JIANGBEI
WATER METERS
LXSC-G2

Multi Jet Dry Type

(Velocity)

LXSC-G2 is a turbine super dry water meter for residential application in sizes 15mm, 20mm and 25mm for cold and hot potable water and meets the international standard ISO4064 Class B or Class C.

Features

* All the materials in contact with water are meeting potable water standard.
* Body material is brass or plastic (reinforced polymerization), corrosion resistance.
* Magnetic drive, lower transmission resistance.
* Magnetic shield, for external magnetic field protection.
* Copper can register, IP68 protection from the environment, ensures clear reading, frost resistance and freezing resistance.
* Inlet strainer.
* Non return valve to avoid the reserve flow rate (optional);
* Pre-equipped pulse output.
* Complete solid lockable plastic shell for long lifetime to stop tampering.
* Water temperature: ≤50°C for cold water meter; ≤90°C for hot water meter.
* Water pressure: ≤1MPa or 1.6MPa optional (10bar or 16bar optional).

NINGBO JIANGBEI WATER METER FACTORY

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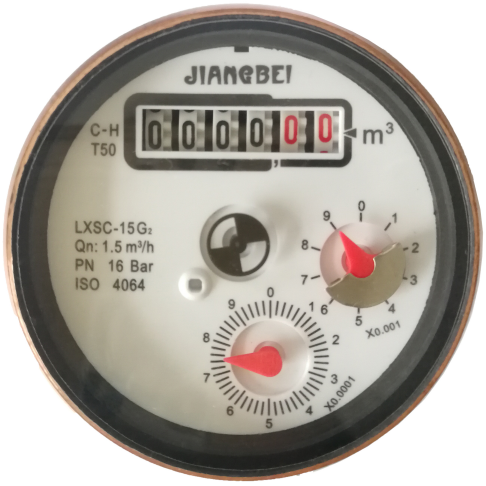
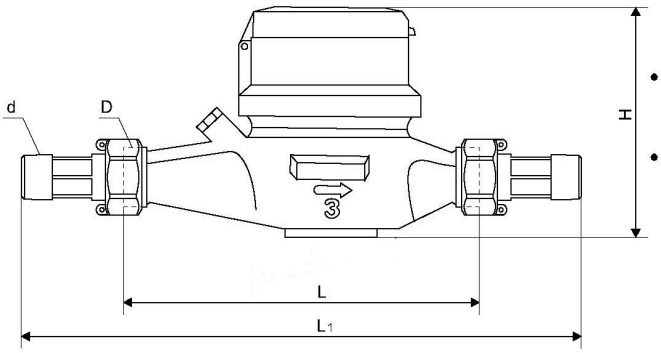
Dial Plate Design:



Dimension Picture



- Maximum flow rate and arrow are indicated on the both sides of the meter body.
- The lid can open 180°.

Meter size Dia	Length	Width	Height	Connecting Thread
DN	L	W	H	D
mm	mm			
15	165	80	106	G 3/4B
20	190	80	106	G 1B
25	190	88	110	G 1 1/4B

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Main Technical Data According to ISO4064 :1993 (Old Standard)

Size	Inch	Class	Qmax	Qn	Qt	Qmin	Min reading	Max reading
			Maximum flow	Nominal flow	Transitional flow	Min flow		
DN(mm)			m³/h		L/h		m³	
15	1/2"	B	3	1.5	120	30	0.00005	99999
		C			22.5	15		
20	3/4"	B	5	2.5	200	50	0.00005	99999
		C			37.5	25		
25	1"	B	7	3.5	280	70	0.00005	99999
		C			52.5	35		

Main Technical Data According to ISO4064:2014 （New Standard）

Size	Inch	R	Q4	Q3	Q2	Q1	Min reading	Max reading
			Overload flow	Nominal flow	Transitional flow	Min flow		
DN(mm)			m³/h		L/h		m³	
15	1/2"	80	3.125	2.5	50	31.25	0.00005	99999
		100			40	25		
		125			32	20		
		160			25	15.625		
20	3/4"	80	5	4	80	50	0.00005	99999
		100			64	40		
		125			51.2	32		
		160			40	25		
25	1"	80	7.875	6.3	126	78.75	0.00005	99999
		100			100.8	63		
		125			80.64	50.4		
		160			63	39.375		

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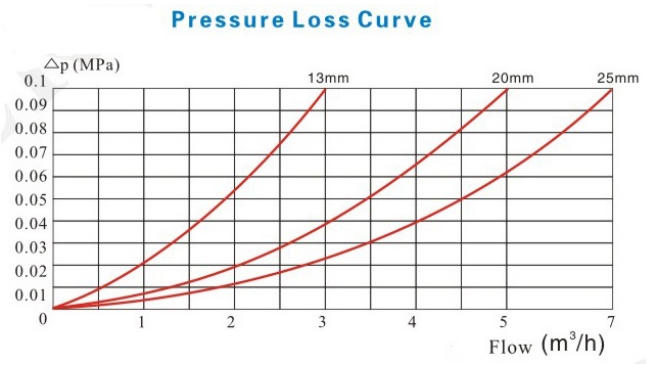
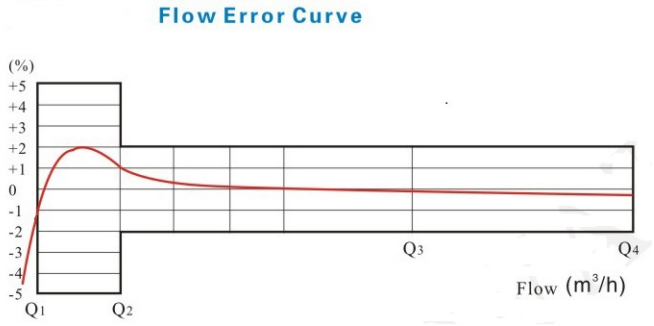
Maximum Permissible Error:

In the lower zone from Qmin(Q1) inclusive up to but excluding Qt (Q2) is ±5%.

In the upper zone from Qt(Q2) inclusive up to and including Qmax(Q4) is ±2%（cold water meter）.

In the upper zone from Qt(Q2) inclusive up to and including Qmax(Q4) is ±3%（hot water meter）.





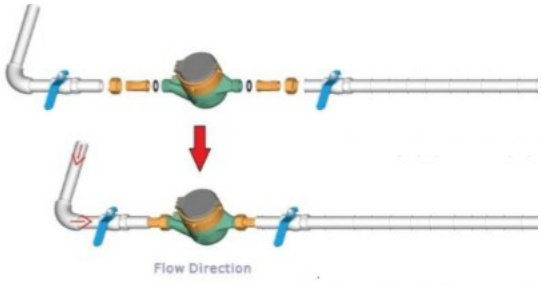
Installation requirements:

* The meter should be installed in horizontal position with the direction of the flow as indicated 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.

* We suggest the installation of the water meter as:



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