

INSTRUCTION SHEET

**HORIZONTAL REMOVABLE WOLTMAN HOT WATER METER**

model: LXLGR-50 ~ 300



**Product Information**

**feature:**

1. Vacuum sealed register ensures the dial kept free from fog and keep the reading clear in a long term service
2. Selected high quality materials Steady & reliable characteristic
3. Measuring accuracy conform to ISO 4064 class B Standard
4. Register for universal use within this range detachable without removing the meter from the pipeline for a easy maintenance and replacement

**description:**

This range of water meter is used to measure the total quantity of hot water which consumed in industrial enterprise, passing through the pipeline.

**working condition:**

Water temperature: ≤90  
 Working pressure: 1, ≤1MPa  
 2, ≤1.6MPa

**Main technical data:**

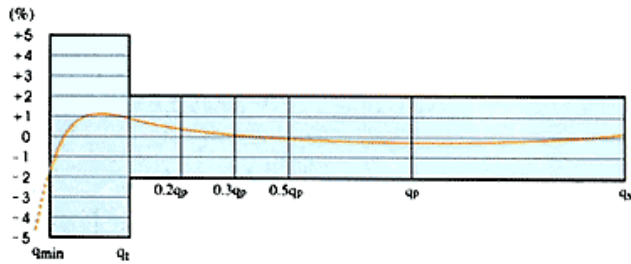
Meter Size (mm)	Class class	overload Flow	Nominal Flow	Transitional Flow	Min Flow	Min Reading lectura	Max. Reading lectura
						m <sup>3</sup> /h	
50	A	30	15	4.5	1.2	0.01	999999
	B			3	0.45		
65	A	50	25	7.5	2	0.01	999999
	B			5	0.75		
80	A	80	40	12	3.2	0.01	999999
	B			8	1.2		
100	A	120	60	18	4.8	0.01	999999

	B			12	1.8		
125	A	200	100	30	8	0.01	9999999
	B			20	3		
150	A	300	150	45	12	0.1	9999999
	B			30	4.5		
200	A	500	250	75	20	0.1	9999999
	B			50	7.5		
250	A	800	400	120	32	0.1	9999999
	B			80	12		
300	A	1200	600	180	48	1	9999999
	B			120	18		

**Dimensions and weight:**

Meter Size	Length	Width	Height	Connecting thread			Weight KG
	mm			D	Bolt Circle dia	Connecting Bolt dia	
50	200	175	250	165	125	4_M16	12
65	200	185	255	185	145	4-M16	13
80	225	200	265	200	160	8-M16	15
100	250	220	275	220	180	8-M16	19
125	250	245	285	245	210	8-M16	22
150	300	285	310	285	240	8-M20	28
200	350	245	370	340	295	8-M20	42
250	400	395	420	395	350	12-M20	80
300	450	490	660	445	400	12-M20	115

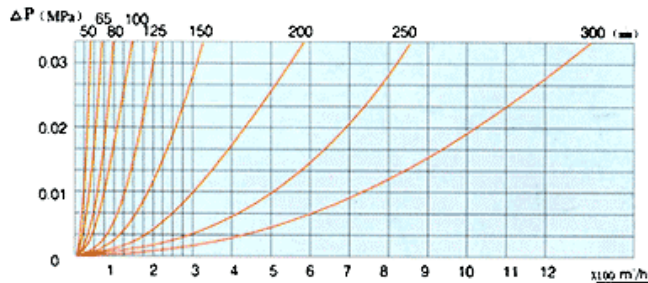
流量误差曲线: Flow Error Curve



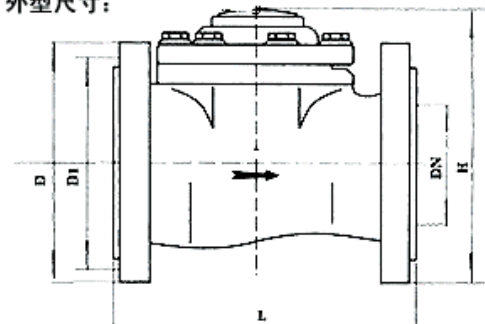
示值误差值: Permissible Error of the indication

The Low area from including into excluding transitional flow:  $\pm 5\%$   
The High area from transitional flow to max flow:  $\pm 2\%$

压力损失曲线: Pressure Loss Curve



外型尺寸:



# THE WELL-KNOWN WATER METER

## INSTRUCTION SHEET

### **Mounting and Maintenance**

- 1). Choose correct water meter according to the flow rate and pressure of the mounting place
- 2). To avoid Solarizing, Frozen, pollution and submerging ,in-door installation will be prefer
- 3). Horizontal mounting , letter upwards , water flow direction should conformance with the arrow indication on the body; keep 15xD straight pipeline in front(back) of the meter .(D=Nominal size of the met er )
- 4). Keep clean for the pipeline before mounting to avoid measuring error
- 5). Water exit side should be always higher than the water meter mounting place
- 6). If necessary, sealed the nut with meter body after mounting to avoid meter downwards..
- 7). To keep the précising and accuracy , pls inform the maintenance worker of the WASA to re-adjust the water meter and remove or clean the pipeline one time for two or three years based on the water quality, or the impurities, rust in the pipeline can permeate the filter and effect the meter 's operation and increase error rate .
- 8).All meter are sealed after proofreading then shipped out , we will not give quality guarantee for those meter which sealing wire is broken
- 9). Due to the water pressure in the pipeline are not stable or other reasons, the pointer-roller will be in very slightly revolving , though water stopped using .

### **Spare parts:**

each meter with 2pcs flanges ,8 sets connect bolts, 2pcs rubber seal washer

### **Quality Guarantee:**

- 12 Months from the date of Delivery , For any charges that caused by quality problems which appeared under normal operation and with complete sealing wire during this period will belong to us.
- If by self-repairing, we can provide relevant spare parts ,pls contact with our Sales Dep. for detail operations