

BS/DIN WAFER BUTTERFLY VALVE WITH GEARBOX**Type: D371X4****Doc No: DS-902-D371X4-01-E-X****1.0 PRODUCT OVERVIEW**

The wafer Butterfly valve is simple, with compact and 90° slewing crane structure, it's mainly used for low pressure pipeline.

**Dimensions:**

2" (DN50)-12" (DN300)

Design Standard:

BS EN 593, DIN EN 593

Connection Standard:

EN1092-2

Top Flange Standard

ISO 5211

Working Pressure:

PN16, PN10

Application:

The butterfly valve is an important component of the Waterworks system. The operating temperature range is 0°C-80°C.

Material of Matching Products:

- 1) Ductile Iron Adaptor Flange, like MECH type 321G,
Material: EN-GJS-450-10.

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
Location: _____ Date: _____ Approved & Date: _____

Standard: EN 1092-2

2) Steel Flange

Material: Carbon Steel

Standard: EN1092-1

Surface Treatment:

- Epoxy power painting (color numbers as RAL5005, etc)
- Others would be available upon client's detailed request

2.0 APPROVALS

3.0 SPECIFICATIONS

Product Sketch:

Sign Off:

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JINAN MEIDE CASTING CO., LTD

Part No.	Part	Standard Specification	Options
1	Body	EN-GJS-450-10	
2	Seat sealing	EPDM + Backing	NBR + Backing
3	Disc	EN-GJS-450-10	
4	Stem	Stainless Steel SS420	SS304/316, Bronze C95400
5	O-Ring	NBR	EPDM
6	Bushing	Nylon	PTFE
7	Hand Lever	EN-GJS-450-10	Aluminum

4.0 DIMENSIONS AND PERFORMANCE

4.1 Dimensions

Size		Dimension(mm)											
Inch	mm	A	B	C	L	V	G	ØD	ØD1	N-Ø	ISO5211	Ø2	Ø3
2"	50	140.5	64.5	43	158	32	9.53	53.9	125	4-φ19	F07	14	150
2.5"	65	153	72	46	158	32	9.53	65.2	145	4-φ19	F07	14	150
3"	80	157.5	86	46	158	32	9.53	79.7	160	8-φ19	F07	14	150
4"	100	176	100	52	158	32	11.14	105	180	8-φ19	F07	16	150
5"	125	191	112	56	158	32	11.14	130	210	8-φ19	F07	16	150
6"	150	202.5	128	56	158	32	12.7	156	240	8-φ23	F07	20	150
8"	200	243.5	162	60	239	45	20.6	206.7	295	12-φ23	F10	26	300
10"	250	273	194	68	239	45	20.6	253.3	355	12-φ28	F10	26	300
12"	300	311	223	78	229	45	22.1	301.9	410	12-φ28	F10	28	300

4.2 Flow rates

Sign Off:

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4.3 Strength & Cycle Testing

Shell Test: .2.4MPa.

Seal Test: 1.8MPa.

CycleTest:1000 cycles.

5.0 REFERENCE MATERIALS

Approved certification for Butterfly Valve

Sign Off:

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Location:_____ Date:_____ Approved& Date: _____