MJ-SDC(Z1)

Multi-jet Dry Type vane Wheel Water Meter

DN15 50 Screw Connection

DN50 Flange Connection

It is a Multi-jet Super dry water meter for residential application in sizes 15mm and 50mm for cold meter.

Features

- Magnetic drive, lower transmission resistance
- Magnetic shield, for external magnetic field protection
- Sealed dry dial register ensures clear reading
- Internal strainer ,inlet strainer for selecting
- External Regulating Device

Standards Compliance

- ISO 4064 Class B for horizontal Installation

Optional Features

- Several lengths and connections avaliable on request
- Non return valve
- Reed switch option

Working Conditions

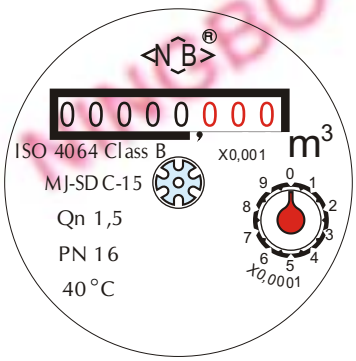
- Water temperature: 40℃
- Water pressure: 1.6 MPa

Installation Requirements

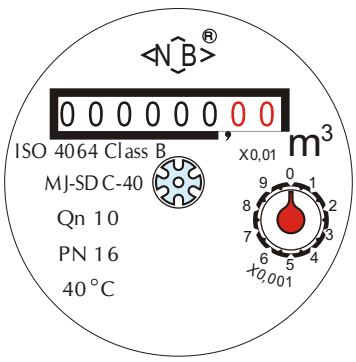
- The meter should be installed in horizontal position with the direction of the flow as in dicated by the arrow cast in the meter body with the register face upwards
- Pipeline must be flushed before installation
- The meter should be constantly full of water during operation

Dial Plate

DN15 32



DN40 50



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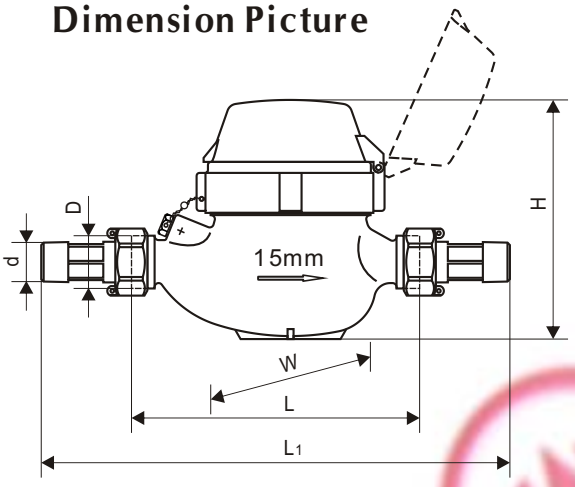
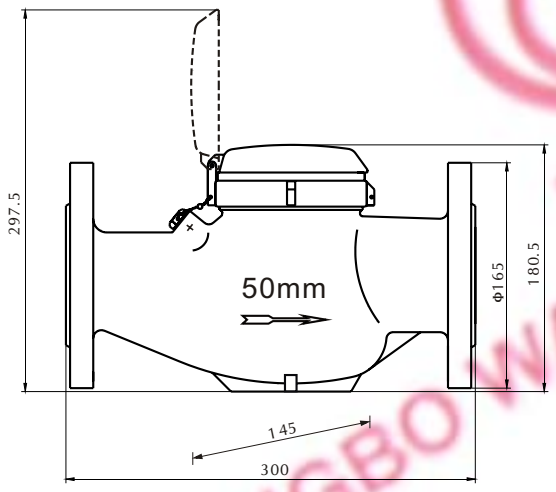
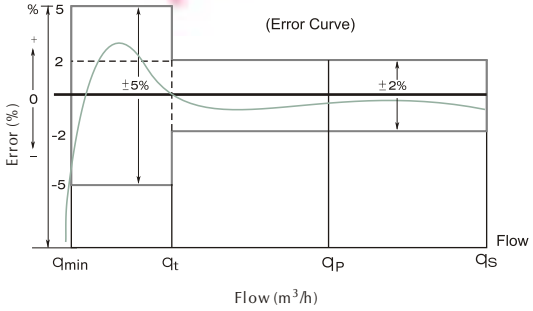
Dimension Picture

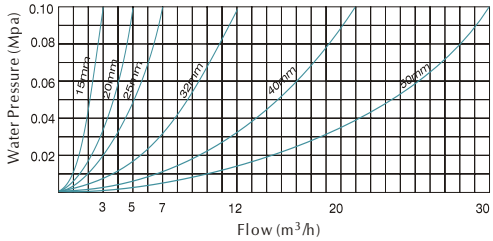




Accuracy Curve



Head Loss Curve



Technical Characteristics

Dimensions and Weigts

Nominal diameter		DN	15	20	25	32	40	50
Body thread		D	G3/4B	G1B	G1 1/4B	G1 1/2B	G2B	G2 1/2B
Connector thread		d	R1/2	R3/4	R1	R1 1/4	R1 1/2	R2
Body length	mm	L	165/145	190	260/225	260/230	300/245	300
Overall length	mm	L1	259/239	294	380/345	384/354	431/376	448
Width	mm	W	94	94	99	99	122	145
Meter height	mm	H	117	117	117	117	150	180
Weight without connectors	Kg		1.3/1.2	1.45	3.5/3.2	3.6/3.4	5.1/4.8	8.5
Weight with connectors	Kg		1.48/1.38	1.73	4.02/3.72	4.4/4.2	6.14/5.84	10.22

1. "L_1" is the total length when coupling gaskets without compression.
2. The weight for reference.

Main Technical Data

Nominal diameter		DN	15	20	25	32	40	50
Maximum flow rate	m^3/h	Qmax	3.0	5.0	7.0	12	20.0	30.0
Nominal flow rate	m^3/h	Qn	1.5	2.5	3.5	6.0	10.0	15.0
Transition flow rate	l/h	Qt	120	200	280	480	800	1200
Minimum flow rate	l/h	Qmin	30	50	70	120	200	300
Maximum reading		m^3	99999.99995				999999.9995	
Minimum reading		m^3	0.00005				0.0005	

Maximum Permissible Error

In the lower zone from Q_{min} inclusive up to but excluding Q_t is ± 5% .

In the upper zone from Q_t inclusive up to and including Q_{max} is ± 2% .

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