

BS EN 593 Universal Wafer Butterfly Valve (D71X4, D371X4), PN10/16

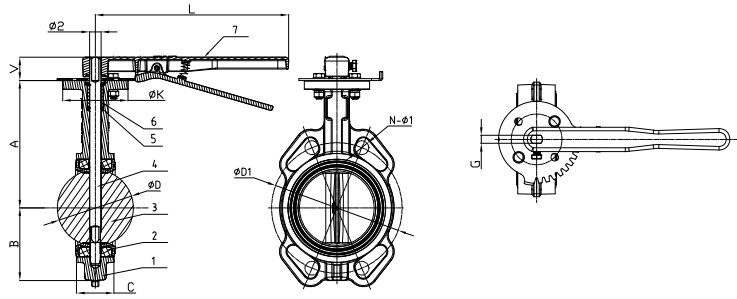


D71X4

Rubber Seat with Backing
Cartridge Style

WRAS ACS CE NSF/ANSI 61 NSF/ANSI 372

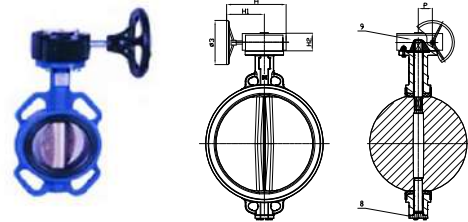
- Design Standard: BS EN 593
- Connection Ends: Universal Flange to BS EN 1092 PN10/PN16, AS 2129 TABLE E, JIS B2212 10K, BS 10 TABLE D/E
- Top Flange Standard: ISO 5211
Stem drive by keys, parallel or diagonal square or flat head
- Working Pressure: PN10/16
- Temperature Range: 0°C- 100°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Seat	DN40-400: EPDM & Backing DN450-800: EPDM Vulcanized on Valve Body	NBR/Fluororubber&Backing EPDM/NBR Vulcanized on Valve Body Soft Seat in EPDM/NBR
3	Disc	EN-GJS-450-10	SS304, SS316, AL-Bronze C95400
4	Stem	DN40-350: Stainless Steel, One-Piece Stem Design DN400-800: Stainless Steel, Two-Piece Stem Design	SS304, SS316, SS420, SS431
5	O-Ring	NBR	EPDM
6	Bushing	DN40-350: Nylon 1010 DN400-800: Lubricating Bronze	PTFE
7	Lever	EN-GJS-450-10	Aluminum
8	Shaft Cover (DN400-800)	EN-GJS-450-10	
9	Gear Box	EN-GJS-450-10	

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.



D371X4

Rubber Seat with Backing
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DN		Dimensions(mm)																
Inch	mm	A	B	V	C	ØD	Ø2	ØK	G	L	ØD1	N-Ø1	ISO 5211	Ø3	H	H1	H2	P
1.5"	40	138	64.5	32	33	43.9	14	90	9.45	267	110	4-Ø19	F07	150	206	158	52	43.5
2"	50	140.5	64.5	32	43	53.9	14	90	9.53	267	125	4-Ø19	F07	150	206	158	52	43.5
2.5"	65	153	72	32	46	65.2	14	90	9.53	267	145	4-Ø19	F07	150	206	158	52	43.5
3"	80	157.5	86	32	46	79.7	14	90	9.53	267	160	8-Ø19	F07	150	206	158	52	43.5
4"	100	176	100	32	52	105	16	90	11.14	267	180	8-Ø19	F07	150	206	158	52	43.5
5"	125	191	112	32	56	130	16	90	11.14	267	210	8-Ø19	F07	150	206	158	52	43.5
6"	150	202.5	128	32	56	156	20	90	12.7	267	240	8-Ø23	F07	150	206	158	52	43.5
8"	200	243.5	162	45	60	206.7	26	125	20.6	356	295	12-Ø23	F10	300	310	239	69	62.5
10"	250	273	194	45	68	253.3	26	125	20.6	490	355	12-Ø28	F10	300	310	239	69	62.5
12"	300	311	223	45	78	301.9	28	125	22.1	490	410	12-Ø28	F10	300	307	229	73	77.5
14"	350	340	267	48	78	333.9	31.6	150	22.1	-	470	16-Ø28	F12	300	307	229	73	77.5
16"	400	400	319.5	48	102	389.6	33.2	175	27	-	525	16-Ø31	F14	380	418	288	110	120
18"	450	422	345.4	48	114	441	38.1	175	27	-	585	20-Ø31	F14	380	418	288	110	120
20"	500	480	380	70.2	127	492.4	41.2	210	-	-	650	20-Ø34	F16	380	465	215	123	185
24"	600	562	441	70.2	154	592.8	50.6	210	-	-	770	20-Ø37	F16	380	500	215	129	185
Inch	mm	A	B	V	C	ØD	Ø2	ØK	G	L	ØD1	N-Ø1	ISO 5211	Ø3	H	H1	H2	P
28"	700	575	505	70.2	165	695	63.4	300	-	-	840	24-Ø31	F25	380	543	213	132	218
30"	750	660	550	70.2	165	744	63.4	300	-	-	900	24-Ø34	F25	380	543	213	132	218
32"	800	667	577	70.2	190	795.7	63.4	300	-	-	950	24-Ø34	F25	380	543	213	132	218

Note: Not designed for dead end service



This certifies that

JINAN MEIDE CASTING CO. LTD.

has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.

Model Numbers

**D71X4, D371X4, D71XLV4, D371XLV4, D41X4 & D341X4
(PLEASE REFER TO APPROVAL LETTER FOR SIZES)**

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

April 2027

Certificate No.

2204312

A handwritten signature in blue ink, appearing to read 'Ian Hughes', written in a cursive style.

Ian Hughes,
WRAS Approvals Manager



Certificate of Quality System Approval

This is to certify that the product listed below conforms to the requirements of the

Pressure Equipment Directive 2014/68/EU

Annex III Module H

Certificate Number	HPiVS-iP1001-123-Q-07-00	Date of Expiry	04-Nov-2024
Date of Issue	22-Dec-2022	Surveillance due:	04-Nov-2022
Manufacturer	Jinan Meide Casting Co., Ltd No.1 Meide Street, Rose Town, Pingyin County, Jinan City, Shandong Province, China		

Description of Pressure Equipment	Gate, check, butterfly, hydraulic control, air bleeding, bottom, balance, globe and hydrant valves, flexible rubber joints, water flow indicators and strainers as per attached schedule
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Equipment Identification	CE plate on each Category I, II and III item
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Type of material	steels
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Other Certification	ISO 9001:2015 Quality Management System Certificate no. CN034460 issued by Bureau Veritas
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Standards Applied	See certificate schedule
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Report Reference	HPiVS-iP1001-123-7
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This Certificate is valid in any European Economic Area Member State.

This Report has been issued by HPi Verification Services (Ireland) Ltd. which is a body notified to the European Commission according to the provisions of the Pressure Equipment Directive (Notified Body number 2810).

This Report is issued following the assessment of the documentation and implementation of the Quality System in accordance with the provisions of the quoted Conformity Assessment Module of the above directive. The CE Mark may be affixed to the Pressure Equipment within the scope of approval as described above once the EU 'declaration of conformity' has been signed by the responsible person. The number '2810', being HPi Verification Services (Ireland) Ltd. Notified Body number should also be placed on the equipment dataplate.

Check this certificate is genuine



Managing Director

Technical Manager



EU Notified Body No. 2810
Company registered in Ireland #577786

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Tel +353 (0)1 8017008

Email enquiries@hpivs.ie
www.hpivs.ie

HPi Verification Services (Ireland) Ltd.
Clonross
Dunshaughlin, Co.Meath
A85 XN59, Ireland



Schedule To Certificate No HPiVS-iP1001-123-Q-07-00

Product	DN (mm)	PN (bar)	Design Standard	Temperature Range (°C)
Gate Valve	25-2000	6,10, 16, 25, 35,40	BS5163, EN1074, DIN EN1171, AWWA C515,	0-120
Check Valve	25-2000	6,10, 16, 25, 35,40	BS EN 12334, BS EN 16767, MSS SP- 136, AWWA C508,	
Butterfly Valve	25-3000	6,10, 16, 25, 35,40	BS EN593, MSS SP-67, API 609	
Hydraulic Control Valve	25-600	6,10, 16, 25, 35,40	EN 1074-5, AWWA C530, EN1092-2, ASME B16.1,	
Flexible Rubber Joint	25-1200	6,10, 16, 25, 35,40	EN1092-2, ASME B16.1, ISO 7-1, ASME B1.20.1	-10-120
Water Flow Indicator	50-250	6,10, 16, 25, 35,40	ISO 6182, AWWA C606	0-120
Air Bleeding Valve	25-300	6,10, 16, 25, 35,40	EN1092-2, AWWA C512, ISO 7-1,	0-120
Strainer	8-1600	6,10, 16, 25, 35,40	EN1092-2, ASME B16.1, ISO 7-1, ASME B1.20.1	0-120
Bottom Valve	15-600	6,10, 16, 25, 35,40	BS EN 1563, EN 1092-2, ASME B16.42, ISO 7-1,	0-80
Balance Valve	15-600	6,10, 16, 25, 35,40	BS 7350, BS EN 1092-2, EN 558-1, BS EN 12266-1, BS EN 12266-2	-10°~120
Globe Valve	15-600	6,10, 16, 25, 35,40	BS EN 13789, BS 5152, BS EN 1092-2, BS EN 12266-1, BS EN 12266-2	-10° ~ 150
Hydrant Valve	50-300	6,10, 16, 25, 35,40	ASME B16.1, ASMT A536,65-45-12, BS 750, BS EN 1092-2, EN1092-2, GB3445, ISO 7-1,BS10 Table D/E Auto-frost Drain Valve as Standard, BS 750, AWWA C502, AWWA 503, EN 14339 EN14384	0-100

End of schedule

