

Model: LXLC-50E2-500E2

Woltman Water Meter

Feature:

- Woltman type, Dry-dial
- Material body: Gray cast iron / Ductile cast iron
- Size: DN50 to DN500mm, (2" – 20")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class B standard



Main Technical Data:

According to ISO4064 (GB/T778.1-1996) Standard

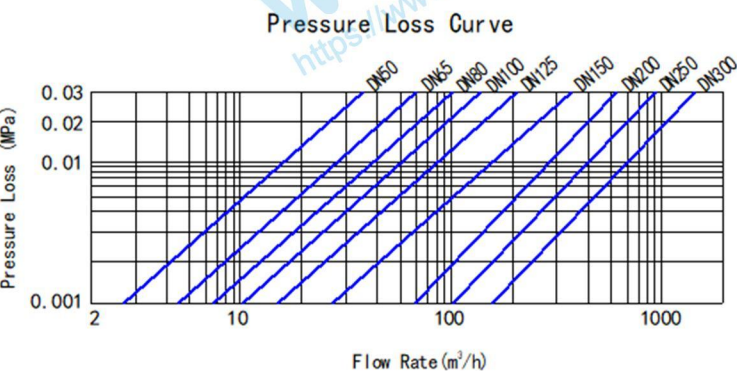
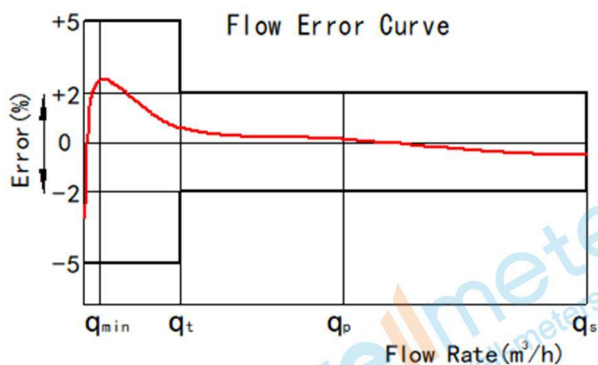
Size		Class	Qs	Qp	Qt	Qmin	Min reading	Max reading
DN(mm)	Inch		Overload flow	Nominal flow	Transitional flow	Min flow		
		m ³ /h					m ³	
50	2"	B	30	15	3	0.45	0.01	999999
65	2.5"	B	50	25	5	0.75	0.01	999999
80	3"	B	80	40	8	1.2	0.01	999999
100	4"	B	120	60	12	1.8	0.01	999999
125	5"	B	200	100	20	3	0.01	999999
150	6"	B	300	150	30	4.5	0.01	999999
200	8"	B	500	250	50	7.5	0.01	999999
250	10"	B	800	400	80	12	0.01	9999999
300	12"	B	1200	600	120	18	0.01	9999999
400	16"	B	2000	1000	200	30	0.01	9999999
500	20"	B	3000	1500	300	45	0.01	9999999

INDICATING ERROR

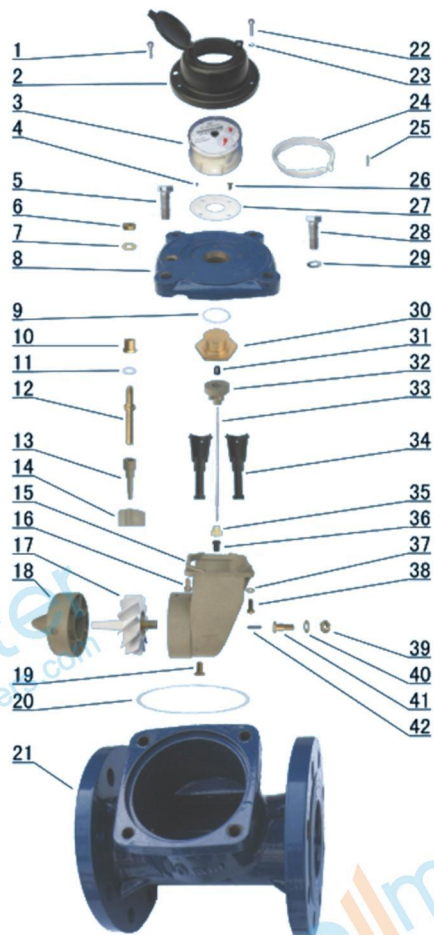
At low zone is $\pm 5\%$ from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is $\pm 2\%$ from transitional flow rate (qt) to overload flow rate (qs)

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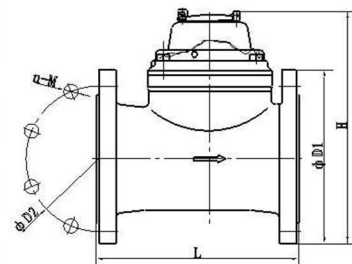


Code	Description	Material	QTY
1	Screw For Sealing	Stainless Steel	2
2	Cover With Lid	Assembly	1
3	Sealed Register	Assembly	1
4	Position Pin	Stainless Steel	1
5	Lead Seal Bolt	Stainless Steel	2
6	Adjusting Nut	Brass	1
7	Gasket	Brass	1
8	Flange Cover	GGG40 ductile Iron	1
9	O-ring	Silicon Rubber	1
10	Bush	Brass	1
11	Gasket	Synthetic Rubber	1
12	Adjusting Lever	Brass	1
13	Connecting Lever	MPPPO	1
14	Adjusting Plate	MPPPO	1
15	Support	MPPPO	1
16	Bolt	Brass	1
17	Turbine Component	Assembly	1
18	Rectifier	MPPPO	1
19	Screw	Brass	1
20	O-ring	Synthetic Rubber	1
21	Body	GGG40 ductile Iron	1
22	Screw M4×20	Stainless Steel	2
23	Gasket	Stainless Steel	3
24	Retainer	ABS	1
25	Fixing pin	Brass	1
26	Screw	Brass	4
27	Support	ABS	1
28	Bolt M12×35	Stainless Steel	2
29	Gasket	Stainless Steel	4
30	Upper Bearing Plate	Brass	1
31	Upper Bearing	Nylon With Graphite	1
32	Magnet Component	Component	1
33	Transmission Shaft	Stainless Steel	1
34	Sheath	MPPPO	2
35	Bevel Gear	Nylon	1
36	Lower Bearing	Nylon With Graphite	1
37	Gasket	Brass	4
38	Screw	Brass	3
39	Nut	Brass	1
40	Gasket	Brass	1
41	Turbine Shaft Hold	Brass	1
42	Turbine Shaft	Tungsten Steel	1



Dimensions and Weight:

Meter size Dia DN	L Length	B Width	H Height	Connecting Thread			Weight KG
				D	Bolt Circle Dia D1	Conncting Bolt	
(mm)		mm					
50	200	175	257	165	125	4×M16	12
65	200	185	267	185	145	4×M16	13
80	225	200	277	200	160	8×M16	15
100	250	220	287	220	180	8×M16	19
125	250	245	297	245	210	8×M16	22
150	250	285	375	285	240	8×M20	47
200	350	345	400	340	295	8×M20	48
250	450	395	484	395	350	8×M20	110
300	450	445	506	445	400	12×M20	115
400	500	565	621	565	515	16×M24	180
500	500	670	725	670	620	20×M24	330



WORKING CONDITION:

Water temperature: ≤50°C for cold water meter

Water temperature: ≤90°C for hot water meter

Working pressure: ≤1.6Mpa

wellmeter

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