



■ WAFER TYPE MIDLINE BUTTERFLY VALVE

Product Overview

The valve has compact structure, easy 90° rotary switch, reliable sealing and long service life. It is widely used in water plant, power plant, steel plant, papermaking, chemical industry, diet and other systems for water supply and drainage, as regulation and cut-off use.

Product Features

1. Small and light, easy to disassemble and repair, can be installed at any position.
2. The structure is simple and compact, and the 90° rotary opening and closing are fast. The gas leakage is zero.
3. Small operating torque, energy saving lightweight.
4. Flow characteristics tend to be straight, with good adjustment performance.
5. The number of opening and closing experiments reaches 10000 times, with a long life.
6. Choose different parts can be applied to a variety of media.

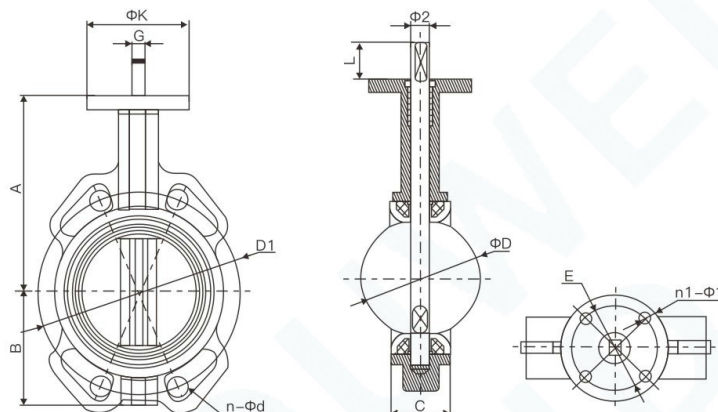
Main Technical Parameters

Test pressure	PN6	Shell: 0.9MPa	Seal: 0.66MPa
	PN10	Shell: 1.5MPa	Seal: 1.1MPa
	PN16	Shell: 2.4MPa	Seal: 1.76MPa
Drive way	Manual, Worm gear, Electric, Pneumatic		
Applicable temperature	0℃~80℃		
Surface treatment	Epoxy powder coating, 150-500um, according to AWWA C550 standard.		
Application range	Drinking water, water supply and drainage, sewage treatment, irrigation, fire and other pipelines.		

Material of Main Parts

No.	Component	Material
01	Body	Ductile iron GGG50
02	Plate	Ductile iron plating GGG50 Ductile iron is nickel plated GGG50 Stainless steel CF8 Carbon steel
03	Shaft	Stainless steel
04	Bushing	Nylon 1010
05	Rubber seat	EPDM NBR

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Main External and Connection Dimension

PN 1.0/1.6MPa

DN		Dimensions(mm)													
inch	mm	A	B	C	D	D1		L	K	E	Φ2	n1-Φ1	n-Φd		G
						1.0	1.6						1.0	1.6	
2"	50	140.5	64.5	43	53.9	125	125	32	90	70	14	4-Φ10	4-Φ19	4-Φ19	9.53
2.5"	65	153	72	46	65.2	145	145	32	90	70	14	4-Φ10	4-Φ19	4-Φ19	9.53
3"	80	153	86	46	79.7	160	160	32	90	70	14	4-Φ10	8-Φ19	8-Φ19	9.53
4"	100	176	100	52	105	180	180	32	90	70	16	4-Φ10	8-Φ19	8-Φ19	11.14
5"	125	191	112	56	130	210	210	32	90	70	16	4-Φ10	8-Φ19	8-Φ19	11.14
6"	150	202.5	128	56	155.8	240	240	32	90	70	20	4-Φ10	8-Φ23	8-Φ23	12.7
8"	200	243.5	162	60	206.7	295	295	45	125	102	26	4-Φ12	8-Φ23	12-Φ23	20.6
10"	250	273	194	68	253.25	350	350	45	125	102	26	4-Φ12	12-Φ23	12-Φ28	20.6
12"	300	311	223	78	301.85	400	410	45	125	102	28	4-Φ12	12-Φ23	12-Φ28	22.1
14"	350	368	267	76.5	333.3	460	470	45	125	102	31.6	4-Φ12	16-Φ23	16-Φ28	22.1
16"	400	400	307	86.5	389.6	515	525	51.2	175	140	33.15	4-Φ18	16-Φ28	16-Φ31	22.1
18"	450	422	328	105.6	440.5	565	585	51.2	175	140	38	4-Φ18	20-Φ28	20-Φ31	27
20"	500	480	361	131.8	491.6	620	650	64.2	175	140	41.15	4-Φ18	20-Φ28	20-Φ34	27
24"	600	562	459	152	592.5	725	770	70.2	210	165	50.65	4-Φ22	20-Φ31	20-Φ37	36
28"	700	624	520	163	695	840	840	66	300	254	63.5	4-Φ18	24-Φ31	24-Φ37	46
32"	800	672	591	188	794.7	950	950	66	300	254	63.5	4-Φ18	24-Φ34	24-Φ41	46
36"	900	720	656	203	864.7	1050	1050	118	300	254	75	4-Φ18	28-Φ34	28-Φ34	55
40"	1000	800	721	216	965	1160	1170	253	300	254	85	4-Φ18	28-Φ37	28-Φ44	55