

BS/DIN GROOVED BUTTERFLY VALVE

Type:D81XS4

Doc No:DS-902-D81XS4-01-E-X

1.0 PRODUCT OVERVIEW

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



Dimensions:

2"(DN50)- 8"(DN200)

Design Standard:

BS EN 593, DIN EN 593

Connection Standard:

ISO 6182

Top Flange Standard

ISO 5211

Working Pressure:

PN16, PN10

Application:

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

Material of Matching Products:

Sign Off:

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

Ductile iron Grooved Coupling, like MECH type 1N, 1NS, 1G, 1GS

Material: EN-GJS-450-10

Standard: ISO6182, AWWA C606

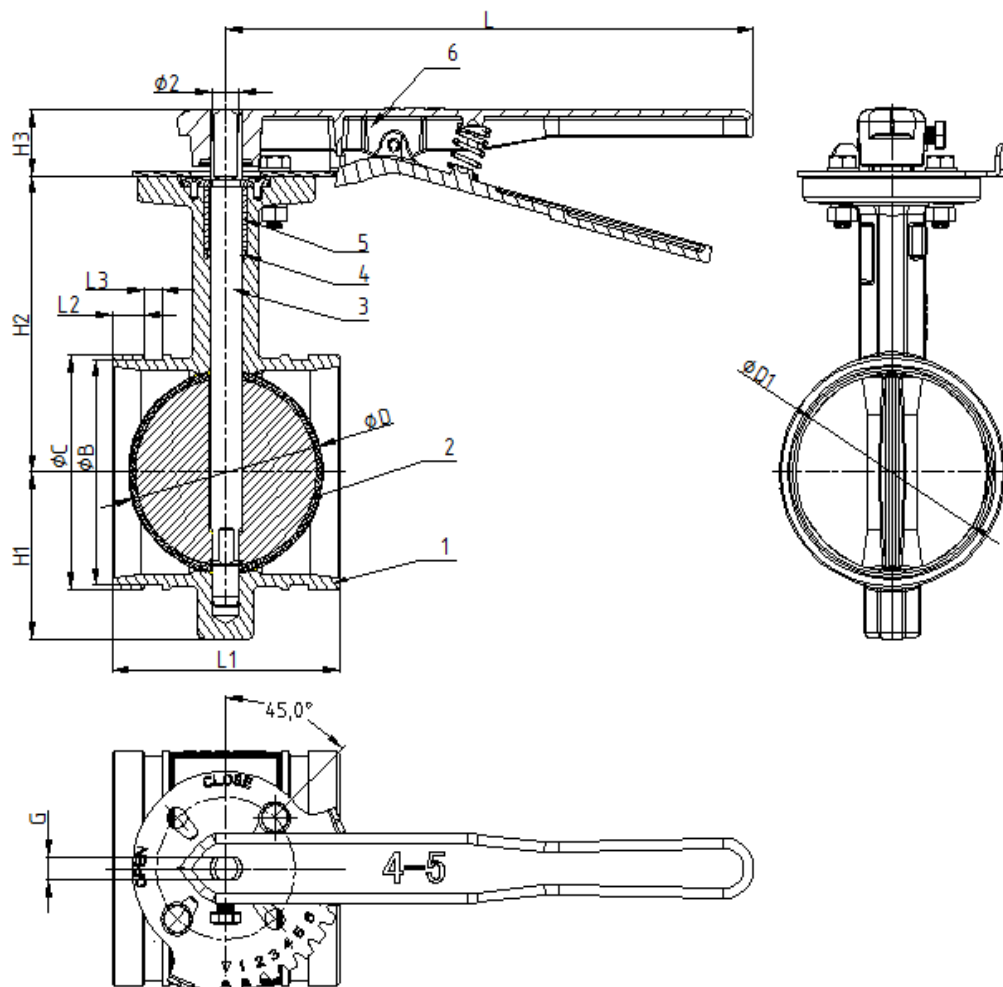
Surface Treatment:

- Epoxy power painting (color numbers as RAL5002RAL5005, etc)
- Others would be available upon clients'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	Disc	EN-GJS-450-10+EPDM	EN-GJS-450-10+NBR
3	Stub Shaft	SS420	SS301,SS316
4	O-Ring	NBR	EPDM
5	Bushing	Nylon	Brass
6	Hand Lever	EN-GJS-450-10	

4.0 DIMENSIONS AND PERFORMANCE

4.1 Dimensions

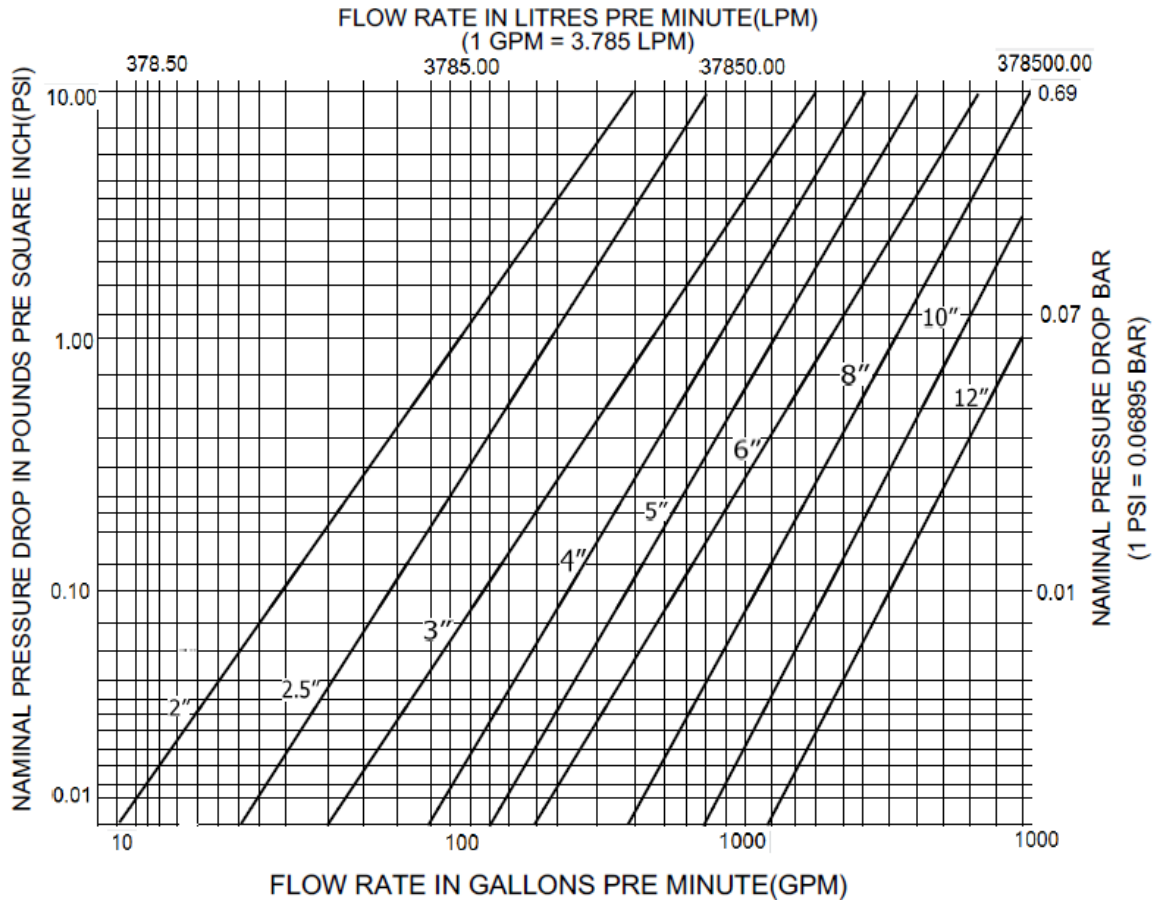
SIZE		PN	Dimension (mm)													
Inch	mm	Bar	L1	L2	L3	ΦB	ΦC	ΦD	H1	H2	H3	Φ2	G	ISO5211	L	D1
2	60.3	16	88	15.9	7.9	57.2	60.3	50.3	50	110	32	14	9.53	F07	267	48.9
2 1/2	76.1	16	90	15.9	7.9	72.3	76.1	60.8	60	122	32	14	9.53	F07	267	59.3
3	88.9	16	96	15.9	7.9	84.9	88.9	76	65	122	32	14	9.53	F07	267	74.3
4	114.3	16	115	15.9	9.5	110	114	98.5	82	145	32	16	11.1	F07	267	96.8
5	139.7	16	125	15.9	9.5	136	140	123	95	155	32	16	11.1	F07	267	121
6	165.1	16	132	15.9	9.5	161	165	148	110	175	32	20	12.7	F07	267	146
8	219.1	16	147	19.1	11.1	214	219	199	150	200	45	26	20.7	F10	356	201

4.2 Flow rates

Sign Off:

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Location: _____ Date: _____ Approved & Date: _____



4.3 Strength&CycleTesting

Shell Test: 2.4 MPa.

Seal Test: 1.76 MPa.

Cycle Test: 1000 cycles.

5.0 REFERENCE MATERIALS

Approved certification for Butterfly Valve

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