



# **LXLC-50A-500A** WOLTMAN WATER METER

#### **APPLICATION**

Measuring the volume of cold potable water passing through the pipeline

#### **FEATURES**

Removable element structure, easy installation and maintenance, long term clear reading, magnetic drive, inter–exchangeable spare parts, low pressure loss, and long working life etc.

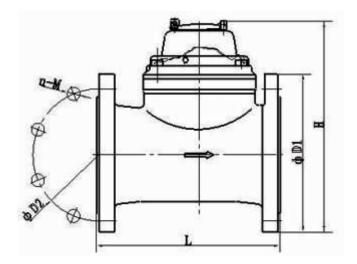
Option: Available with pulse output function .

#### MAIN TECHNICAL DATA (ISO 4064-1: 2005)

DN Size	mm inch	50 2″	65 2″ 1/2	80 3″	100 4″	125 5″	150 6″	200 8″	250 10″	300 12″	400 16″	500 20″	
Q4(m³/h)		31.25	78.75	78.75	125	200	312.5	500	787.5	1250	2000	3125	
Qa	25	63	63	100	160	250	400	630	1000	1600	2500		
R80	Q2(l/h)	500	1260	1260	2000	3200	5000	8000	12600	20000	32000	50000	
	Q1(l/h)	312.5	787.5	787.5	1250	2000	3125	5000	7875	12500	20000	31250	
Min.Reading (m3)		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.02	1	1	
Max.Rea	Max.Reading (m3)		999,999							99,999,999			
Max.Pressure(MAP)		16	16	16	16	16	16	16	16	16	16	16	
Pressure	63	63	63	63	63	63	63	63	63	63	63		
Max. Temperature		T50 for Cold Water T90 for Hot Water											
Pulse O	Vmax=24V Imax=100mA Pmax=2W												

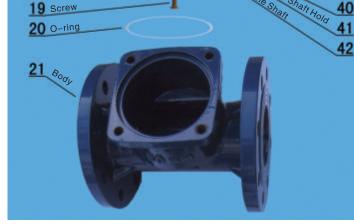
#### DIMENSIONS AND WEIGHTS

Size DN	mm in	50	65	80	100	125	150	200	250	300	400	500
Length(L)		200	200	225	250	250	300	350	450	500	600	800
Height(H)		261	271	279	289	299	319	346	434	459	630	738
lecting F	φ D1 Outside diameter	165	185	200	220	250	285	340	405	460	565	620
	φ D2 Bolt circle diameter	125	145	160	180	210	240	295	355	410	515	570
	Connecting Bolts (n-M)	4-M16		8–M16			8-M20	8–M20 12–M20			16-M24	20-M24

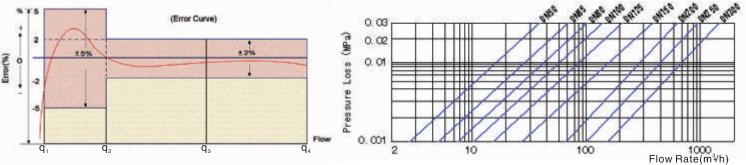


### LXLC –50A ~ 500A REMOVABLE ELEMENT WOLTMAN WATER METER Exploded View

#### Screw M4×20 Gasket 1 Screw For Sealing 22 23 2 Cover With Lid 24 Sealed Register 3 Retainer Fixing pin 25 Position Pin 4 5 Lead Seal Bolt 26 Screw Support 6 Adjusting Nut 27 Bolt M12×35 28 7 Gasket Gasket 8 Flange Cover 29 9 O-ring 30 Upper Bearing Plate 10 Bush 31 Upper Bearing 32 11 Gasket Magnet Component 12 Adjusting Lever 33 Transmission Shaft 13 Connecting 34 14 Adjusting Plate Sheath 15 Support 35 **Bevel Gear** 16 Bolt 36 Lower Bearing 17 Turbine Component 37 Gasket 38 Screw 0 Nu Turbine Shaft Hold Irbine Shart 39



Pressure Loss Curve



Ningbo Aimei Meter Manufacture Co., Ltd. West Road No.68 Shangtian Town, Fenghua, Zhejiang, China–315511 Tel. 0086–574–88637838 Fax. 0086–574–88637968 E-mail: aimei@chinaaimei.com www.chinaaimei.com

## **AMI Water Meter Option**

- Water Meter with AMR device, and then remoter reading every day
- Data is collected and submitted to GPRS concentrator
- GPRS concentrator send data to Management Center
- Battery supply for GPRS concentrator

