Wafer Universal Butterfly Valve

JIS Valve

Size Range: 2～10"(DN50～DN250）

Pressure:PN6, PN10, PN16, Class150,10K

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

End Connection: Wafer

Operate: Manual, Worm gear, Pneumatic, Electric-Motorized

Disc type: With-pin, One stem no-pin, Double stem no-pin

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 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 seat is a wide-edge seat, which is favorable for valve installation, wide contact surface with flange boss on pipeline, reliable sealing performance, and the installation precision is lower than the narrow-edge seat. 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 wesdomis 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. The pin with the pin butterfly valve adopts the tempering treatment, with high strength and wear resistance, and the connection is safe and reliable.

13. Each product of wesdomhas its own QR code mark and unique ID number from accessories to 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.

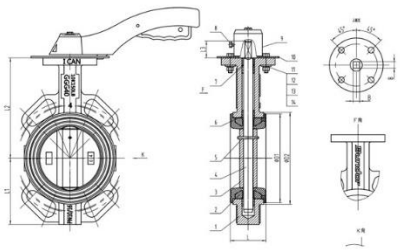
Standard Test :

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



A	B	C	L	ANSI 150B		DIN PN 10		DIN PN 16		JIS 10K		ISO 5211			Top Flange
				øK	N-ød	øK	N-ød	øK	N-ød	øK	N-ød	øD	øD1	N-øG	
67	141	32	33	98.5	4-ø16	110	4-ø18	110	4-ø18	105	4-ø19	65	50	4-ø8	F05
67	141	32	43	120.6	4-ø19	125	4-ø18	125	4-ø18	120	4-ø19	65	50	4-ø8	F05
75	151	32	46	139.7	4-ø19	145	4-ø18	145	4-ø18	140	4-ø19	65	50	4-ø8	F05
95	160	32	46	152.4	4-ø19	160	8-ø18	160	8-ø18	150	8-ø19	65	50	4-ø8	F05
111	180	32	52	190.5	8-ø19	180	8-ø18	180	8-ø18	175	8-ø19	90	70	4-ø10	F07

129	193	32	56	215.9	8-ø22.4	210	8-ø18	210	8-ø18	210	8-ø23	90	70	4-ø10	F07
142	207	32	56	241.3	8-ø22.4	240	8-ø22	240	8-ø22	240	8-ø23	90	70	4-ø10	F07
170	240	45	60	298.4	8-ø22.4	295	8-ø22	295	12-ø22	290	12-ø23	125	102	4-ø12	F10
206	270	45	68	361.9	12-ø25.4	350	12-ø22	355	12-ø26	355	12-ø25	125	102	4-ø12	F10
238	316	45	78	431.8	12-ø25.4	400	12-ø22	410	12-ø26	400	16-ø25	125	102	4-ø12	F10
267	368	45	78	476.2	12-ø28.4	460	16-ø22	470	16-ø26	445	16-ø25	125	102	4-ø12	F10
298	400	51	86	539.7	16-ø28.4	515	12-ø26	525	16-ø30	510	16-ø27	175	140	4-ø18	F14
318	422	51	105	577.8	16-ø31.8	565	20-ø26	585	20-ø30	565	20-ø27	175	140	4-ø18	F14
349	479	57	130	635	20-ø31.8	620	20-ø26	650	20-ø33	620	20-ø27	175	140	4-ø18	F14
410	562	70	152	749.3	20-ø35.1	725	20-ø30	770	20-ø36	730	24-ø33	210	165	4-ø22	F16

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