

LXP-50E₁~300E₁

Irrigation Removable Water Meter(Pollution Drainage)

Features:

- Dry-dial, Vacuum sealed register, frost resistant, magnetic drive or Liquid sealed, equipped with a suitable pressure compensating device, mechanical drive
- Keeps clear reading for long time
- Removable measuring unit, easy installation and maintenance
- Anti-friction bearing type, used for low quality water
- Very big flow capacity, very low head loss
- Long service life
- Installment vertical or horizontal no filter needed
- The meters conform to ISO4064 Standard Class A or Class B

WORKING CONDITION:

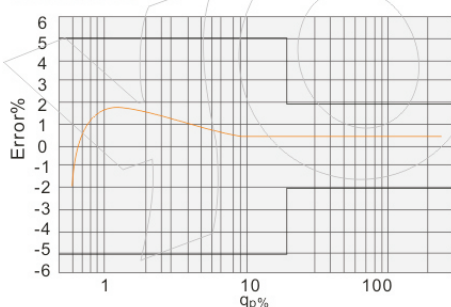
- Water temperature $\leq 50^{\circ}\text{C}$
- Water pressure $\leq 1\text{MPa}$ (PN: 1.6MPa/16bar)
- $\Delta P \leq 0.03\text{MPa}$

ACCURACY :

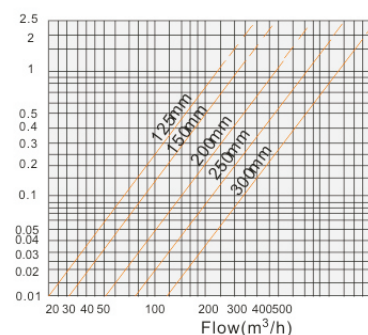
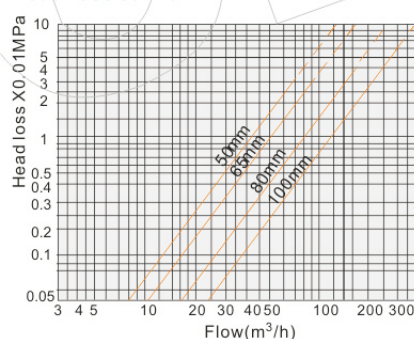
- From minimum flow-rate (q_{\min}) inclusive, to transitional flow-rate (q_t), exclusive: $\pm 5\%$
- From transitional flow-rate (q_t) inclusive, to overload flow-rate (q_s), exclusive: $\pm 2\%$



Error curve



Head loss curve



TECHNICAL DATA:

Nominal size DN(mm)	Class of measurement	Overload flow-rate $q_s(\text{m}^3/\text{h})$	Permanent flow-rate $q_p(\text{m}^3/\text{h})$	Transitional flow-rate $q_t(\text{m}^3/\text{h})$	Minimum flow-rate $q_{\min}(\text{m}^3/\text{h})$	Minimum reading $\text{Min}(\text{m}^3)$	Maximum reading $\text{Max}(\text{m}^3)$
50	A	30	15	4.5	1.2	0.005	9999999
65	/	50	25	/	6	0.005	9999999
80	/	70	35	/	7	0.005	9999999
100	/	80	40	/	3.2	0.005	9999999
125	A	120	60	/	9	0.005	9999999
150	A	200	100	30	8	0.005	9999999
200	A	270	150	/	16	0.05	9999999
250	A	300	250	45	12	0.05	9999999
300	A	400	290	/	22	0.05	9999999
350	A	500	250	75	20	0.05	9999999
400	A	800	400	120	32	0.05	9999999
500	A	1200	600	180	48	0.05	9999999

OVERALL DIMENSIONS AND WEIGHT

Type	Size (mm)	Length (mm) L	Height (mm) H	Connecting flange		
				Outer diameter of flange D(mm)	The center diameter of connecting bolt D1(mm)	Connecting bolt (Pcs.)
LXP-50E	50	200 250	252 220	165	125	4×M16 4×M18
LXP-65E	65	200 250	262 230	185	145	4×M16 4×M18
LXP-80E	80	225 200/300	280 240	200	160	8×M16 8×M18
LXP-100E	100	250 200/370	290 260	220	180	8×M16 8×M18
LXP-125E	125	250	310	250	210	8×M16
LXP-150E	150	300 450	333 415	285	240	8×M20 8×M22
LXP-200E	200	350 500	386 450	340	290	8×M20 12×M22
LXP-250E	250	450	442	395	350	12×M20
LXP-300E	300	500	494	445	400	12×M20

