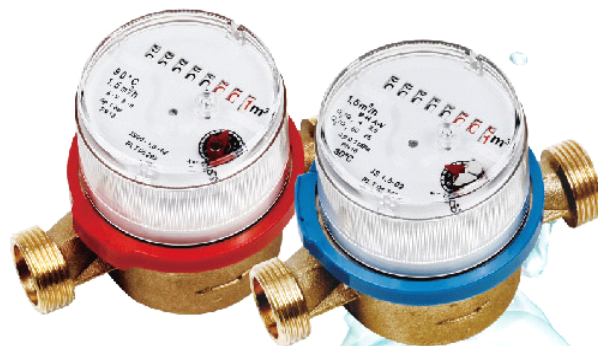


Domestic

Single Jet Dry Dial Vane Wheel Water Meter

SJD-13D3~40D3



Applications

- Measuring the volume of potable water passing through the pipeline for residential application.

Available Sizes

- 1/2", 3/4", 1", 1 1/2", 1 3/4".
13mm, 20mm, 25mm, 32mm, 40mm.

Standards

- ISO 4064 Class B

Features:

- Small in size and light in weight.
- Magnetic drive with lower transmission resistance.
- Magnetic shield provides resistance to external magnet interference.
- Vacuum sealed dry dial register ensures the dial keeps long term clear reading under the condition of fog and moisture.
- Register can rotate 360° for easy reading in any position.

Options:

- Several lengths for meter body Dn13mm: 80mm, 110mm, 115mm, 130mm.
- Inlet strainer.
- Non-return valve.
- Pulse output option.
- Meter for hot water and cold water.
- Cubic Meter(m³) and U.S.Gallon(USG) for choice.

Technical Specifications:

- Maximum Working Temperature :**
40°C for cold potable water meter.
90°C for hot potable water meter.
- Maximum Working Pressure :** 16Bar
- Body :** Corrosion Proof Copper Alloy
- Coupling Threads :** BSP

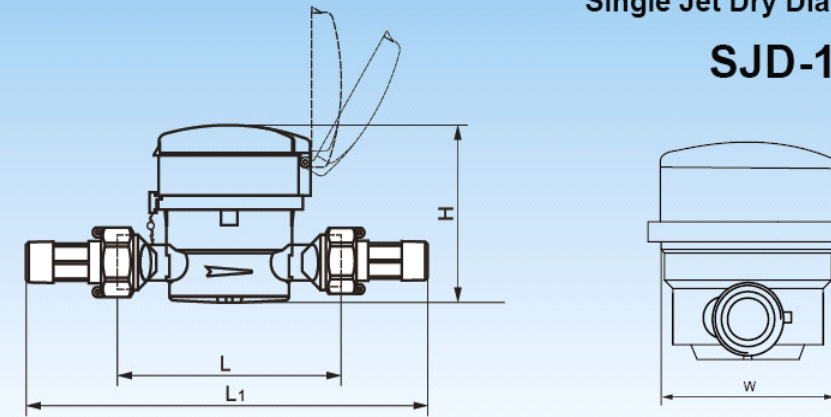
Installation Requirements:

- The pipeline must be flushed before meter installation.
- The meter must be installed according to the arrow direction indicated on the meter body.
- The meter should be installed in horizontal position with dial face up.
- The meter should be constantly full of water during operation.

Domestic

Single Jet Dry Dial Vane Wheel Water Meter

SJD-13D3~40D3



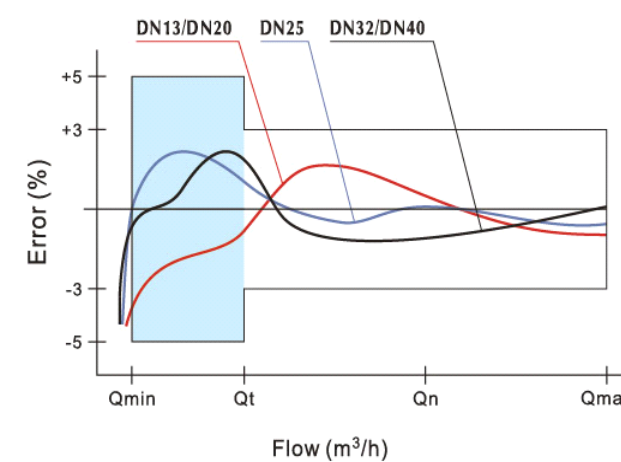
Dimensions and Weights

Nominal diameter	mm	DN	13	20	25	32	40
Body length	mm	L	80/110	130	160	160	200
Overall length	mm	L1	174/204	234	280	284	331
Width	mm	W	80	80	80	110	110
Meter height	mm	H	88	88	96	123	123
Weight without connectors	Kg		0.5/0.6	0.7	1.05	2.1	2.43

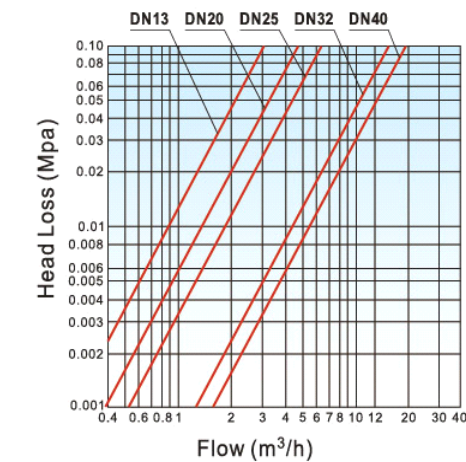
Maximum Permissible Error:

- In the lower zone from Qmin inclusive up to but excluding Qt is ± 5%.
- In the upper zone from Qt inclusive up to and including Qmax is ± 2%.
- In the upper zone from Qt inclusive up to and including Qmax is ± 3%(hot water).

Accuracy Curve



Head Loss Curve



Performance Data

Nominal diameter	mm	DN	13	20	25	32	40
Maximum flowrate	m ³ /h	Qmax	3.0	5.0	7.0	12	20.0
Nominal flowrate	m ³ /h	Qn	1.5	2.5	3.5	6.0	10.0
Transitional flowrate	l/h	Qt	120	200	280	480	800
Minimum flowrate	l/h	Qmin	30	50	70	120	200
Maximum reading		m ³	99999.9999				
Minimum reading		m ³	0.0001				