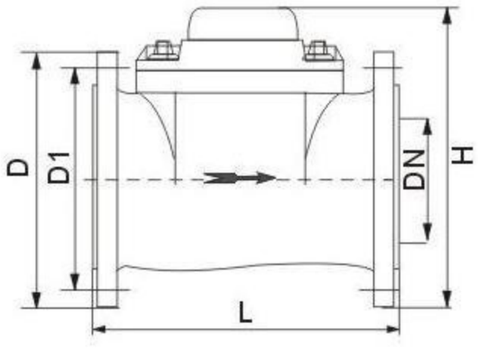
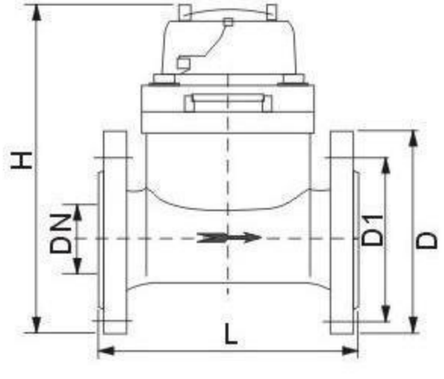
AUT

Removable Horizontal Dry Type Woltman Meter

LXLC(R) - 100E1

LXLC(R) - 50E3





Technical Data

Nominal size DN(mm)	Class of measurement	Overload flow-rate q_s(m^3/h)	Permanent flow-rate q_p(m^3/h)	Transitional flow-rate q_t(l/h)	Minimum flow-rate q_{min}(l/h)	Minimum reading M_{in}(m^3)	Maximum reading M_{ax}(m^3)
50	B	30	15	3.0	0.45	0.01	999999
65	B	50	25	5	0.75	0.01	999999
80	B	80	40	8	1.2	0.01	999999
100	B	120	60	12	1.8	0.1	999999
125	B	200	100	30	3	0.1	999999
150	B	300	150	30	4.5	0.1	9999999
200	B	500	250	30	50	0.1	9999999
250	B	800	400	30	80	0.1	9999999
300	B	1200	600	30	18	0.1	9999999

Overall Dimension and Weight

Type	Size (mm)	Length (mm) L	Width (mm) W	Height (mm) H	Outer diameter of flange D(mm)	The center diameter of connecting bolt D1(mm)	Connecting bolt (Pcs.)	Weight (kg)
LXLC-50	50	200	172	247	165	125	4 × M16	12
LXLC-65	65	200	185	260	185	145	8 × M16	13
LXLC-80	80	225	200	264.5	200	160	8 × M16	15
LXLC-100	100	250	225	271.5	220	180	8 × M20	19
LXLC-125	125	250	250	295	250	210	8 × M20	23
LXLC-150	150	300	285	301.5	285	240	8 × M20	30
LXLC-200	200	350	340	358.5	340	295	12 × M20	42
LXLC-250	250	400	395	413.5	395	350	12 × M20	51
LXLC-300	300	450	445	463.5	445	400	12 × M20	63

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AUT

Removable Horizontal Dry Type Woltman Meter

Description:

- Dry-dial, magnetic drive
- Vacuum sealed register, frost resistant, keeps clear reading for long time
- Removable measuring unit, easy installation and maintenance
- Measuring high flowrate with low head loss
- Remote transmission device can be added upon request Many kinds of sensors, such as Reed Switch, Hall and Weagand can be supplied upon request Pulse output may be 10l/pulse, 100l/pulse, 1000l/pulse
- The meters conform to ISO4064 Standard Class B
- The meter are available with LCD reading register

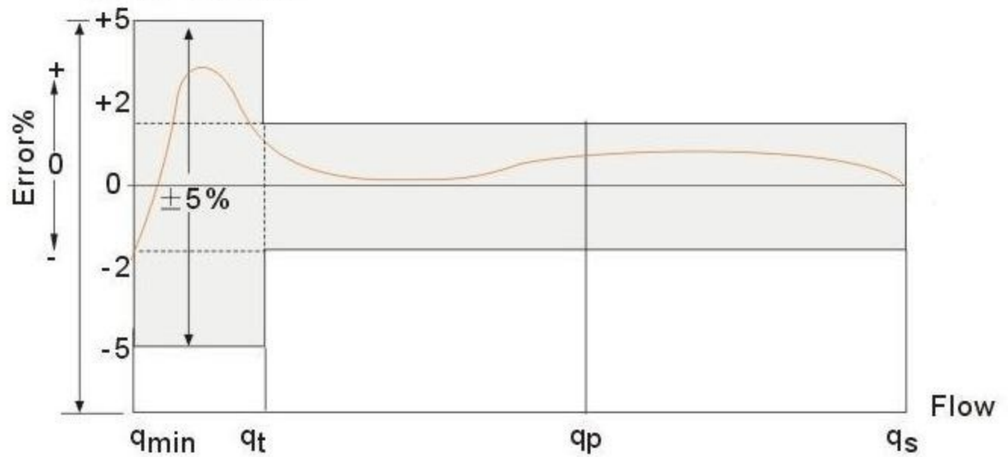
Working Condition

- Water temperature ⩽ 50°C (Hot water meter ⩽ 90°C)
- Water pressure ⩽ 1MPa (PN: 1.6MPa/16bar)
- △P ⩽ 0.03MPa

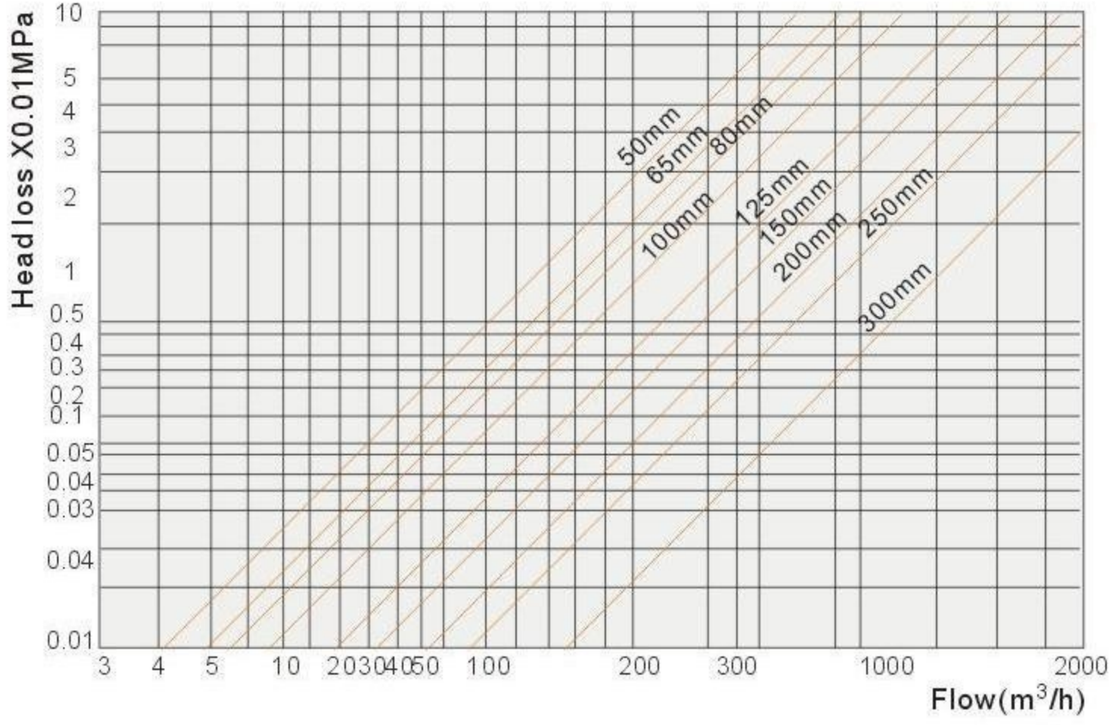
Accuracy

- From minimum flow-rate (q_{min}) inclusive, to transitional flow-rate (q_t), exclusive: ±5%
- From transitional flow-rate (q_t) inclusive, to overload flow-rate (q_s) , exclusive: ±2% (Hot water meter: ±3%)

Error Curve



Headloss Curve



EN 14154-1:2005

ISO 9001:2000