

SANITARY SYSTEM

Y-TYPE STRAINER

BRAND NAME	:	MECH
MODEL	:	V4
SIZE	:	2" - 12" DIA
WORKING PRESSURE	:	232 PSI. W.O.G
CONNECTION	:	PN16 FLANGED ENDS.

MATERIAL OF CONSTRUCRTION

BODY	:	DUCTILE IRON
SCREEN	:	304 STAINLESS STEEL
GASKET	:	EPDM
BONNET	:	DUCTILE IRON

Flanged Y-Type Strainer (V4), PN10/16/25

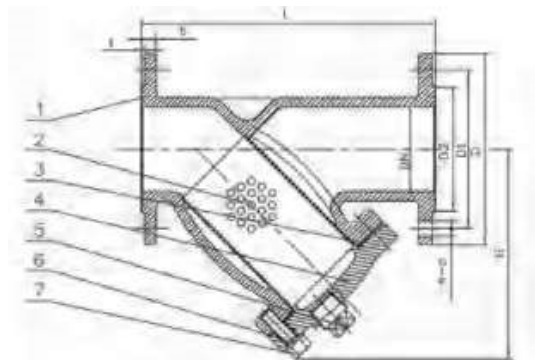


V4



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	Screen	SS304 (Perforated)	SS304, SS316 (Perforated, Knitted, Double Screen)
3	Gasket	Graphite+Acanthopore Plate	EPDM
4	Bonnet	EN-GJS-450-10	
5	Plug	Malleable Iron Galvanized	Bronze ASTM B584
6	Bolt	Carbon Steel Zinc Plated	SS304, SS316
7	Flat Washer	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	D2	b	n-Φd	f	H
1/2"	15	10/16/25	130±2	95	65	45	14	4-Φ14	2	59
3/4"	20	10/16/25	150±2	105	75	56	16	4-Φ14	2	68
1"	25	10/16/25	160±2	115	85	65	16	4-Φ14	3	70
1 1/4"	32	10/16/25	180±2	140	100	76	18	4-Φ19	3	86
1.5"	40	10/16/25	200	150	110	90	19	4-Φ19	3	140
2"	50	10/16/25	230	165	125	99	19	4-Φ19	3	140
2.5"	65	10/16	290	185	145	118	19	4-Φ19	3	175
		25						8-Φ19		
3"	80	10/16/25	310	200	160	132	19	8-Φ19	3	198
4"	100	10/16	350	220	180	156	19	8-Φ19	3	229
		25		235	190			8-Φ23		
5"	125	10/16	400	250	210	184	19	8-Φ19	3	287
6"	150	10/16	480	285	240	211	19	8-Φ23	3	304
		25		300	250		20	8-Φ28		
8"	200	10	600	340	295	266	20	8-Φ23	3	370.5
		16						12-Φ23		
		25						12-Φ28		
10"	250	10	730	405	350	319	22	12-Φ23	3	469
		16			355			12-Φ28		
		25			425	370	24.5	12-Φ31		
12"	300	10	850	460	400	370	24.5	12-Φ23	4	540
		16			410			12-Φ28		
		25			485	430	27.5	16-Φ31		
14"	350	10	838	520	460	429	26.5	16-Φ23	4	625
		16			470			16-Φ28		
16"	400	10	864	580	515	480	28	16-Φ28	4	715
		16			525			16-Φ31		
18"	450	10	1200	640	565	530	30	20-Φ28	4	862
		16			585			20-Φ31		
20"	500	10	1250	715	620	582	31.5	20-Φ28	4	926
		16			650			20-Φ34		
24"	600	10	1450	840	725	682	36	20-Φ31	5	1057
		16			770			20-Φ37		

SHORT STYLE

DN		PN	Dimensions(mm)							
Inch	mm		L	D	D1	D2	b	n-Φd	f	H
18"	450	10	850	640	565	530	30	20-Φ28	4	693
		16			585	548		20-Φ31		
20"	500	10	1000	715	620	582	31.5	20-Φ28	4	774
		16			650	609		20-Φ34		
24"	600	10	1100	840	725	682	36	20-Φ31	5	956
		16			770	720		20-Φ37		



This certifies that

JINAN MEIDE CASTING CO. LTD.

*has had the undermentioned product examined, tested and found,
when correctly installed, to comply with the requirements of the
United Kingdom Water Supply (Water Fittings) Regulations and
Scottish Water Byelaws.*

V4 'Y' PATTERNED IN-LINE STRAINERS

*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 Directory (www.wras.co.uk/directory)*

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

September 2024

1909362

Certificate No.

A handwritten signature in dark ink, appearing to read 'J. Furnival'.

Secretary

A handwritten signature in dark ink, consisting of several vertical strokes followed by a horizontal line.

Chairman, Product Assessment Group



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, hydrualic 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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www.eucertification.ie

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

