

WATER BUTTERFLY VALVE

Type:D71X34

Doc No:DS-933-D71X34-01-E-S

1.0 PRODUCT OVERVIEW

The wafer butterfly valve is simple, compact, 90 ° slewing crane structure regulator valve, can be used for low pressure pipeline.



Dimensions:

1.5"(DN40)-12"(DN300)

Design Standard:

BS EN 593

Connection Standard:

EN1092-2

Top Flange Standard:

ISO 5211

Working Pressure:

PN16,PN10

Application:

The wafer butterfly valve is mainly applied in the waterworks system, the working temperature is 0-80°C.

Material of Matching Products:

Sign Off:

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

- 1) Ductile Iron Adaptor Flange, like MECH type 321G,
Material: EN-GJS-450-10.
Standard: EN 1092-2
- 2) Steel Flange
Material: Carbon Steel
Standard: EN1092-1

Surface Treatment:

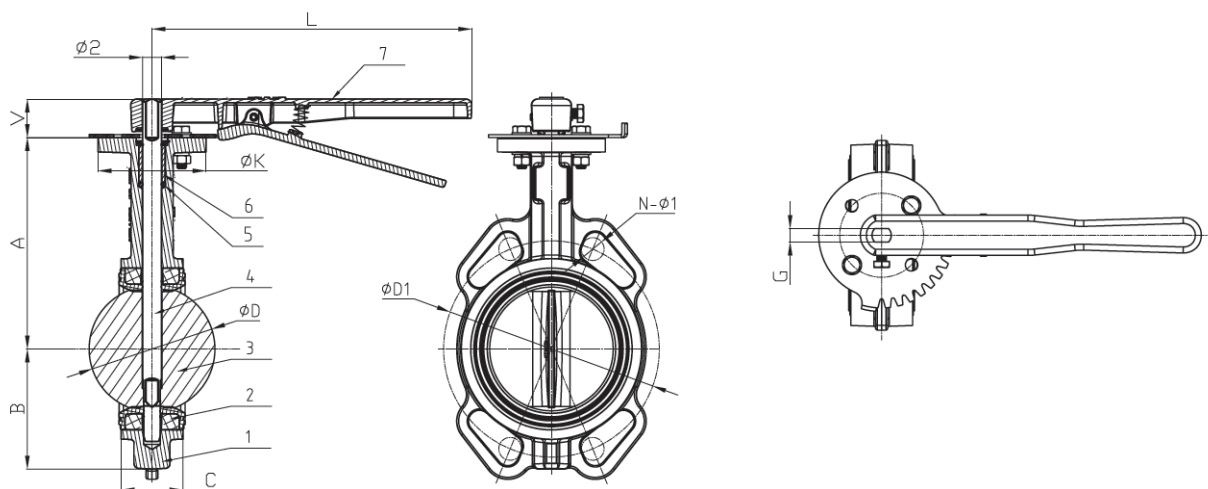
- ☐ Epoxy power painting (color numbers as RAL5002, RAL5005, RAL5013, etc)
- ☐ Painting (color numbers as RAL5005, etc)
- ☐ Others would be available upon clients' detailed request

2.0 APPROVALS



3.0 SPECIFICATIONS

Product Sketch:



Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Seat	EPDM & Resin Backing	NBR/Fluororubber&Resin Backing EPDM/NBR Vulcanized on Valve Body Soft Seat in EPDM/NBR
3	Disc	EN-GJS-450-10	AISI 304, AISI 316, AL-Bronze C95400
4	Stem	AISI 420	AISI 304, AISI 316, AISI 420, AISI 431

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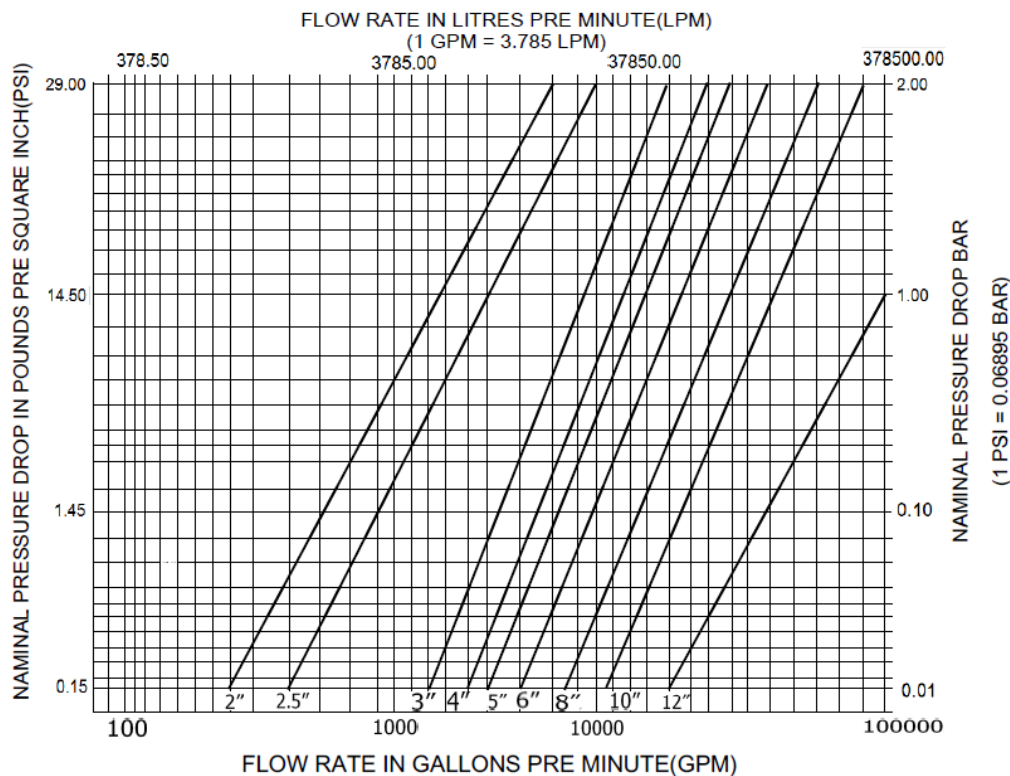
5	O-Ring	NBR	EPDM
6	Bushing	Nylon 1010	PTFE
7	Lever	EN-GJS-450-10	Aluminum

4.0 DIMENSIONS AND PERFORMANCE

4.1 Dimensions

Size		Dimension(mm)											
Inch	mm	A	B	C	L	V	G	ØD	ØD1	N-Ø1	ISO5211	Ø2	ØK
1.5"	40	138	64.5	33	267	32	9.45	43.9	110	4-M16	F07	14	90
2"	50	140.5	64.5	43	267	32	9.53	53.9	125	4-M16	F07	14	90
2.5"	65	153	72	46	267	32	9.53	65.2	145	4-M16	F07	14	90
3"	80	157.5	86	46	267	32	9.53	79.7	160	8-M16	F07	14	90
4"	100	176	100	52	267	32	11.14	105	180	8-M16	F07	16	90
5"	125	191	112	56	267	32	11.14	130	210	8-M16	F07	16	90
6"	150	202.5	128	56	267	32	12.7	156	240	8-M20	F07	20	90
8"	200	243.5	162	60	356	45	20.6	206.7	295	12-M20	F10	26	125
10"	250	273	194	68	490	45	20.6	253.3	355	12-M24	F10	26	125
12"	300	311	223	78	490	45	22.1	301.9	410	12-M24	F10	28	125

4.2 Flow rates



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4.3 Strength

Shell Test: 1.1 times rated working pressure.

Seal Test: 1.5 times rated working pressure.

CycleTest:1000 cycles.

5.0REFERENCE MATERIALS

Approved certification for WaferButterfly Valve

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