SANT VALVES
SINCE 1953

I.B.R
ISO 9001 CERTIFIED COMPANY

WM-4 Sant Brass Water Meter Fan-Wheel (Dry Dial) Multi-Jet Class-B

Description

Water meter for hot water is manufactured by using advanced technology, in which, the register device is combinated pointers and rolling counters which is convenient, clear and correct for reading as well as nice appearance.
The register system is designed by means of magnetic-drive, which is hermitically-sealed and completely separates the register system & water. It however can not be influence even if in pure water condition as well as corrosion of indicating dial. These water meter have high accuracy of measurement, steady error curve of flow rate. The performance is more advanced than existing ISO standard.

Working Conditions

Water Temperature < 90°C
Water Pressure < 1MPa
ΔP < 0.1MPa

Accuracy

- From minimum flow-rate (Qmin) inclusive, to transitional flow-rate (Qt),exclusive: ±5%
- From transitional flow-rate (Qt) inclusive, to overload flow-rate (Qs), exclusive: ±2%

Application

- This water meter is used for measurement of total quantity of water passing through the pipeline.
- It is available for water flowing in a single direction.

Dimensions (in mm)

Size	L ±2	W (Approx.)	H (Approx.)	D Connecting Thread	Minimum Reading
15	165	97	109	G 3/4″ B	1.5
20	190	97	110	G 1″ B	1.7
25	260	104	117	G 1.1/4″ B	2.4
32	260	104	117	G 1.1/4″ B	2.4
40	300	127	153	G 2″ B	5.1
50	300	127	153	G 2.1/2″ B	7.2

Technical Data

Nominal Size DN (mm)	Class of measurement	Overload flow-rate Qs (m^3/h)	Permanent flow-rate Qp (m^3/h)	Transiional flow-rate Qt (m^3/h)	Minimum flow-rate Qmin (m^3/h)	Minimum Reading (m^3)	Maximum Reading (m^3)
15	B	3	1.5	120	30	0.0001	
20	B	5	2.5	200	50	0.0001	
25	B	7	3.5	280	70	0.0001	99999
32	B	7	3.5	280	70	0.0001	99999
40	B	20	10	800	200	0.001	
50	B	30	15	3000	450	0.001	

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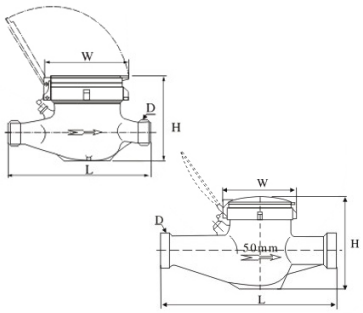
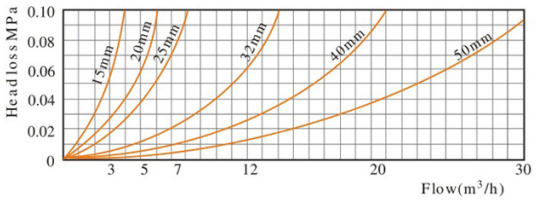
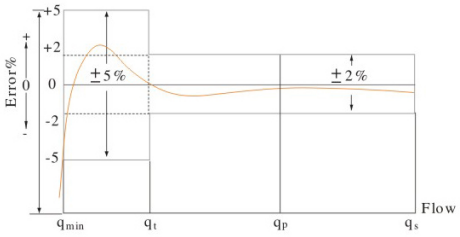


Head Loss Curve



Error Curve



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