WATER METER

REMOVABLE ELEMENT WOLTMAN WATER METER

MODLE LXLG - 50 ~ 200

Ozzago

Application :

The series of large size water meter, Japanese design and imported product, is mainly used to measure the total quantity of cold or hot potable water passing through pipelines in waterworks, mining & industrial enterprises.

Features :

- Horizontal Helix Woltman Type.
- Removable element for facilitating installation and maintenance.
- Long term clear reading, dry type register.
- Inter-exchangable parts.
- Magnetic transmission with anti-magnetic protection system.
- Low driving resistance.
- Reliable sensitive action, small pressure loss.
- Measuring accuracy is up to ISO 4064 standard.
- Optional Signal-output available. The signal-output type could be pulse for user's choice.
- Plastic filter is provided at the meter inlet and easily cleanable.
- Water temperature : ≤ 90°C for warm water ; and ≤ 130°C for hot water.
- Water pressure : ≤1 MPa or ≤1.6 MPa **(option)**

Metrological data : FOR HOT WATER METER 90°

Dia.	Flowrate - ISO 4064:1993 - Class B (m^3/h)				Flowrate - ISO 4064:2005 (m^3/h)					Min Reading	Max Reading
	Qmax	Qp	Qt	Qmin	Q_3/Q_1	Q_1	Q_2	Q_3	Q_4		
50	30	15	3	0.45	80	0.313	0.50	25	31.25	0.002	999999.99
65	50	25	5	0.75	80	0.50	0.80	40	50		
80	80	40	8	1.20	80	0.788	1.26	63	78.75		
100	120	60	12	1.80	80	1.25	2	100	125		
125	200	100	20	3.00	80	2	3.20	160	200		
150	300	150	30	4.50	80	3.125	5	250	312.5		
200	500	250	50	7.50	40	10	16	400	500	0.02	999999.99
300	1200	600	120	18	40	25	40	1000	1250	0.01	999999.99

Metrological data : FOR HOT WATER METER 130°

Dia.	Flowrate - ISO 4064:1993 - Class B (m^3/h)				Flowrate - ISO 4064:2005 (m^3/h)					Min Reading	Max Reading
	Qmax	Qp	Qt	Qmin	Q_3/Q_1	Q_1	Q_2	Q_3	Q_4		
50	30	15	3	0.45	50	0.313	0.50	25	31.25	0.002	999999.99
65	50	25	5	0.75	50	0.50	0.80	40	50		
80	80	40	8	1.20	50	0.788	1.26	63	78.75		
100	120	60	12	1.80	50	1.25	2	100	125		
125	200	100	20	3.00	50	2	3.20	160	200		
150	300	150	30	4.50	50	3.125	5	250	312.5		
200	500	250	50	7.50	40	10	16	400	500	0.02	999999.99

NIDEX

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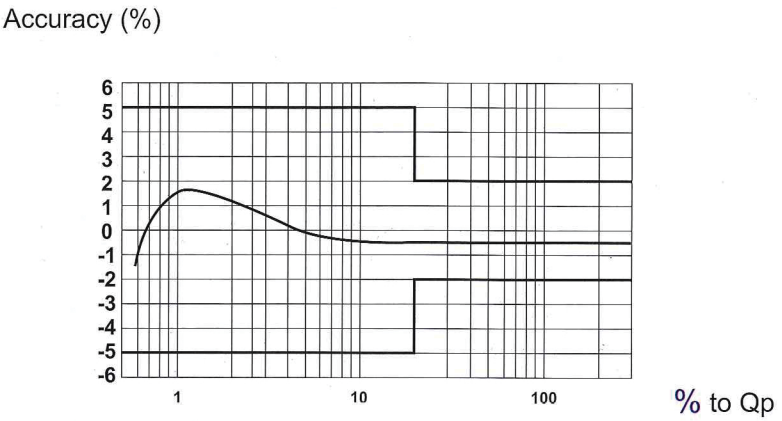
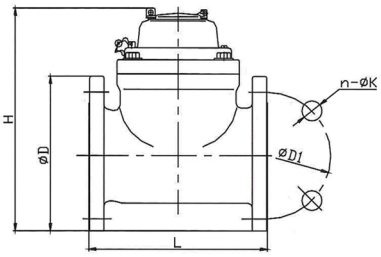
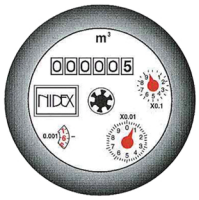
Flow error curve :



Dimensions and Weights :





Dia. mm	Length L mm	Length <H mm	Weight kg	Connecting flange		
				Flange Outer Dia. D(mm)	Bolt Circle Dia. D1(mm)	No. and Dia. of the flange hole(mm)
50	200	210	10.0	165	125	4--Ø19
65	200	256	11.6	185	145	4--Ø19
80	225	280	15.4	200	160	8(4)--Ø19
100	250	290	18.6	220	180	8-Ø19
125	250	310	21.6	250	210	8-Ø19
150	300	320	31.5	285	240	8-Ø23
200	350	364	46.0	340	295	8(12)-Ø23

Installation Requirements :

The water meter's installation must conform to ISO4064-2 standard.

1.Before installation, the diameter of the pipeline and the usual flow rate must be identified. Select the meter which the usual flow rate closes to the nominal flow rate.

2.For a newly-installed pipeline, flush the pipeline to clear out foreign matters, such as pebbles, silt, asphalt and etc. before installing the water meter.

3.To prevent damages from big particles in the water, a strainer should be installed before the inlet of the water meter and should be cleaned regularly.

4.The water meter must be installed coaxially with the upstream and downstream pipes to prevent excessive stress to the meter. Don't let the gaskets protrude into the pipes.

5.The meter shall be installed horizontally and vertically.

6.Valves should be installed at the upstream and downstream of the water meter for easy maintenance.

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