

BS/DIN WAFER BUTTERFLY VALVE WITH TAMPER SWITCH

Type: D371X80

Doc No: DS-933-D371X80-01-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 with tamper switch.



Dimensions:

2"(DN50)-12"(DN300)

Design Standard:

BS EN 593, DIN EN 593

Connection Standard:

BS EN 1092 PN10/PN16

Working Pressure:

PN16, PN10

Application:

The wafer butterfly valve with tamper switch is an important component of the fire protection 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.
Standard: EN 1092-2

Sign Off:

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

- 2) Steel Flange
Material: Carbon Steel
Standard: EN1092-1

Surface Treatment:

- ☐ Epoxy power painting (color numbers as RAL3000, etc)
- ☐ Painting (color numbers as RAL3000, etc)
- ☐ Others would be available upon clients' detailed request

Notes:

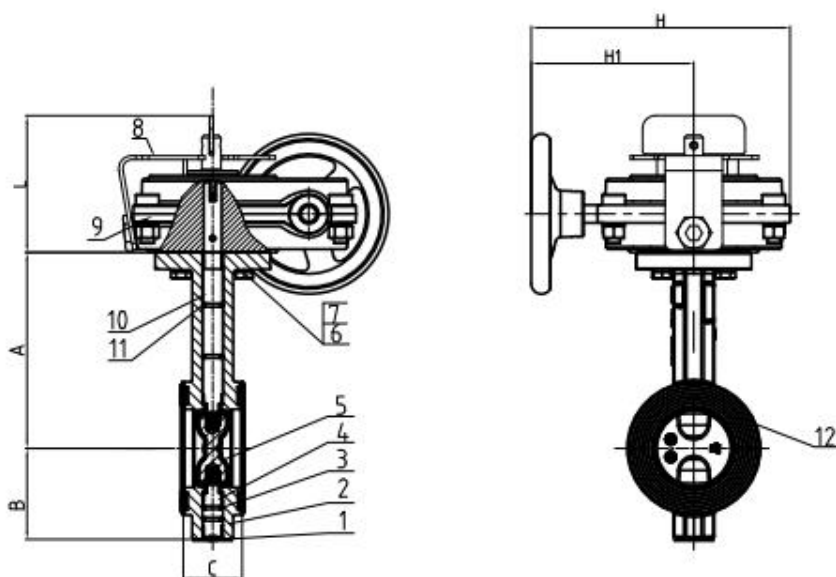
The valves are suitable for use outdoors. Some degradation of the painted/coated surfaces may occur (including rusting) which will not affect the performance of the valve. The UL listing specifically ensures the switch operation is not affected by outdoor conditions providing the proper installation instructions are followed. Butterfly valves should be installed a reasonable distance from pumps, elbows, expanders, reducers, or similar devices. Typical piping practices suggest a minimum distance of five times the pipe diameter for general use.

2.0 APPROVALS



3.0 SPECIFICATIONS

Product Sketch:



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Part No.	Part	Standard Specification	Options
1	Plug DT	EPDM	
2	BODY D11-2	EN-GJS-450-10	
3	O-Ring OXQ	NBR	
4	Stub Shaft XZZ54	SS431	
5	Disc DB1321	EN-GJS-450-10+EPDM	
6	Hex Nut 6FLS4.8	Carbon Steel Zinc plated	
7	Spring Washer ETDP	Spring steel,65MN	
8	Holder	Carbon Steel Zinc plated	
9	Gear box WL-RD	Body. EN-GJS-450-10	
10	Drive Shaft SZZ54	SS431	
11	O-Ring OXQ	NBR	
12	Gasket MFD	EPDM	

4.0 DIMENSIONS AND PERFORMANCE

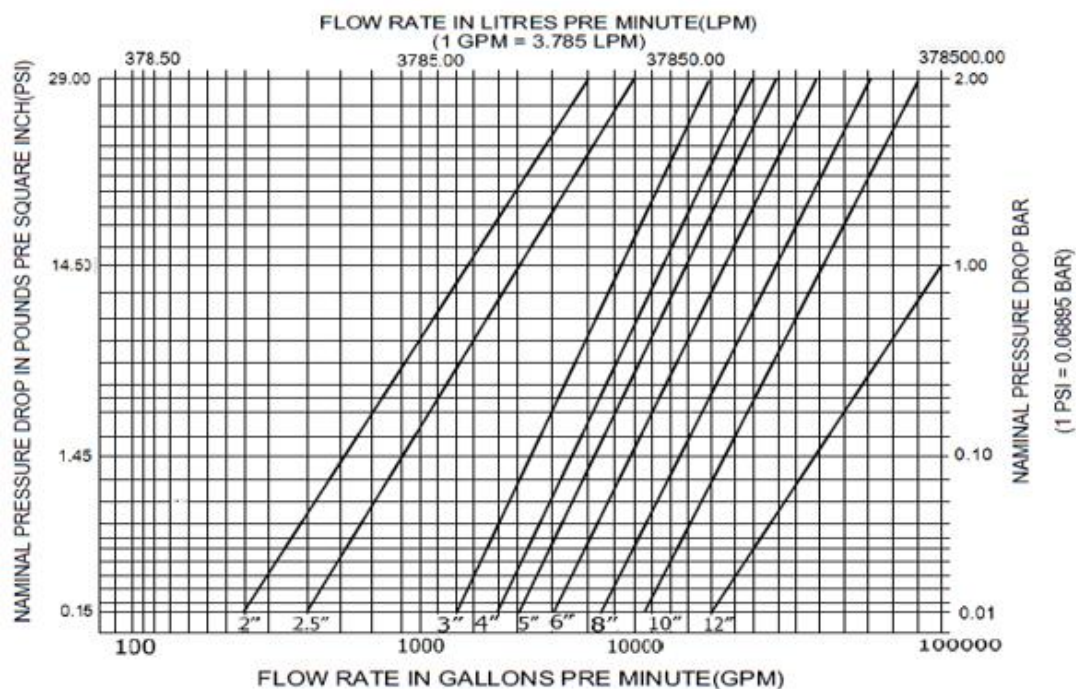
4.1 Dimensions

Size		Dimensions					
Inch	mm	A	B	C	L	H1	H
2"	50	140.5	65	43	107	127	202
2.5"	65	153	71	46	107	127	202
3"	80	157.5	81	46	107	127	202
4"	100	176	95	52	107	127	202
5"	125	191	111	56	107	127	202
6"	150	202.5	133	56	107	139.5	215
8"	200	243.5	164	60	107	198.5	274
10"	250	273	196	68	107	198.5	274
12"	300	311	226	78	115.5	198.5	297.5

4.2 Flow rates

Sign Off:

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4.3 Strength

Shell Test: 2 times of working pressure .

Seal Test: 2 times of working pressure.

Cycle Test: 1000 cycles.

5.0 REFERENCE MATERIALS

Approved certification for Butterfly Valve

Note: This document contains only basic product information. The information, photos, and drawings are not contractually binding. In all cases, the manufacturer's complete technical documentation remains the reference. Please note that certificates, test reports, and certifications may be issued in the name of the original equipment manufacturer.

Sign Off:

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 Location: _____ Date: _____ Approved & Date: _____