



Horizontal Helix Detachable Magnet-drive Water Meter Type LXLG-50-200 For Cold Water

**Special Features :**

- Digital-Wheel counter mechanism for direct reading.
- Large range for measuring, good accuracy in flowrate.
- High continuous flow capacity, lower head loss.
- Steady curve characteristics.
- Performance of type LXLG water meter is up to standard ISO4064 B.

Meter Design :

- Solid and robust design, long service guaranteed.
- Selected high quality materials guarantee absolute corrosion resistance.
- Universal interchangeable measuring insert.
- Outer calibration device.

Working Condition :

Water temperature:

For Cold Water: $\leq 30^{\circ}\text{C}$ Water Pressure: $\leq 1\text{MPa}$ **Metrological data :**

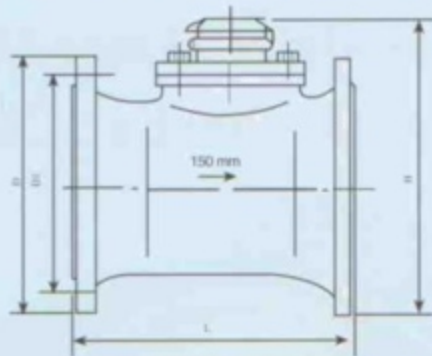
Meter Size DN mm	Measuring Class	Nominal Flowrate Qn m ³ /h	Minimum Flowrate Qmin	Transitional Flowrate Qt	Min. reading	Max reading		
			m ³ /h					
50	A	15	1.2	4.5	0.01	999999.99		
	B		0.45	3				
80	A	40	3.2	12				
	B		1.2	8				
100	A	60	4.8	18			0.1	9999999.9
	B		1.8	12				
150	A	150	12	45				
	B		4.5	30				
200	A	250	20	75				
	B		7.5	50				



Easy for measuring-insert interchange and maintenance

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Dimensions and weights :

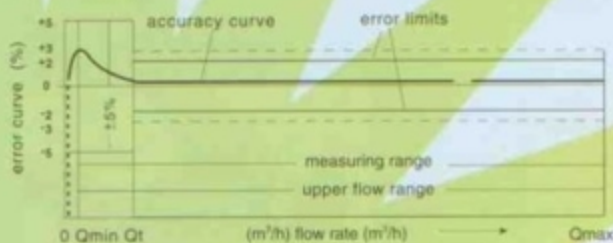


DN mm	Length (L) mm	Height (H) mm	connecting flange			Weight kg
			outer dia. D	bolt circle dia. D1	Conneting bolt x pcs	
50	200	255	165	125	M16 x 4	12.8
80	225	269	200	160	M16 x 8	15.4
100	250	279	220	180	M16 x 8	17.6
150	300	309	285	240	M20 x 8	28
200	350	375	340	295	M20 x 8	38.5

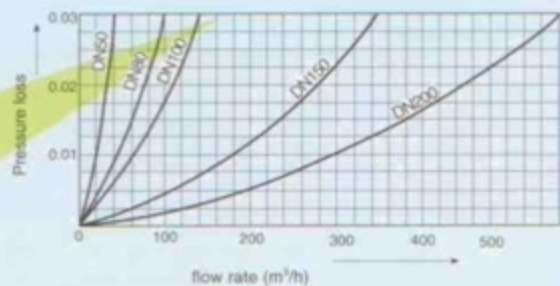
Feature curve diagram :

Reading error : The Max. reading error between Q_{max} (max. flowrate) and Q_t (Transitional flowrate) for cold water meter is $\pm 2\%$.
The Max. reading error between Q_e (Transitional flowrate) and Q_{min} (minimum flowrate) not including Q_t , is $\pm 5\%$.

Flow error curve :



Pressure loss curve:



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