

## REMOVABLE ELEMENT WOLTMAN WATER METER

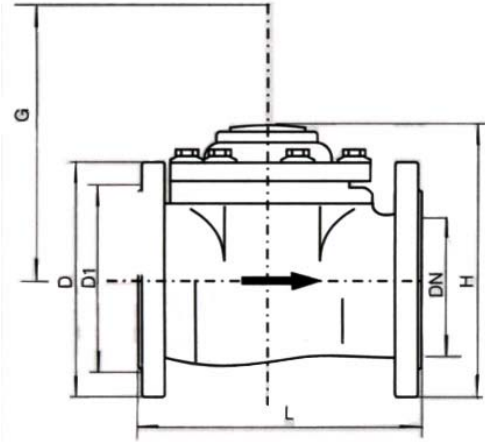
MODEL: LXLC-50B~200B LXLC-250B~500B COLD WATER METER



LXLC-50B~200B



LXLC-250B~500B



### APPLICATION:

□ Measuring the volume of cold potable water passing through the pipeline.

### FEATURES:

Removable element for facilitating installation and maintenance.

□ Hermetically sealed register, magnetic transmission (magnetic coupling)

□ Totalizer has big and clear numerals, long term clear reading, inter-exchangeable parts, low driving resistance. Reliable sensitive action, small pressure loss, long working life, nice looking etc.

□ Reed switch signal output is available.

□ Available in **cubic meter, US gallon and cubic feet** in measuring unit.

Flow Sensor: A small rotating "star" in the center of the dial plate helps to detect even the smallest flow through the meter.

### INSTALLATION REQUIREMENTS:

□ Thoroughly flush the service line upstream of the meter to remove dirt and debris before water meter installation.

□ Meter shall be full of water at flow measuring.

□ Install meter in the line with straight pipe 5xDN length at up stream and 3xDN at down stream.

### WORKING CONDITION:

□ Water temperature:  $\leq 40$  for cold water meter

$\leq 90$  for hot water meter

□ Water pressure:  $\leq 1\text{Mpa}$  or  $1.6\text{Mpa}$  optional  
( $10\text{bar}$  or  $16\text{bar}$  optional)

### MAXIMUM PERMISSIBLE ERROR:

□ In the lower zone from  $Q_{\min}$  inclusive up to but excluding  $Q_t$  is  $\pm 5\%$

□ In the upper zone from  $Q_t$  inclusive up to and including  $Q_s$  is  $\pm 2\%$

### NOTE:

□ Technical data conform to International Standard ISO4064.

## MAIN TECHNICAL DATA

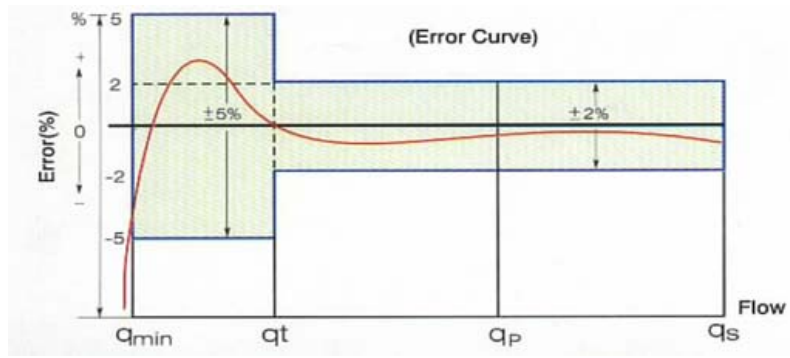
Type	Size(mm)	Class	Q <sub>s</sub>	Q <sub>p</sub>	Q <sub>t</sub>	Q <sub>min</sub>	Min.	Max.
			Max Flow	Nominal Flow	Transitional Flow	Min.Flow	Reading	Reading
			m <sup>3</sup> /h				m <sup>3</sup>	
LXLC-50B	50	A	30	15	4.5	1.2	0.01	999999
		B			3.0	0.45		
LXLC-65B	65	A	50	25	7.5	2.0	0.01	999999
		B			5	0.75		
LXLC-80B	80	A	80	40	12	3.2	0.01	999999
		B			8.0	1.2		
LXLC-100B	100	A	120	60	18	4.8	0.01	999999
		B			12	1.8		
LXLC-125B	125	A	200	100	30	8	0.01	999999
		B			20	3		
LXLC-150B	150	A	300	150	45	12	0.1	9999999
		B			30	4.5		
LXLC-200B	200	A	500	250	75	20	0.1	9999999
		B			50	7.5		
LXLC-250B	250	A	800	400	120	32	1	99999999
		B			80	12		
LXLC-300B	300	A	1200	600	180	48	1	99999999
		B			120	18		
LXLC-400B	400	A	2000	1000	300	80	1	99999999
		B			200	30		
LXLC-500B	500	A	3000	1500	450	120	1	99999999
		B			300	45		

## DIMENSIONS AND WEIGHT

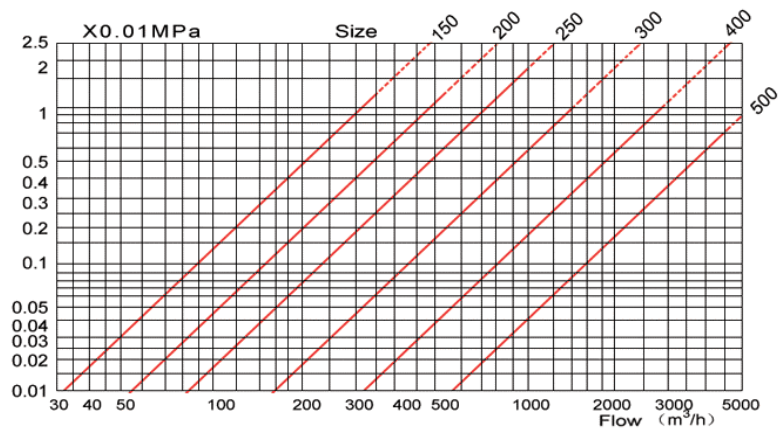
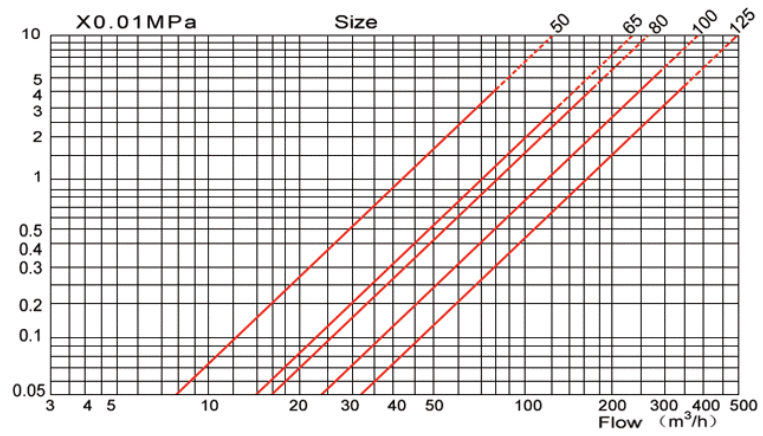
Type	Size	Length	Height	G	Connecting flange			Weight kg
	mm				D Outer dia.	D1 Bolt circle dia.	Connecting Bolt pcs	
LXLC-50B	50	200	255.8	400	165	125	4-M16	12
LXLC-65B	65	200	242	360	185	145	4-M16	13
LXLC-80B	80	225	275.8	400	200	160	8-M16	16
LXLC-100B	100	250	285.8	400	220	180	8-M16	19
LXLC-125B	125	250	275	360	250	210	8-M16	20
LXLC-150B	150	300	345.3	500	285	240	8-M20	42
LXLC-200B	200	350	372.5	500	340	295	8-M20	64
LXLC-250B	250	450	492.8	730	395	350	12-M20	94
LXLC-300B	300	500	515.8	730	445	400	12-M20	114
LXLC-400B	400	600	630.8	830	565	515	16-M24	199
LXLC-500B	500	800	738.5	931	620	620	20-M24	340

**NOTE:** The flange dimension conform to National Standard GB4216.4-84. Please note special dimensions when order.

## FLOW ERROR CURVE



## PRESSURE LOSS CURVE



## MODEL: LXLC/R-50B~200B HOT WATER METER



## REMOVABLE ELEMENT WOLTMAN PULSE TRANSMITTING WATER METER



**MODEL: LXLCY-50B~200B PULSE TRANSMITTING COLD WATER METER**



**MODEL: LXLCY-50B~200B PULSE TRANSMITTING HOT WATER METER**

### APPLICATION AND FEATURES

- Data refer to LXLC-50B-500B cold water meter.
- Water meter equipped with a Reed Switch Pulser which can be connected to remote reading systems. The Reed Switch Pulser sends out electric signals per a preset water quantity.
- Comes in several model variation, which indicate different pulse rates. To choose the variation best suited to your needs as per below diagram.

### REED-SWITCH ELECTRIC DATA

Switch voltage: 24VAC/ DC

Switch current: 0.01A max

### OUTPUT DATA

Size	Pulse Output		
	10L/Pulse	100L/Pulse	1000L/Pulse
50mm	√	√	√
65mm	√	√	√
80mm	√	√	√
100mm	√	√	√
150mm	√	√	√
200mm	√	√	√
250mm	√	√	√
300mm	√	√	√
400mm	√	√	√
500mm	√	√	√