40 0	16"	29 8	40 0	51	86	539. 7	16- ø28.4	51 5	12- ø26	52 5	16- ø30	51 0	16- ø27	17 5	140	4-ø1 8	F14
45 0	18"	31 8	42 2	51	10 5	577. 8	16- ø31.8	56 5	20- ø26	58 5	20- ø30	56 5	20- ø27	17 5	140	4-ø1 8	F14
50 0	20"	34 9	47 9	57	13 0	635	20- ø31.8	62 0	20- ø26	65 0	20- ø33	62 0	20- ø27	17 5	140	4-ø1 8	F14
60 0	24"	41 0	56 2	70	15 2	749. 3	20- ø35.1	72 5	20- ø30	77 0	20- ø36	73 0	24- ø33	21 0	165	4-ø2 2	F16



Electric Triple Eccentric Butterfly Valve

Size Range: DN50-DN1200

Pressure: PN16/150LB

Body Materials: WCB

Seat Materials: 13Cr/304/316

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

Stem Materials: 2Cr13/304/316

Introduction

Features:

Applicable medium : Gas, dust gas, flue gas, etc.

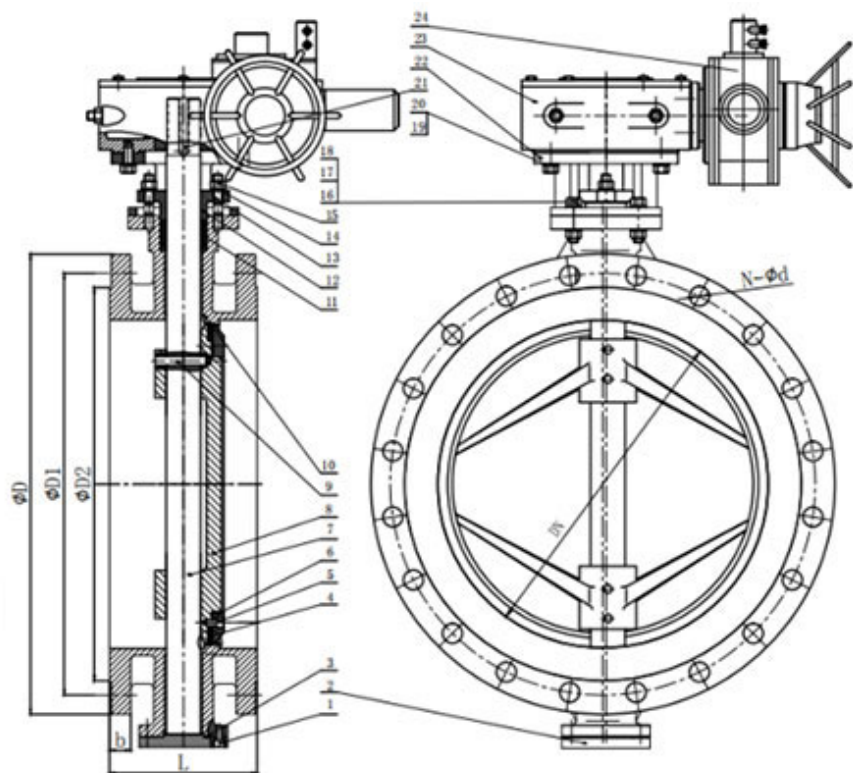
Suitable temperature : -29 ~ 425°C

Application field : Environmental protection, metallurgy, chemical industry, electric power, building materials, etc.

Product advantages:

- 1. Precision casting valve body. Qualified WCB material. Fine appearance, no sand hole.
- 2. Heavy valve body.
- 3. The valve disc is processed by CNC precision machine with high precision.
- 4. The sealing ring of the valve body adopts soft and hard multi-layer metal ring, which has the double advantages of metal and elastic seal, to ensure excellent sealing performance in high temperature and low temperature environment.
- 5. Shaft made of stainless steel, through special treatment to double the strength of the shaft.
- 6. Each valve will be inspected for shell and seal pressure before leaving factory.
- 7. The protection level of electric actuator reaches IP65.

Parameters



Optional configuration	Body	Seat Seal	Disc	Shaft	Actuator
	WCB/CF3/ CF3M/CF8/	13Cr/304/316	WCB/CF3/ CF3M/CF8	2Cr13/304/316	Worm gear/Electric

	CF8M		/CF8M/		/Pneumatic
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Name	Design and manufacture	Face to face Length	Inspection Standard	End Flange
Reference standard	JB/T 8527 API 609	GB/T 12221 API 609	GB/T 13927 API 598	GB/T 9113 ASME B16.5

Name	10-Body	4-Seat Seal	8-Disc	7-Shaft	24-Electric actuator
Material	WCB	430+graphite	WCB	2Cr13	Component

SIZE			PN16		150LB	
DN	NPS (Inch)	L	D1	N-d	D1	N-d
50	2"	108	125	4-18	120.7	4-19
65	2 1/2"	112	145	4-18	139.7	4-19
80	3"	114	160	8-18	152.4	4-19
100	4"	127	180	8-18	190.5	8-19
125	5"	140	210	8-18	215.9	8-22
150	6"	140	240	8-22	241.3	8-22
200	8"	152	295	12-22	298.5	8-22
250	10"	165	355	12-26	362	12-25
300	12"	178	410	12-26	431.8	12-25
350	14"	190	470	16-26	476.3	12-29
400	16"	216	525	16-30	539.8	16-29
450	18"	222	585	20-30	577.9	16-32
500	20"	229	650	20-33	635	20-32
600	24"	267	770	20-36	749.3	20-35
700	28"	292	840	24-36		
800	32"	318	950	24-39		
900	36"	330	1050	28-39		
1000	40"	410	1170	28-42		
1200	48"	470	1390	32-48		



Worm Gear Operated Wafer Type Butterfly Valve

Size Range: DN100

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Cast Iron

Seat Materials: EPDM/NBR

Disc Materials: DI/SS304/SS316/C954

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Valve body valve plate is made of QT450-10 material

Valve body valve plate is made of qt450-10 material with spheroidization rate above grade 3, tensile strength of 450Mpa and elongation of >10%.

4. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

5. Soft back with wide side seat

Soft backrest wide side valve seat, is advantageous to the valve installation, in the pipeline and flange boss contact surface is wide, sealing performance is reliable. Life is longer than a hard back. And easy to remove and replace.

6. No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8. The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

9. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

10. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters

Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Worm Gear	
Material	CI		EPDM			DI			420			IP65	
Size		L	L1	L2	ΦD0	PN10		PN16		Class150		JIS 10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	129	86	125	4-Φ18	125	4-Φ18	120.7	4-Φ19	120	4-Φ19
65	2 1/2"	46	82	136	101	145	4-Φ18	145	4-Φ18	139.7	4-Φ19	140	4-Φ19
80	3"	46	99	153	121	160	8-Φ18	160	8-Φ18	152.4	4-Φ19	150	8-Φ19
100	4"	52	110	167	144	180	8-Φ18	180	8-Φ18	190.5	8-Φ19	175	8-Φ19
125	5"	56	125	193	171	210	8-Φ18	210	8-Φ18	215.9	8-Φ22.4	210	8-Φ23
150	6"	56	145	209	200	240	8-Φ22	240	8-Φ22	241.3	8-Φ22.4	240	8-Φ23
200	8"	60	170	251	256	295	8-Φ22	295	12-Φ22	298.4	8-Φ22.4	290	12-Φ23
250	10"	68	213	283	311	350	12-Φ22	355	12-Φ26	361.9	12-Φ25.4	355	12-Φ25
300	12"	78	240	315	364	400	12-Φ22	410	12-Φ26	431.8	12-Φ25.4	400	16-Φ25



Wafer Butterfly Valve With Handle

Size Range: DN100

Pressure: PN6/10/16、 5/10K、 CL150、 Table D/E

Body Materials: Cast Iron

Seat Materials: EPDM/NBR

Disc Materials: DI

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1. Bundor patent products, patent certification.

The product side flanges comply with national, German, Russian, American, British and Japanese standards and other domestic and international standards for multiple pressures, easy connection and wide adaptability, which can reduce the type of purchase and stock.

2. The thickness of valve body wall is up to standard.

The valve body wall thickness meets the requirement of GB 26640, the thickness is up to the standard, and the pressure strength is guaranteed.

3. Good sealing and long service life of valve seat

The valve seat is made of imported rubber material, with more than 50% rubber content; Elongation at break greater than 350%, valve sealing reliable, long life.

4. Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

5. The product has an independent identity to ensure traceability

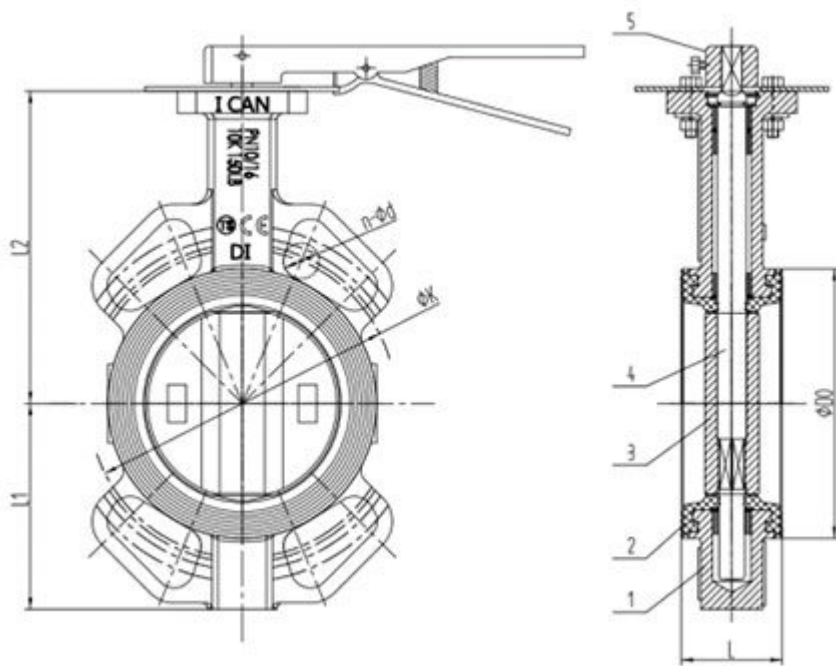
Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

6. Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

7. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters



Parts	1		2			3			4			5	
Name	Body		Seat			Disc			Stem			Handle	
Material	CI		EPDM			DI			420			Iron	
Size		L	L1	L2	ΦD 0	PN 10		PN 16		Class1 50		JIS 10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	12 9	86	125	4-Φ1 8	125	4-Φ1 8	120.7	4-Φ19	120	4-Φ1 9
65	2 1/2"	46	82	13 6	101	145	4-Φ1 8	145	4-Φ1 8	139.7	4-Φ19	140	4-Φ1 9
80	3"	46	99	15 3	121	160	8-Φ1 8	160	8-Φ1 8	152.4	4-Φ19	150	8-Φ1 9
100	4"	52	110	16 7	144	180	8-Φ1 8	180	8-Φ1 8	190.5	8-Φ19	175	8-Φ1 9
125	5"	56	125	19 3	171	210	8-Φ1 8	210	8-Φ1 8	215.9	8-Φ22. 4	210	8-Φ2 3
150	6"	56	145	20 9	200	240	8-Φ2 2	240	8-Φ2 2	241.3	8-Φ22. 4	240	8-Φ2 3



Signal Butterfly Valve

Size Range: DN100

Pressure: PN6/10/16、5/10K、CL150、Table D/E

Body Materials: Ductile Iron

Seat Materials: EPDM/NBR

Disc Materials: CF8M

Stem Materials: 420/45#/SS304/SS316

Introduction

Features:

Applicable medium : Water and neutral liquid

Suitable temperature : - 20 ~ 120 °C

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

Product advantages:

1.No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

2.Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

3.The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

4.Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

5.As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

6.No pin structure to avoid corrosion

Butterfly plate and valve shaft adopt through shaft without pin structure to avoid leakage caused by hole mounting pin and accelerated corrosion caused by coating damage.

7.Valve body is sprayed with Aksu epoxy powder

The valve body is sprayed with world-renowned Aksu epoxy resin powder, which has stronger adhesion and better environmental tolerance after melting and curing.

8.The product has an independent identity to ensure traceability

Each Bundor product has its own QR code mark, unique identification number, to ensure product traceability.

9.Provide material inspection report

All Bundor products can provide the material inspection report of the main parts.

10.As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters

Parts	1		2			3			4			5	
-------	---	--	---	--	--	---	--	--	---	--	--	---	--

Name	Body		Seat			Disc			Stem			Worm Gear	
Material	DI		EPDM			CF8M			420			IP65	
Size		L	L1	L2	ΦD 0	PN 10		PN 16		Class1 50		JIS 10K	
DN	NPS (inch)					ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd	ΦK	n-Φd
50	2"	43	75	12 9	86	125	4-Φ1 8	125	4-Φ1 8	120.7	4-Φ19	120	4-Φ1 9
65	2 1/2"	46	82	13 6	101	145	4-Φ1 8	145	4-Φ1 8	139.7	4-Φ19	140	4-Φ1 9
80	3"	46	99	15 3	121	160	8-Φ1 8	160	8-Φ1 8	152.4	4-Φ19	150	8-Φ1 9
100	4"	52	110	16 7	144	180	8-Φ1 8	180	8-Φ1 8	190.5	8-Φ19	175	8-Φ1 9
125	5"	56	125	19 3	171	210	8-Φ1 8	210	8-Φ1 8	215.9	8-Φ22. 4	210	8-Φ2 3
150	6"	56	145	20 9	200	240	8-Φ2 2	240	8-Φ2 2	241.3	8-Φ22. 4	240	8-Φ2 3
200	8"	60	170	25 1	256	295	8-Φ2 2	295	12- Φ22	298.4	8-Φ22. 4	290	12- Φ23
250	10"	68	213	28 3	311	350	12- Φ22	355	12- Φ26	361.9	12- Φ25.4	355	12- Φ25
300	12"	78	240	31 5	364	400	12- Φ22	410	12- Φ26	431.8	12- Φ25.4	400	16- Φ25



Pneumatic Universal Wafer Butterfly Valve

Size Range: 2"-44"/DN50-DN1200

Pressure: 5K/10K/150LB

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

Introduction

Adoptive Standards

Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Product Advantage

1. Bundor Valve patent product , Patent Number : 201510315321.5 ; 201520267217.9 , The product side flange complies with many national and international standards such as GB, DIN, GOST, ANSI, BS, JIS, etc.
2. Valve body procurement QT450-10 material, spheroidization rate of 3 or more, mechanical properties fully up to standard, tensile strength 450Mpa, elongation rate greater than 10%, not easy to crack, crack
3. The valve body is solid body, the same DN weight is heavier than other manufacturers
4. Seat rubber uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.
5. The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250μm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months ;
6. Pneumatic head adopts double-piston rack structure, precise meshing, high efficiency and constant output torque.
7. The cylinder body is an extruded aluminum alloy and hard anodized. The inner surface has a hard texture and high strength and hardness. The use of low-friction materials made of sliding bearings, to avoid direct contact between the metal, low friction coefficient, flexible rotation, long service life
8. Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of Ruderland is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.
9. Every Ruide product has its own two-dimensional code identification from the accessories to the finished product, the unique ID ID number, to ensure that the product can be traced
10. The Gende intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.
11. Bundor brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Within two years, one is lost and one is lost. The quality of the product is unconditional.

Standard Test

Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever /

Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters

DN	NPS (inch)	H1	H2	H3	ØA	ØB	L
DN50	2"	75	129	32	125	105	43
DN65	2.5"	82	136	32	145	127	46
DN80	3"	99	153	32	160	145	46
DN100	4"	110	167	32	190.5	165	52
DN125	5"	125	193	32	216	200	56
DN150	6"	145	209	32	241.3	225	56
DN200	8"	170	251	40	298.4	280	60
DN250	10"	210	280	45	361.9	350	68
DN300	12"	240	315	45	431.8	400	78
DN350	14"	260	348	45	476.2	445	78
DN400	16"	295.5	392.5	52	540	510	102
DN450	18"	401.5	322.5	52	585	565	114
DN500	20"	451.5	362.5	64	650	620	127
DN600	24"	541.5	428.5	70	770	725	154
DN700	28"	Temporary Absence Of Data					
DN800	32"						
DN900	36"						
DN1000	40"						
DN1200	44"						



Worm Gear Aluminum Butterfly Valve

Size Range: DN50-DN300

Pressure: PN10/16

Body Materials: Aluminium alloy

Seat Materials: NBR/EPDM

Disc Materials: 304/316

Stem Materials: 410/304

Introduction

FEATURES

Applicable medium : Clear water, sewage, sea water, weak acid and alkali, air, steam, etc

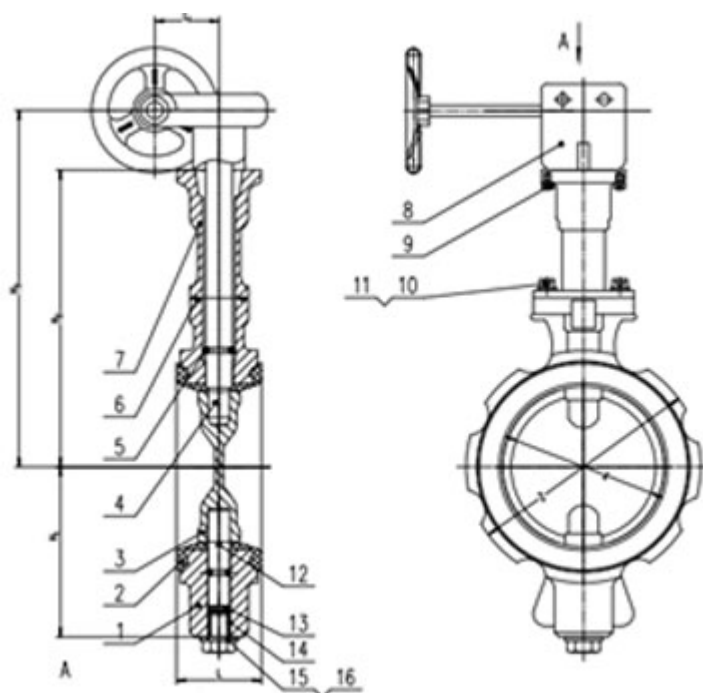
Suitable temperature : 0 ~ 80°C

Application field : Municipal construction, water conservancy engineering, electric power, water supply and drainage, water treatment, etc

Product advantages

1. The valve body is made of high-performance aluminum alloy material, which can effectively prevent the temperature difference of the valve body and achieve no condensation on the surface of actuator and flange.
2. The valve body material has low water absorption, corrosion resistance, heat insulation and cold insulation, which is 4 times of the common material.
3. The valve plate is made of 304 material, and its mechanical properties and anti-corrosion properties are up to standard.
4. The rubber of valve seat uses EPDM rubber that meets the standard, which makes the resilience and pulling force of butterfly valve super stable and reliable, and there is no leakage even if it opens or closes more than 10000 times.
5. PE heat shrinkable plastic packaging technology is used in product packaging. Each Bundor product is individually packed with heat shrinkable film and built-in desiccant, which isolates air dust and helps to store and avoid product corrosion caused by moisture.
6. Each product of Bundor has its own QR code mark and unique ID number from the accessories to the finished products. By scanning the codes, the inspection results of each stage in the production process can be inquired to achieve traceability of product quality.
7. Bundor's intelligent detection equipment integrates standard data measurement and pressure detection, and each inspection report is automatically generated, and each data and report is kept for 5 years to ensure that the factory qualification rate reaches 100%.
8. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters



Executive standard	Name	Design and manufacture		Structural length		Pressure-Testing Standards			Upper flange size				
	Reference standard	JIS B2032		JIS B2002		GB/T 13927-2008			ISO 5211				
Parts	Name	Body		Seat		Disc			Stem			Worm gear	
	Material	Aluminium alloy		NBR/EPDM		304/316			416/304/316			Composite member	
Size	Caliber		d	L	Z	H1	H2	H3	L1	L2	L3	D1	Weight/kg
	DN50	2"	52	43	101.3	65	130	157	43.5	45	67	120	2.15
	DN65	2.5"	67	46	121	75	140	167	43.5	45	67	120	2.55
	DN80	3"	81.5	46	130.7	83	153	180	43.5	45	67	120	2.65
	DN100	4"	103	52	156	97	168	196	43.5	45	67	120	3.15
	DN125	5"	125	56	185.9	119	203	231	43.5	45	67	120	4.95
	DN150	6"	149	59	218	134	215	243	43.5	45	67	120	5.9

DN200	8"	199	60	267	17 0	24 6	27 3	52	46	75	16 0	8.5
DN250	10"	248	68	315	21 4	33 0	37 0	67	81	99	25 0	18.35
DN300	12"	298	78	364	25 1	35 8	39 8	67	81	99	25 0	22.8



Handle Aluminum Butterfly Valve

Size Range: DN25-DN150

Pressure: PN10/16

Body Materials: Aluminium alloy

Seat Materials: NBR/EPDM

Disc Materials: 304/316

Stem Materials: 410/304

Introduction

FEATURES

Applicable medium : Clear water, sewage, sea water, weak acid and alkali, air, steam, etc

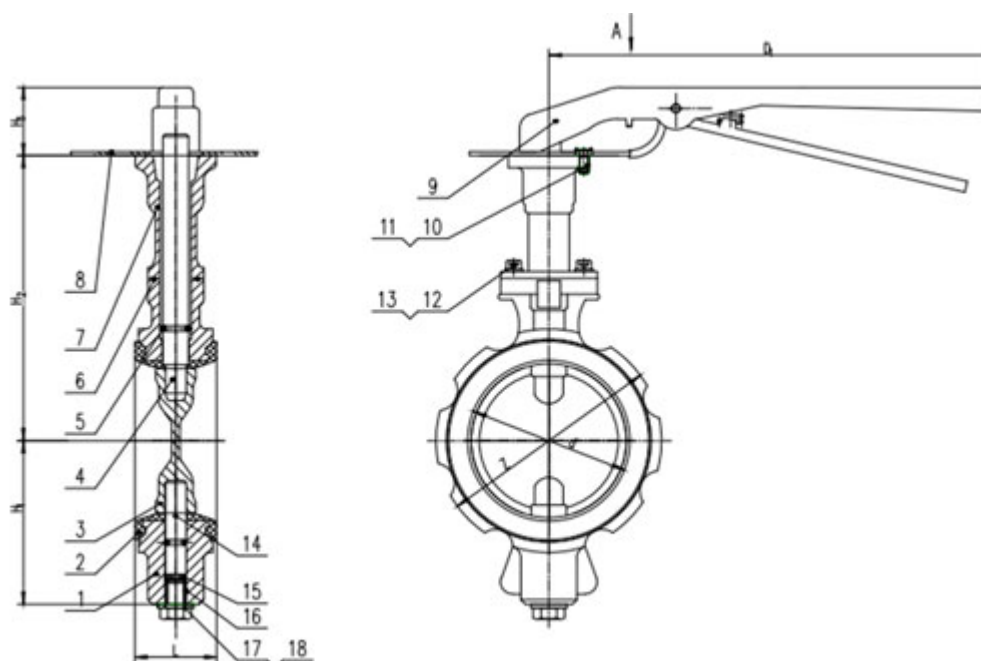
Suitable temperature : 0 ~ 80°C

Application field : Municipal construction, water conservancy engineering, electric power, water supply and drainage, water treatment, etc

Product advantages

1. The valve body is made of high-performance aluminum alloy material, which can effectively prevent the temperature difference of the valve body and achieve no condensation on the surface of actuator and flange.
2. The valve body material has low water absorption, corrosion resistance, heat insulation and cold insulation, which is 4 times of the common material.
3. The valve plate is made of 304 material, and its mechanical properties and anti-corrosion properties are up to standard.
4. The rubber of valve seat uses EPDM rubber that meets the standard, which makes the resilience and pulling force of butterfly valve super stable and reliable, and there is no leakage even if it opens or closes more than 10000 times.
5. PE heat shrinkable plastic packaging technology is used in product packaging. Each Bundor product is individually packed with heat shrinkable film and built-in desiccant, which isolates air dust and helps to store and avoid product corrosion caused by moisture.
6. Each product of Bundor has its own QR code mark and unique ID number from the accessories to the finished products. By scanning the codes, the inspection results of each stage in the production process can be inquired to achieve traceability of product quality.
7. Bundor's intelligent detection equipment integrates standard data measurement and pressure detection, and each inspection report is automatically generated, and each data and report is kept for 5 years to ensure that the factory qualification rate reaches.
8. As for the products of Bundor, they are insured by the Pacific insurance company with the quality of 10 million yuan, and the warranty lasts for 2 years. If they are damaged within two years, they will be compensated for the product's quality problem without any conditions.

Parameters



Executive standard	Name	Design and manufacture		Structural length			Pressure-Testing Standards			Upper flange size		
	Reference standard	JIS B2032		JIS B2002			GB/T 13927-2008			ISO 5211		
Parts	Name	Body	Seat		Disc		Stem			Handle		
	Material	Aluminium alloy	NBR/EPDM		304/316		416/304/316			Aluminium alloy		
Size	Caliber		d	L	Z	H1	H2	H3	L1	L2	D1	Weight/kg
	DN25-32	1"	33	33	70	40	95	27	30	33	113	0.5
	DN40	1.5"	44	33	81	43	100	27	30	33	113	0.6
	DN50	2"	52	43	101	65	130	28	49	63	180	1.4
	DN65	2.5"	67	46	121	75	140	28	49	63	180	1.8
	DN80	3"	81.5	46	130.7	83	153	28	49	63	180	1.85
	DN100	4"	103	52	156	97	168	39	53	63	228	2.65
	DN125	5"	125	56	185.9	119	203	39	53	63	228	4.35
	DN150	6"	149	59	218	134	215	39	53	63	228	5.3



WCB Double Eccentric Butterfly Valve

Size Range: DN50-DN600

Pressure: PN10/16/150LB

Body Materials: WCB

Seat Materials: EPDM

Disc Materials: WCB

Stem Materials: 2Cr13

Introduction

Features :

Working temperature : 0 ~ 80°C

Suitable medium : Water, weak acid base, gas, oil, etc

Application : Food, medicine, chemical industry, environmental protection, water treatment, water supply and drainage

Product Identification :

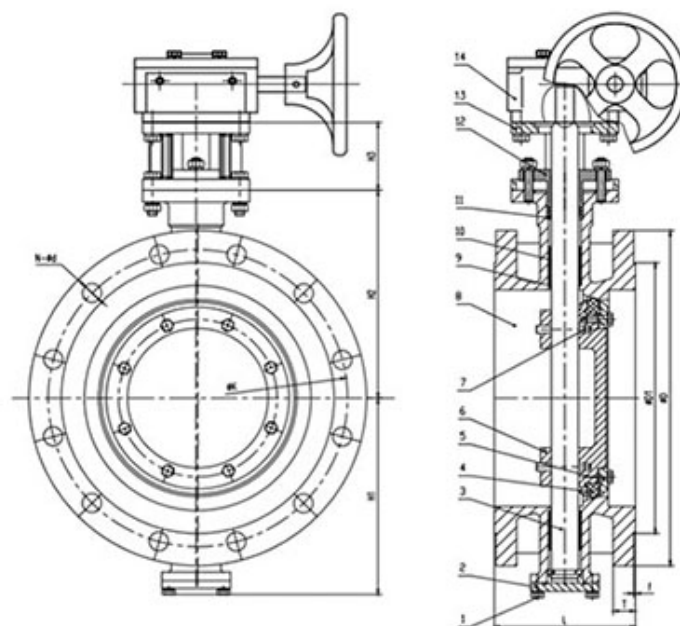
Double eccentric butterfly valve is further improved on the basis of single eccentric butterfly valve. The structure is characterized by that the valve stem axis deviates from both the disc center and the body center. Double eccentric effect enables the butterfly plate to leave the seat immediately after the valve is opened, greatly eliminating unnecessary excessive squeezing and scraping between the butterfly plate and the seat, reducing the opening resistance distance, reducing wear and increasing the life of the seat.

Double eccentric butterfly valve is mainly used in water works, power plants, steel smelting, chemical engineering, water source engineering, environmental facilities construction and other systems for drainage. Compared with the center line butterfly valve, double eccentric butterfly valve is more resistant to high pressure, longer life and better stability.

Product Advantages :

1. Precision casting valve body. Qualified WCB material. Fine appearance, no sand hole.
2. Heavy valve body. Wall thickness meets the requirements of GB26640 to ensure compressive strength.
3. The valve body and inner parts are processed by CNC precision machine with high precision.
4. Different sealing materials can be selected to ensure the sealing surface wear resistance, erosion resistance, corrosion resistance, long service life.
5. Replaceable disc seal ring can be easily replaced.
6. The valve shaft is supported by self-lubricating sleeve bearings, which can reduce the friction produced during valve shaft transmission and reduce torque.
7. Each valve will be inspected for shell and seal pressure before leaving factory.
8. Epoxy coating, beautiful appearance.

Parameters



Parameter Information :				
Executive standard :				
Name	Design and manufacture	Face to face Length	Pressure Test	End Flange
Reference standard	GB/T 12238	GB/T 12221	GB/T 13927	GB/T 9113/ASME B16.5

Material of Main Parts:					
Name	8-Body	4-Seat Seal	6-Disc	3-Shaft	14-Gearbox
Material	WCB	EPDM	WCB	2Cr13	Component

Dimensions :								
Size			PN10		PN16		150LB	
DN	NPS (Inch)	L	φk	N-φd	φk	N-φd	φk	N-φd
50	2"	108	125	4-18	125	4-18	120.7	4-19
65	2 1/2"	112	145	4-18	145	4-18	139.7	4-19
80	3"	114	160	8-18	160	8-18	152.4	4-19
100	4"	127	180	8-18	180	8-18	190.5	8-19
125	5"	140	210	8-18	210	8-18	215.9	8-22.4
150	6"	140	240	8-22	240	8-22	241.3	8-22.4
200	8"	152	295	8-22	295	12-22	298.4	8-22.4
250	10"	165	350	12-22	355	12-26	361.9	12-25.4
300	12"	178	400	12-22	410	12-26	431.8	12-25.4
350	14"	190	460	16-22	470	16-26	476.2	12-28.4
400	16"	216	515	16-26	525	16-30	539.7	16-28.4
450	18"	222	565	20-26	585	20-30	577.8	16-31.8
500	20"	229	620	20-26	650	20-33	635	20-31.8
600	24"	267	725	20-30	770	20-36	749.3	20-35.1



Ventilation Butterfly Valve

Size Range: DN50-DN600

Pressure: PN1/2.5/6

Body Materials: Q235

Disc Materials: Q235

Stem Materials: 420

Introduction

Features :

Model : D341W-1C

Name : Ventilation Butterfly Valve

Size : DN50-DN600

Pressure : PN1/2.5/6

Body : Q235

Working temperature : -10°C ~ 300°C

Suitable medium : Gas, dust gas, flue gas, etc

Application : Environmental protection, metallurgy, chemical industry, electric power, building materials, etc

Product Identification:

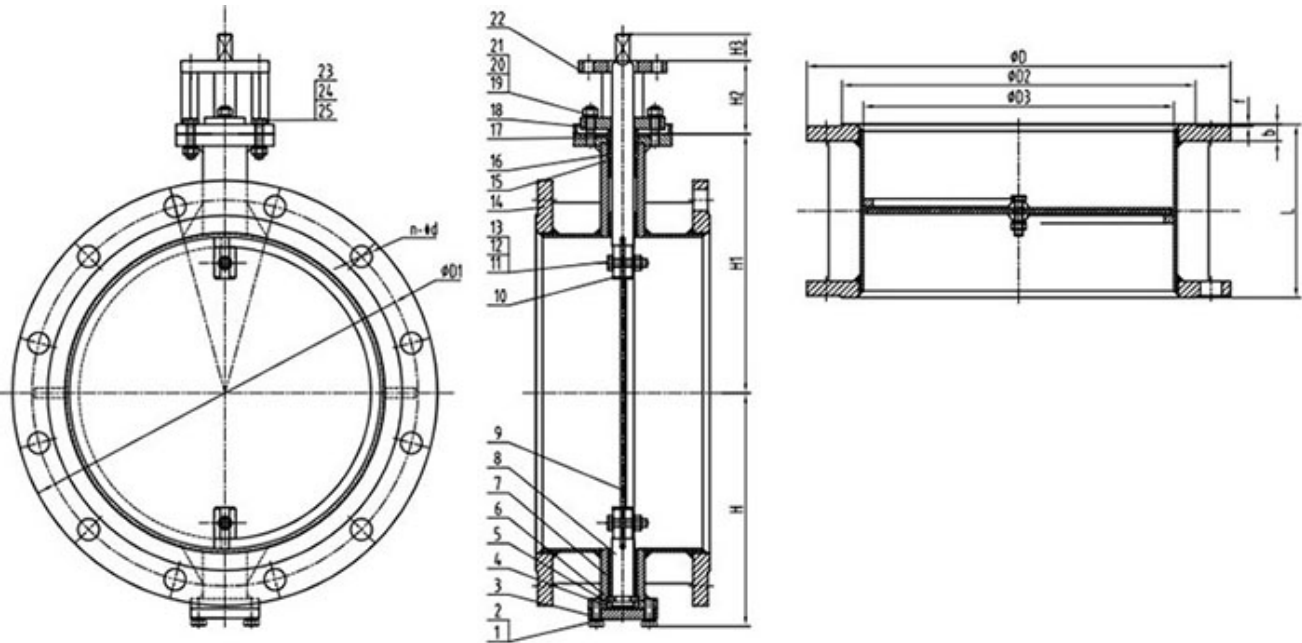
The ventilated butterfly valve is made by welding steel plate, which has the features of short structure size, light weight and easy installation. The valve has small driving torque, flexible opening and closing and convenient operation. The expansion gap between butterfly plate and valve body is large, which can effectively prevent the dead phenomenon caused by hot expansion and cold contraction. Variety of driving devices can be selected, such as handle, gearbox, electric, pneumatic.

The applicable temperature of ventilated butterfly valve depends on the material of valve body, nominal pressure ≤ 1.0mpa.It is generally used as a pipe control device for gas medium to regulate flow or cut off in cold or hot air pipelines containing dust in ventilation and environmental protection projects in industries such as industry, metallurgy, environmental protection, chemical industry, building materials, power station and glass, etc. Aeration butterfly valve should generally be installed horizontally in piping.

Product Advantages :

- 1. Q235 carbon steel valve body. Qualified material according to national standard, test report can be provided.
- 2. Valve body and inner parts are processed by CNC machine tools with accurate dimensions.
- 3. Weld is tight and smooth without leakage.
- 4. Epoxy coating, beautiful apperance.
- 5. Stainless steel nuts and bolts.
- 6. Strict quality control and inspection before leaving factory.

Parameters



Parameter Information :				
Executive standard :				
Name	Design and manufacture	Face to face Length	End Flange	Inspection Standard

Reference standard	GB/T 12238 ; JB/T 8692	GB/T 12221	GB/T 9115	GB/T 13927
Material of Main Parts:				
Name	14-Body	9-Disc	8-Shaft	Actuator
Material	Q235	Q235	420	Handle/Gearbox/Electric/Pneumatic

Dimensions :						
SIZE						
DN	NPS	L	φD	φD1	φD2	n-φd
50	2"	108	140	110	88	4-14
65	2 1/2"	112	160	130	110	4-14
80	3"	114	190	150	128	4-18
100	4"	127	210	170	148	4-18
125	5"	140	240	200	178	8-18
150	6"	140	265	225	202	8-18
200	8"	152	315	280	258	8-18
250	10"	165	370	335	312	12-18
300	12"	178	435	395	363	12-22
350	14"	190	485	445	415	12-22
400	16"	216	535	495	465	16-22
450	18"	222	590	550	520	16-22
500	20"	229	645	600	570	20-22
600	24"	267	755	705	670	20-26



Pneumatic triple eccentric butterfly valve

Size Range: DN50-DN1200

Pressure: PN16/150LB

Body Materials: WCB

Seat Materials: 13Cr/304/316

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

Stem Materials: 2Cr13/304/316

Introduction

Pneumatic hard seal butterfly valve, using triple eccentric multi-level metal hard seal structure, is widely used in metallurgy, electric power, petrochemical industry, as well as water supply and drainage and municipal construction and other industrial pipelines. Pneumatic tripple eccentric butterfly valve can adjust the flow and cut off the fluid, it has the double advantages of metal hard seal and elastic seal, no matter in the case of low temperature and high temperature, have excellent sealing performance, corrosion resistance, long service life and other characteristics.

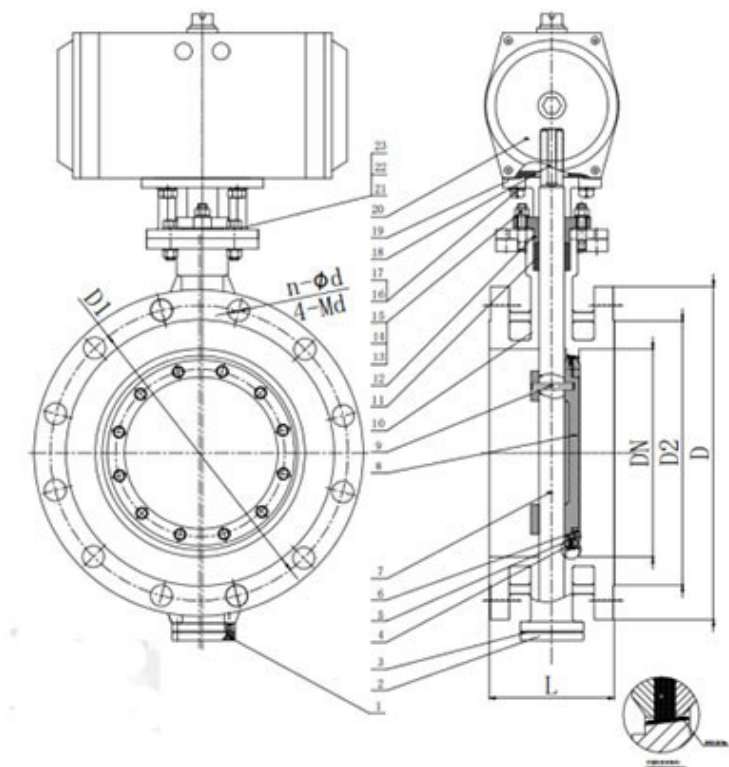
Features:

Applicable medium : Gas, dust gas, flue gas, etc.
Suitable temperature : -29 ~ 425°C
Application field : Environmental protection, metallurgy, chemical industry, electric power, building materials, etc.

Product advantages:

- 1. Precision casting valve body. Qualified WCB material. Fine appearance, no sand hole.
- 2. Heavy valve body.
- 3. The valve disc is processed by CNC precision machine with high precision.
- 4. The sealing ring of the valve body adopts soft and hard multi-layer metal ring, which has the double advantages of metal and elastic seal, to ensure excellent sealing performance in high temperature and low temperature environment.
- 5. Shaft made of stainless steel, through special treatment to double the strength of the shaft.
- 6. Each valve will be inspected for shell and seal pressure before leaving factory.
- 7. The protection level of electric actuator reaches IP65.

Parameters



Optional configuration	Body	Seat Seal	Disc	Shaft	Actuator
	WCB/CF3/ CF3M/CF8/	13Cr/304/316	WCB/CF3/ CF3M/CF8	2Cr13/304/316	Worm gear/Electric

	CF8M		/CF8M/		/Pneumatic
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Name	Design and manufacture	Face to face Length	Inspection Standard	End Flange
Reference standard	JB/T 8527 API 609	GB/T 12221 API 609	GB/T 13927 API 598	GB/T 9113 ASME B16.5

Name	10-Body	4-Seat Seal	8-Disc	7-Shaft	20-Pneumatic actuator
Material	WCB	430+graphite	WCB	2Cr13	Component

SIZE			PN16		150LB	
DN	NPS (Inch)	L	D1	N-d	D1	N-d
50	2"	108	125	4-18	120.7	4-19
65	2 1/2"	112	145	4-18	139.7	4-19
80	3"	114	160	8-18	152.4	4-19
100	4"	127	180	8-18	190.5	8-19
125	5"	140	210	8-18	215.9	8-22
150	6"	140	240	8-22	241.3	8-22
200	8"	152	295	12-22	298.5	8-22
250	10"	165	355	12-26	362	12-25
300	12"	178	410	12-26	431.8	12-25
350	14"	190	470	16-26	476.3	12-29
400	16"	216	525	16-30	539.8	16-29
450	18"	222	585	20-30	577.9	16-32
500	20"	229	650	20-33	635	20-32
600	24"	267	770	20-36	749.3	20-35
700	28"	292	840	24-36		
800	32"	318	950	24-39		
900	36"	330	1050	28-39		
1000	40"	410	1170	28-42		
1200	48"	470	1390	32-48		



Worm Gear PTFE Seat Butterfly Valve

Size Range: DN50-DN600

Pressure: PN10/16/150LB/10K

Body Materials: Ductile iron

Seat Materials: NBR/EPDM/SI/PTFE/VITON

Disc Materials: DI/CF8/CF8M/ C954

Stem Materials: 420/431/304/316

Introduction

Features

Applicable medium : Water, seawater, weak acid and alkali, air, oil, etc.

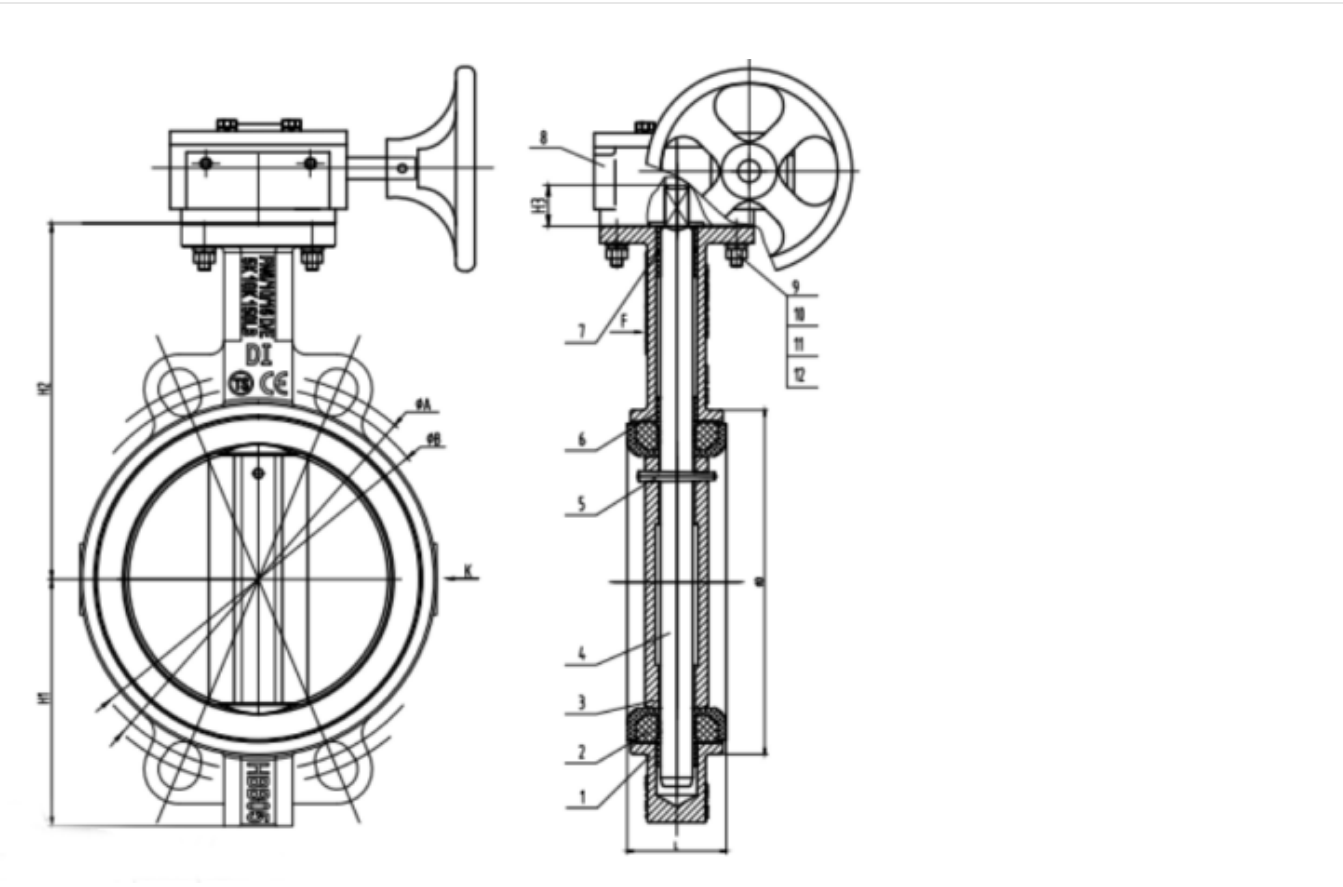
Suitable temperature : -20 ~ 120°C

Application field : Municipal construction,electricity,water treatment,petrochemical industry, etc.

Product advantages

- 1、 Bundor Valve patented product, patent number: CN201520267217.9, Side flange meets GB, DIN, GOST, ANSI,BS, JIS and other standards, convenient to connect.
- 2、 Material of valve body and disc are all adopted QT450-10, with level-3 spheroidization rate, over 10% elongation,450Mpa tensile strength, mechanical performance is fully up to standard. It is not easy to be cracked.
- 3、 The valve body adopts Akzo Epoxy coating,can reaches 250μm.
- 4、 SS304 disc, more corrosion resistant.
- 5、 Each valve is double pressure test of shell and seal to ensure that it is qualified.

Parameters



Optional	1	2	3	4	5
	Body	Seat	Disc	Stem	Actuator
	CI/DI/WCB/CF8/CF8M/	NBR/EPDM /SI/PTFE/VITON	DI/CF8/CF8M/ C954	420/431/304/316	DI Handle / worm gear / electric / pneumatic

Name	Design and manufacture	Face to face Length	Pressure Test	Top Flange	End Flange
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Reference standard	GB/T 12238	GB/T 12221	GB/T 13927 API 598	ISO 5211	PN10/16、 5 /10K、 CL150、 Table D/E
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Name	1-Body	2-Seat	3-Disc	4-Stem	5-Worm Gear
Material	DI	PTFE	CF8	420	Component

DN	in	H1	H2	H3	ØD	ØA	ØB	L	PN10/16	
									Øk	n- Ød
50	2"	80	129	24	87.1	125	105	43	12 5	4-1 8
65	2.5"	82	136	24	100.4	145	127	46	14 5	4-1 8
80	3"	85	153	24	116	160	145	46	16 0	8-1 8
100	4"	110	167	24	147.6	190.5	165	52	18 0	8-1 8
125	5"	122	193	27	172	216	200	56	21 0	8-1 8
150	6"	141	209	27	202	241.3	225	56	24 0	8-2 2
200	8"	170	251	30	253.7	298.4	280	60	29 5	8-2 2
250	10"	213	283	30	308.8	362	355	68	35 0/3 55	12- 22/ 12- 26
300	12"	240	315	30	362	431.8	390	78	40 0/4 10	12- 22/ 12- 26
350	14"	267	368	45	430	576.2	445	78	46 0/4 70	16- 22/ 16- 26
400	16"	309	400	52	482	540	210	102	51 5/5 25	16- 26/ 16- 30

450	18"	328	422	52	545	585	565	114	56 5/5 85	20- 26/ 20- 30
500	20"	361	480	64	609	650	620	127	62 0/6 50	20- 26/ 20- 33
600	24"	459	562	70	720	770	725	154	72 5/7 70	20- 30/ 20- 36



Ductile Iron Double Eccentric Butterfly Valve

Size Range: DN100-DN3000

Pressure: PN10/16

Body Materials: Ductile Iron/WCB

Seat Materials: 304

Disc Materials: QT450-10

Stem Materials: 2Cr13

Introduction

Double eccentric butterfly valve is mainly used for drainage of water plants, power plants, steel smelting, chemical industry, water source engineering, environmental facility construction, etc., especially suitable for water pipelines, as regulating and intercepting equipment. Compared with the centerline butterfly valve, the double eccentric butterfly valve is more resistant to high pressure, has a longer life and good stability.

Compared with other valves, the larger the caliber, the lighter the material, and the lower the cost. The structural feature of the double eccentric butterfly valve is that the shaft center of the valve stem deviates from the center of the butterfly plate and the center of the body. The double eccentric effect enables the butterfly plate to be released from the valve seat immediately after the valve is opened, which greatly eliminates unnecessary excessive extrusion and scratching of the butterfly plate and the valve seat, reduces the opening resistance, reduces wear and improves The life of the valve seat is improved. The scraping is greatly reduced, and at the same time, the double eccentric butterfly valve can also use a metal seat, which improves the application of the butterfly valve in the high temperature field.

Features:

- Applicable medium : Water, gas, oil, etc
Suitable temperature : 0°C ~ 80°C
Application field : Water treatment, municipal construction, drainage, power plants, etc.

Product advantages:

1. The body material is QT450 or WCB, and the chemical composition and mechanical properties meet the requirements of national standards. Material reports can be provided.
2. The valve body and inner parts are processed by CNC precision machine with high precision.
3. Adopt body sealing structure, which is different from the conventional plate sealing structure in the market, and can realize two-way sealing.
4. There are rubber soft seals and stainless steel hard seals available. The valve plate and other parts can also be selected according to the working conditions.
5. The valve seat is welded with stainless steel, which is more wear-resistant and has a longer service life.
6. The valve shaft is supported by self-lubricating sleeve bearings, which can reduce the friction produced during valve shaft transmission and reduce torque.
7. The world-famous brand Aksu epoxy resin spraying is used, and the spraying thickness is 250um.
8. Each valve must be tested in accordance with national standards when leaving the factory, and unqualified products will never

Parameters

Ductile Iron Double Eccentric Butterfly Valve

1. Executive standard :

Name	Design and manufacture	Face to face Length	End Flange	Pressure Test
Reference Standard	GB/T 12238	GB/T 12221	GB/T 17241.6	GB/T 13927

2. Material of Main Parts:

Name	5-Body	7-Disc	6-Stem	10-Disc Sealing	11-Body Sealing
Material	QT450-10	QT450-10	2Cr13	NBR	304

3.Dimensions :

Size			PN10		PN16	
DN	NPT	L	D2	n-d	D2	n-d
100	4"	127	180	8-φ19	180	8-φ19
125	5"	140	210	8-φ19	210	8-φ19
150	6"	140	240	8-φ22	240	8-φ22
200	8"	152	295	8-φ22	295	12-φ22
250	10"	165	350	12-φ22	355	12-φ28
300	12"	178	400	12-φ22	410	12-φ28
350	14"	190	460	16-φ22	470	16-φ28
400	16"	216	515	16-φ28	525	16-φ31
450	18"	222	565	20-φ28	585	20-φ31
500	20"	229	620	20-φ28	650	20-φ24
600	24"	267	725	20-φ31	770	20-φ37
700	28"	292	840	24-φ31	840	24-φ37
800	32"	318	950	24-φ34	950	24-φ40
900	36"	330	1050	28-φ34	1050	28-φ40
1000	40"	410	1160	28-φ37	1170	28-φ43
1200	48"	470	1380	32-φ40	1390	32-φ49
1400	56"	530	1590	36-φ43	1590	36-φ49
1600	64"	600	1820	40-φ49	1820	40-φ56
1800	72"	670	2020	44-φ49	2020	44-φ56
2000	80"	760	2230	48-φ49	2230	48-φ62
2200	88"	800	/			
2400	96"	850				
2600	104"	900				
2800	112"	950				
3000	120"	1000				



D81X Grooved butterfly valve

Size Range: DN50-DN200

Pressure: PN16

Body Materials: Ductile iron

Seat Materials: EPDM

Disc Materials: 304/316

Stem Materials: 2Cr13

Introduction

FEATURES

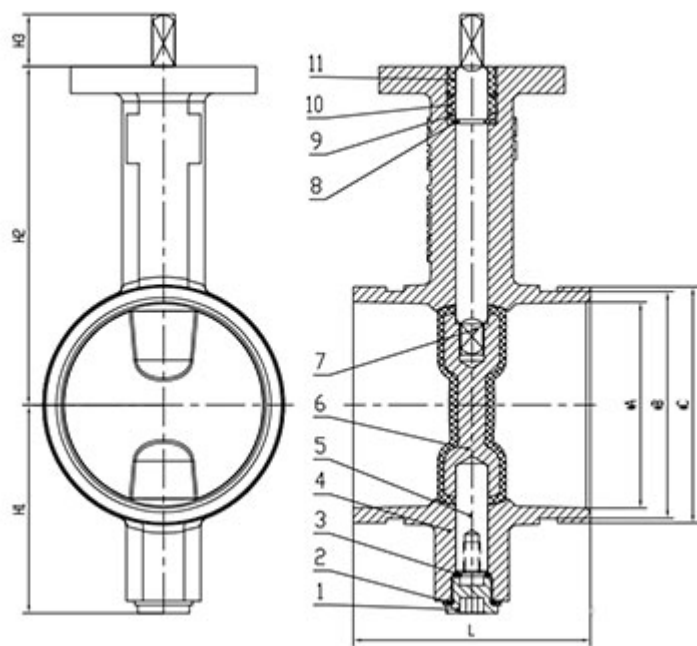
Suitable temperature : 0 ~ 80°C

Application field : fire pipeline, water treatment

Product advantages

- 1. QT450-10 ductile iron body. Level 3 spheroidal rate. 450Mpa tensile strength. Over 10% extension rate.
- 2. EPDM seat is made of imported Germany Bayer brand raw materials. 50% rubber content. No leakage after 10,000 times Opening and closing test.
- 3、One-piece shaft design , easy to install and replace.
- 4. There is a circlip groove which fixed on 4.the upper end of shaft,to prevent the valve shaft from blowing out during use and improve safety;
- 5. The valve shaft seal adopts the combination structure of oil-free bearing and packing to realize self-sealing;
- 6. Before leaving the factory, each valve is tested for pressure according to national standards to ensure that it is qualified.

Parameters



Parameter Information :

1. Executive standard :

Name	Design and manufacture		Pressure Test	End Flange
Reference standard	GB 5135.6		GB 5135.6	GB 5135.11

2. Material of Main Parts:

Name	4-Body	6-Disc	7-Shaft
Material	QT450	QT450+EPDM	2Cr13

3. Dimensions :

DN	NPS (Inch)	L	φA	φB	φC
50	2"	90	50	57	60.3
65	2 1/2"	97	61	69	73
80	3"	97	78	85	88.9
100	4"	116	101	110	114.3
125	5"	134	127	137	141.3
150	6"	134	150	164	168.3
200	8"	148	202	214.4	219.1



XD381X Signal Grooved butterfly valve

Size Range: DN50-DN200

Pressure: PN16

Body Materials: Ductile iron

Seat Materials: EPDM

Disc Materials: 304/316

Stem Materials: 2Cr13

Introduction

FEATURES

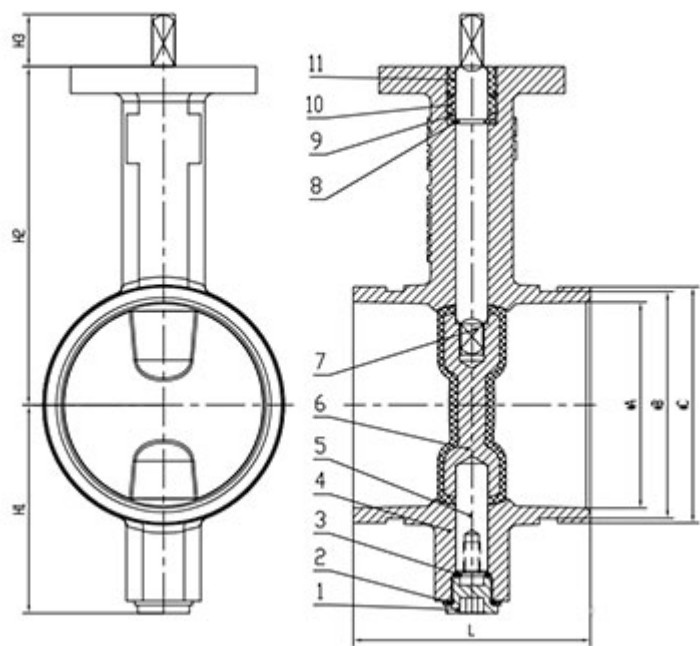
Suitable temperature : 0 ~ 80°C

Application field : fire pipeline, water treatment

Product advantages

- 1. QT450-10 ductile iron body. Level 3 spheroidal rate. 450Mpa tensile strength. Over 10% extension rate.
- 2. EPDM seat is made of imported Germany Bayer brand raw materials. 50% rubber content. No leakage after 10,000 times Opening and closing test.
- 3、One-piece shaft design , easy to install and replace.
- 4. There is a circlip groove which fixed on 4.the upper end of shaft,to prevent the valve shaft from blowing out during use and improve safety;
- 5. The valve shaft seal adopts the combination structure of oil-free bearing and packing to realize self-sealing;
- 6. Before leaving the factory, each valve is tested for pressure according to national standards to ensure that it is qualified.

Parameters



Parameter Information :

1. Executive standard :

Name	Design and manufacture		Pressure Test	End Flange
Reference standard	GB 5135.6		GB 5135.6	GB 5135.11

2. Material of Main Parts:

Name	4-Body	6-Disc	7-Shaft
Material	QT450	QT450+EPDM	2Cr13

3. Dimensions :

DN	NPS (Inch)	L	φA	φB	φC
50	2"	90	50	57	60.3
65	2 1/2"	97	61	69	73
80	3"	97	78	85	88.9
100	4"	116	101	110	114.3
125	5"	134	127	137	141.3
150	6"	134	150	164	168.3
200	8"	148	202	214.4	219.1



DN2600 Double Eccentric flange Butterfly Valve

Size Range: DN100-DN3000

Pressure: PN10/16

Body Materials: Ductile Iron/WCB

Seat Materials: 304

Disc Materials: QT450-10

Stem Materials: 2Cr13

Introduction

Double eccentric butterfly valve is mainly used for drainage of water plants, power plants, steel smelting, chemical industry, water source engineering, environmental facility construction, etc., especially suitable for water pipelines, as regulating and intercepting equipment. Compared with the centerline butterfly valve, the double eccentric butterfly valve is more resistant to high pressure, has a longer life and good stability.

Compared with other valves, the larger the caliber, the lighter the material, and the lower the cost. The structural feature of the double eccentric butterfly valve is that the shaft center of the valve stem deviates from the center of the butterfly plate and the center of the body. The double eccentric effect enables the butterfly plate to be released from the valve seat immediately after the valve is opened, which greatly eliminates unnecessary excessive extrusion and scratching of the butterfly plate and the valve seat, reduces the opening resistance, reduces wear and improves The life of the valve seat is improved. The scraping is greatly reduced, and at the same time, the double eccentric butterfly valve can also use a metal seat, which improves the application of the butterfly valve in the high temperature field.

Features:

Applicable medium : Water, gas, oil, etc

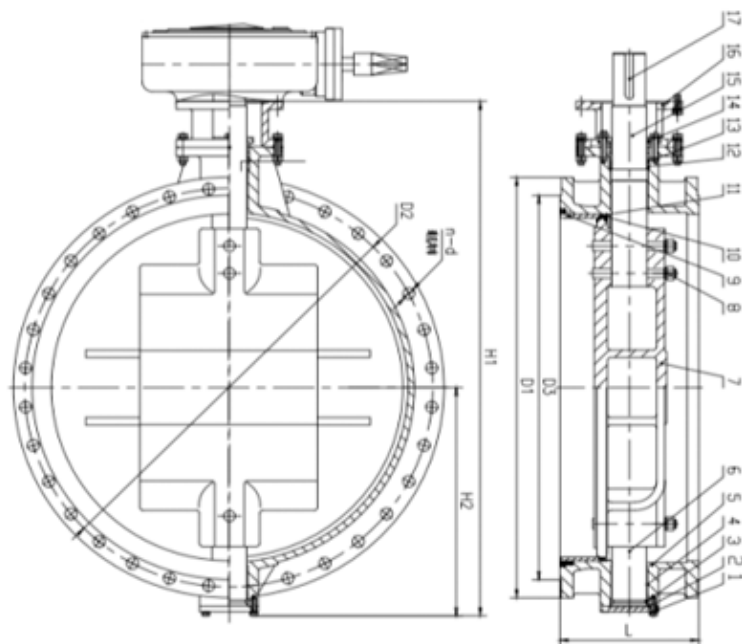
Suitable temperature : 0°C ~ 80°C

Application field : Water treatment, municipal construction, drainage, power plants, etc.

Product advantages:

1. The body material is QT450 or WCB, and the chemical composition and mechanical properties meet the requirements of national standards. Material reports can be provided.
2. The valve body and inner parts are processed by CNC precision machine with high precision.
3. There are rubber soft seals and stainless steel hard seals available. The valve plate and other parts can also be selected according to the working conditions.
4. The valve seat is welded with stainless steel, which is more wear-resistant and has a longer service life.
5. The valve shaft is supported by self-lubricating sleeve bearings, which can reduce the friction produced during valve shaft transmission and reduce torque.
6. The world-famous brand Aksu epoxy resin spraying is used, and the spraying thickness is 250um.
7. Each valve must be tested in accordance with national standards when leaving the factory, and unqualified products will never

Parameters



1. Executive standard :

Name	Design and manufacture	Face to face Length	End Flange	Pressure Test
Reference Standard	GB/T 12238	GB/T 12221	GB/T 17241.6	GB/T 13927

2. Material of Main Parts:

Name	5-Body	7-Disc	6-Stem	10-Disc Sealing	11-Body Sealing
Material	QT450-10	QT450-10	2Cr13	NBR	304

3.Dimensions :

Size			PN10		PN16	
DN	NPT	L	D2	n-d	D2	n-d
100	4"	127	180	8-φ19	180	8-φ19
125	5"	140	210	8-φ19	210	8-φ19
150	6"	140	240	8-φ22	240	8-φ22
200	8"	152	295	8-φ22	295	12-φ22
250	10"	165	350	12-φ22	355	12-φ28
300	12"	178	400	12-φ22	410	12-φ28
350	14"	190	460	16-φ22	470	16-φ28
400	16"	216	515	16-φ28	525	16-φ31
450	18"	222	565	20-φ28	585	20-φ31

500	20"	229	620	20-φ28	650	20-φ24
600	24"	267	725	20-φ31	770	20-φ37
700	28"	292	840	24-φ31	840	24-φ37
800	32"	318	950	24-φ34	950	24-φ40
900	36"	330	1050	28-φ34	1050	28-φ40
1000	40"	410	1160	28-φ37	1170	28-φ43
1200	48"	470	1380	32-φ40	1390	32-φ49
1400	56"	530	1590	36-φ43	1590	36-φ49
1600	64"	600	1820	40-φ49	1820	40-φ56
1800	72"	670	2020	44-φ49	2020	44-φ56
2000	80"	760	2230	48-φ49	2230	48-φ62
2200	88"	800	/			
2400	96"	850				
2600	104"	900				
2800	112"	950				
3000	120"	1000				

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