

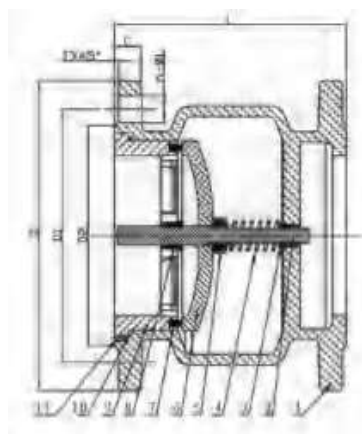
Silent Check Valve (HC41X), PN10/16/25



HC41X

CE NSF/ANSI 61 NSF/ANSI 372

- Connection Ends: Flange to BS EN 1092-2:1997
- Working Pressure: PN10/16/25
- Temperature Range: 0°C- 80°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	Stem	SS420	SS304, SS316, SS431
3	Hinge Bushing	Brass Hpb59-1	
4	Spring	SS304	SS316
5	Nut	SS304	SS316
6	Disc	EN-GJS-450-10	
7	O-Ring	EPDM	NBR
8	Hinge Bushing	Brass Hpb59-1	
9	Seat	EN-GJS-450-10	
10	O-Ring	NBR	EPDM
11	Screw	Carbon Steel Zinc Plated	SS304, SS316

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

DN		PN	Dimensions(mm)						
Inch	mm		L	D	D1	d	C	T	n-φL
2"	50	10/16/25	120	165	125	99	19	3	4-Ø19
2.5"	65	10/16/25	135	185	145	118	19	3	4-Ø19
3"	80	10/16/25	155	200	160	132	19	3	8-Ø19
4"	100	10/16	165	220	180	156	19	3	8-Ø19
		25	165	235	190	156	19	3	8-Ø23
5"	125	10/16	190	250	210	184	19	3	8-Ø19
		25	190	270	220	184	19	3	8-Ø23
6"	150	10/16	210	285	240	211	19	3	8-Ø23
		25	210	300	250	211	20	3	8-Ø28
8"	200	10	260	340	295	266	20	3	8-Ø23
		16							12-Ø23
		25							12-Ø28
10"	250	10	285	405	350	319	22	3	12-Ø23
		16			355				12-Ø31
		25			370	330	24.5	3	12-Ø28
12"	300	10	315	480	400	370	24.5	4	12-Ø23
		16			410				12-Ø28
		25			430	389	27.5	4	16-Ø31



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

Equipment Identification

CE plate on each Category I, II and III item

Type of material

steels

Other Certification

ISO 9001:2015 Quality Management System Certificate no. CN034460 issued by Bureau Veritas

Standards Applied

See certificate schedule

Report Reference

HPiVS-IP1001-123-7

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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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

