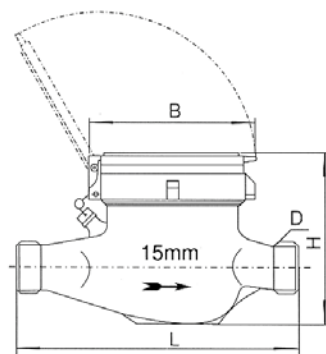


MULTI-JET DRY TYPE VANE WHEEL WATER METER

MODEL: LXSC-15E 50E COLD WATER METER



APPLICATION

- Measuring the volume of cold potable water passing through the pipeline.

FEATURES

- Dry type, magnetic drive, antimagnetic function, pointer-roller indicator, easy and long term clear reading, frost resistance, long work life etc. Available with non-return valve, inlet strainer and pulse output on request.

WORKING CONDITION

- Water temperature: $\leq 40^\circ\text{C}$ for cold water meter $\leq 90^\circ\text{C}$ for hot water meter

- Water pressure: $\leq 1\text{MPa}$ or 1.6MPa optional (10bar or 16bar optional)

MAXIMUM PERMISSIBLE ERROR

- In the lower zone from Q_{\min} inclusive up to but excluding Q_t is $\pm 5\%$
- In the upper zone from Q_t inclusive up to and including Q_s is: cold water meter $\pm 2\%$, hot water meter $\pm 3\%$.

NOTE

- Technical data conform to International Standard ISO4064

MAIN TECHNICAL DATA

Type	Size (mm)	Class	q_s	q_p	q_t	q_{\min}	Min.	Min. Reading	Max. Reading
			Max. Flow	Nominal Flow	Transitional Flow	Flow			
			m^3/h		L/h		m^3		
LXSC-15E	15	A	3	1.5	150	60	0.0001	99999	
		B			120	30			
LXSC-20E	20	A	5	2.5	250	100	0.0001	99999	
		B			200	50			
LXSC-25E	25	A	7	3.5	350	140	0.0001	99999	
		B			280	70			
LXSC-32E	32	A	12	6.0	600	240	0.0001	99999	
		B			480	120			
LXSC-40E	40	A	20	10	1000	400	0.001	99999	
		B			800	200			
LXSC-50E	50	A	30	15	1500	600	0.001	99999	
		B			1200	300			

Note:

1. Class A and class B is optional as per request, normally class B meter is supplied.
2. Meters are factory tested to be class B when installing horizontally, but class A when installing vertically.

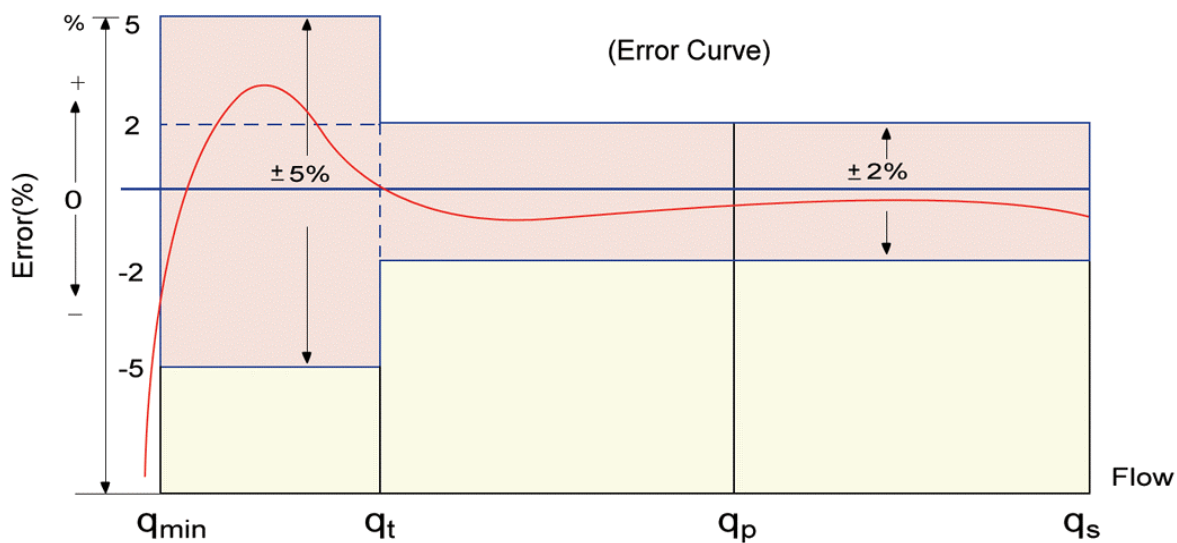
ACCESSORIES

With every meter, there will be one set couplings optional: 2pcs tube, 2pcs nut and 2pcs gasket.

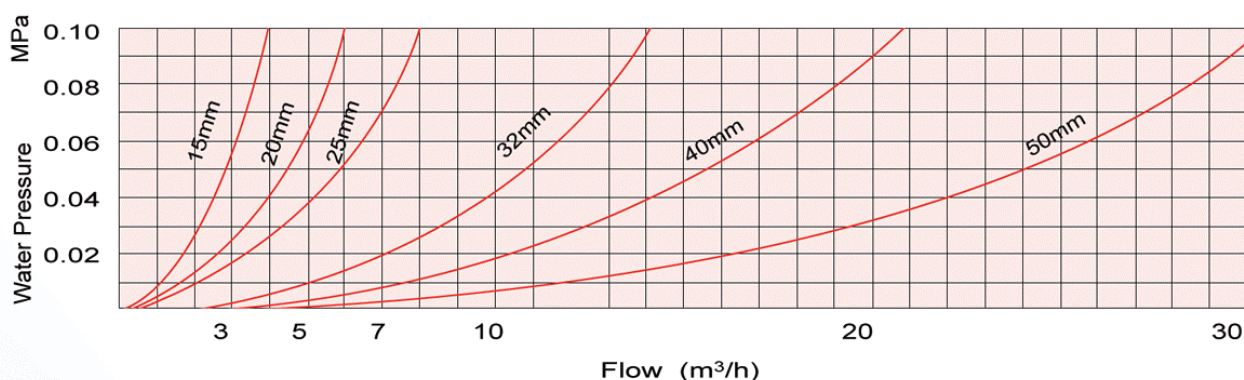
DIMENSIONS AND WEIGHT

Type	Size	Length	Width	Height	Connecting Thread D	Weight (kg)
	mm					
LXSC-15E	15	165	99	104	G 3/4B	1.5
LXSC-20E	20	190/195	99	106	G 1B	1.7
LXSC-25E	25	260/225	103	114	G1 1/4B	2.6/2.4
LXSC-32E	32	260/230	104	117	G1 1/2B	2.8/2.7
LXSC-40E	40	300/245	124	147	G 2B	5.1/4.8
LXSC-50E	50	300/280	125	172	G2 1/2B	8.5/8.2
					Flange connect GB4216.4-84 D=□165 D1=□125	11.5/11

FLOW ERROR CURVE



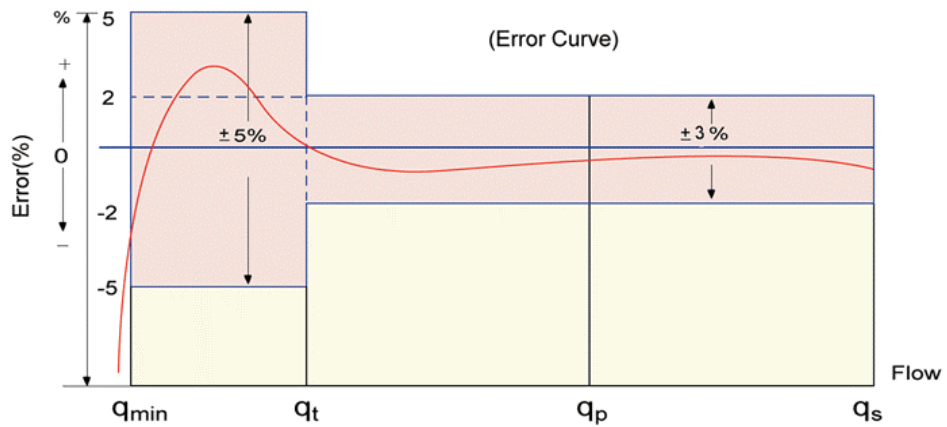
PRESSURE LOSS CURVE



MODEL: LXSC/R-15E 50E HOT WATER METER



HOT WATER METER FLOW ERROR CURVE



MODEL: LXSCY-15E~50E PULSE TRANSMITTING WATER METER (with reed – switch)

APPLICATION AND FEATURES

- Applied for remote automatic reading system.
- Meter with pulse output: Available 1L, 10L, 100L or 1000L per pulse for choice.



PULSE TRANSMITTING COLD WATER METER



PULSE TRANSMITTING HOT WATER METER

LXSCY-15E~50E

LXSCY/R-15E~50E

- Water meter equipped with a Reed Switch Pulser which can be connected to remote reading systems. The Reed Switch Pulse sends out electric signals per a preset water quantity.
- Comes in several model variation, which indicate different pulse rates. To choose the variation best suited to your needs as per optional data in below diagram.

REED-SWITCH ELECTRIC DATA

Switch voltage: 24VAC/ DC

Switch current: 0.01A max

OUTPUT DATA:

Size	Pulse output			
	1L/Pulse	10L/Pulse	100L/Pulse	1000L/Pulse
15mm	√	√	√	√
20mm	√	√	√	√
25mm	√	√	√	√
32mm	√	√	√	√
40mm	√	√	√	√
50mm	√	√	√	√

INSTALLATION AND APPLICATION

- The size of the meter is determined according to the flow rate in the installation place.
- The meter should be installed horizontally with the counter upward, the arrow direction on the meter casing must coincide with the direction of the water flow.
- The location for installation shall be protected from the affection of strong magnetic fields, or explosion to sunshine, or frozen and long time submergence in water .
- The newly-installed pipe shall be flushed so as to maintain neither sand, nor sediment in it before installation of water meter.
- For accurate measurement, the tap high should be higher than the meter.
- The meter should not be directly connected with pipe ,but with coupling, gasket and nut. When dismantle meters, don't force to twist them for fear of damaging the body.
- After a long time use, the impurities or rust in the pipe should block the strainer or enter into the interior meter, which cause inaccuracy of meter. it'd better to clean the strainer per three years, and newly calibrate the meter. But not dismantle by self.

