



LXSC-13D



LXSC-20D



LXSC-25D



LXSC-32D



LXSC-40D

SINGLE JET DRY DIAL VANE WHEEL WATER METER

MODEL: LXSC-13D~40D(COLD WATER);LXSC/R-13D~40D(HOT WATER)

APPLICATION

- ◆ Measuring the volume of cold (hot) potable water passing through the pipeline.

FEATURE

- ◆ Dry type, single jet, small and light, magnetic drive, magnet resistance.
- ◆ The dial can rotate 360 degrees for easy reading.
- ◆ Corrosion resistant brass body, available inlet strainer, low head loss etc.
- ◆ Plastic painted or nickel coated is available.
- ◆ Counter vacuum sealed, does not get frosted for keeping long term clear reading.
- ◆ Protecting cover available upon customers' request.
- ◆ Brass male BSP unions supplied to each end for easy installation,
- ◆ Technical data conform to International Standard ISO4064 class B.

STANDARD

- ◆ Cold Water Meter: ISO 4064 Class A ISO 4064 Class B
- ◆ Hot Water Meter: ISO 4064 Class B

WORKING CONDITION:

- ◆ Water temperature: $\leq 40^{\circ}\text{C}$ for cold water meter
 $\leq 90^{\circ}\text{C}$ for hot water meter
- ◆ Working pressure: $\leq 1\text{MPa}$ or 1.6MPa optional
(10bar or 16bar optional)

MAXIMUM PERMISSIBLE ERROR

$Q_{\min} \rightarrow Q_t (\text{ex } Q_t) = \pm 5\%$;

$Q_t \rightarrow Q_s (\text{both included}) = \pm 2\%$ or $\pm 3\%$ (hot water)

$Q_{\min} = \text{Min Flow}$, $Q_t = \text{Transition Flow}$, $Q_s = \text{Max Flow}$.

ACCESSORIES

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

NOTE

- ◆ Meters are factory tested to be class B when installing horizontally, but class A when installing vertically

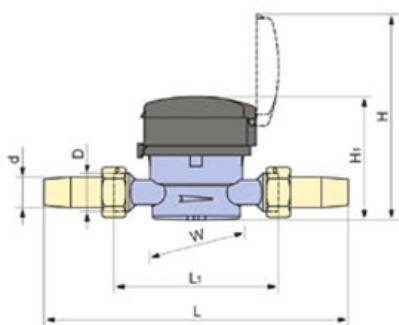
MAIN TECHNICAL DAT

Type	Size (mm)	Class	q _s	q _p	q _t	q _{min}	Min.	Max. Reading
			Max. Flow	Nominal Flow	Transitional Flow	Min. Flow	Reading	
			m ³ /h		L/h		m ³	
LXSC-13D	13	B	3	1.5	120	30	0.0001	99999
LXSC-20D	20	B	5	2.5	200	50	0.0001	99999
LXSC-25D	25	B	7	3.5	280	70	0.0001	99999
LXSC-32D	32	B	12	6	480	120	0.0001	99999
LXSC-40D	40	B	20	10	800	200	0.0001	99999

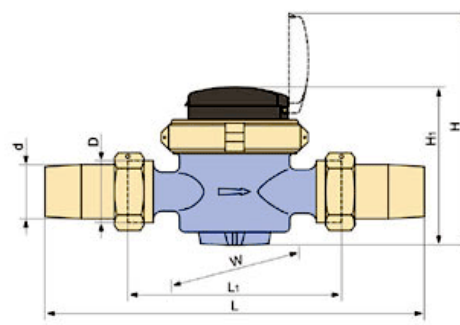
DIMENSIONS AND WEIGHT

Type	Size mm	Length(mm)		Width(mm)	Height(mm)		Thread		Weight kg
		L	L1	w	H	H1	d	D Threading	
LXSC-13D	13	174/204	80/110	80	143	88	G 3/4B	R 1/2	0.5
LXSC-20D	20	228	130	80	143	88	G 1B	R 3/4	0.75
LXSC-25D	25	280	160	80	151	96	G1 1/4B	R 1	1.2
LXSC-32D	32	284	160	110	178	123	G1 1/2B	R 1 1/4	2.56
LXSC-25D	25	331	200	110	178	123	G2B	R 1 1/2	1.47

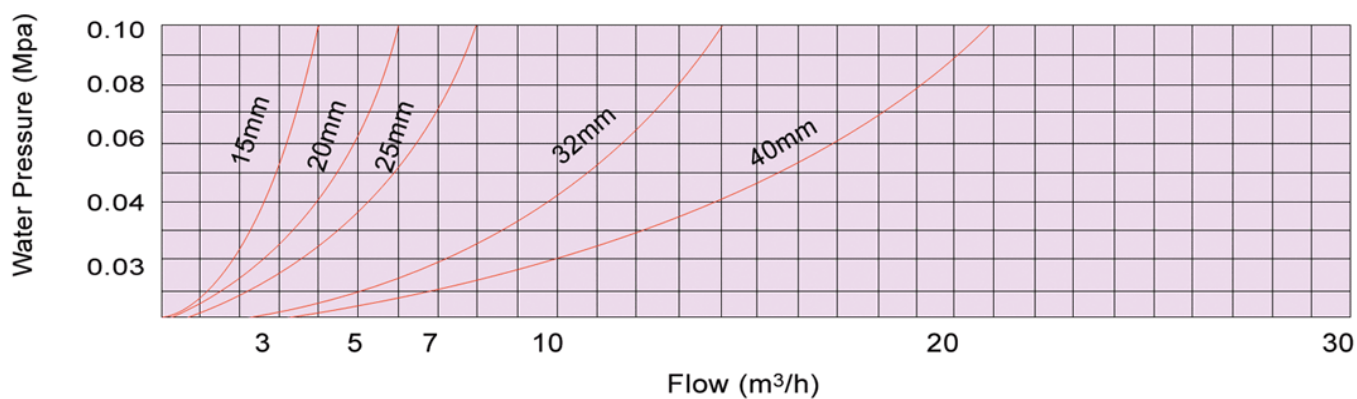
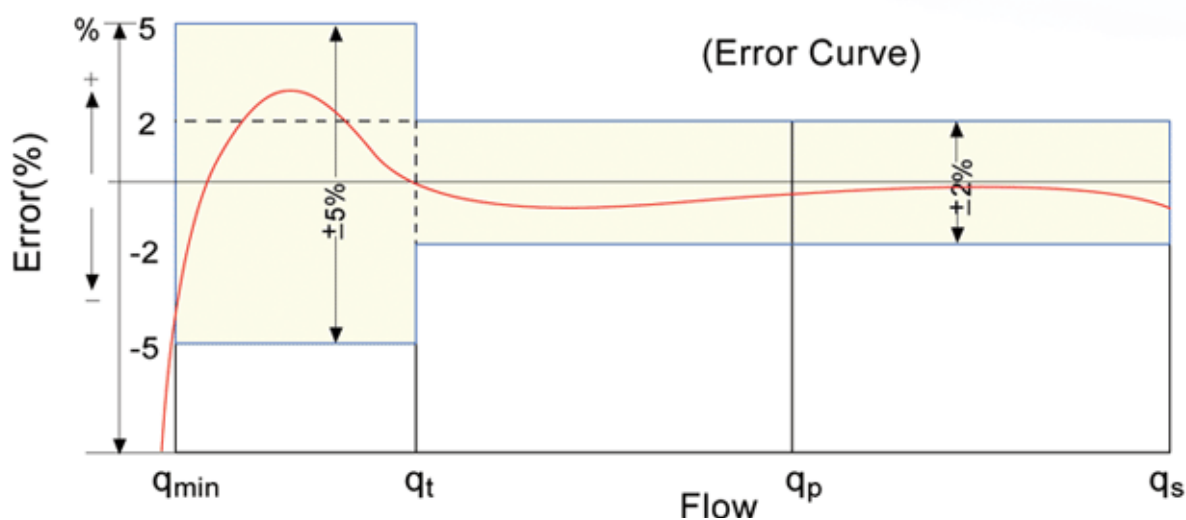
DIMENSION



LXSC-13D-25D LXSC/R-13D-25D



LXSC-32D-40D LXSC/R-32D-40D



HOT WATER METER



5 digits hot water meter(LXSC/R-13D~40D)



8 digits hot water meter(LXSC/R-13D~40D)

COLD WATER METER



5 digits cold water meter(LXSC-13D~40D)



8 digits cold water meter(LXSC-13D~40D)

MODEL: LXSCY-13D~40D(COLD WATER);LXSCY/R-13D~40D(HOT WATER)

WORKING PRINCIPLE

- ◆ Applied for remote automatic reading system.
- ◆ Meter with pulse output: Available 1L, 10L, 100L or 1000L per pulse for choice.
- ◆ Water meter equipped with a Reed Switch Pulser which can be connected to remote reading systems. The Reed Switch
- ◆ Pulser emits signal to collector,a single signal means a certain quantity of water.
- ◆ Different option of water quantity per pulse is alternative and data refers to the mentioned table format below.

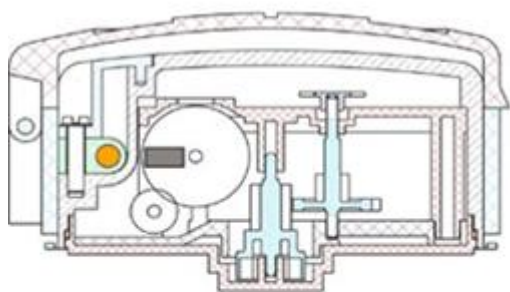
REED-SWITCH ELECTRIC DATA

Switch voltage: 24VAC/ DC

Switch current: 0.01A max

REGISTER FOR THE OUTPUT OPTION

OUTPUT DATA



-  Reed Switch Seat
-  Reed Switch
-  Magnet

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

PULSE TRANSMITTING WATER METER (with reed – switch)

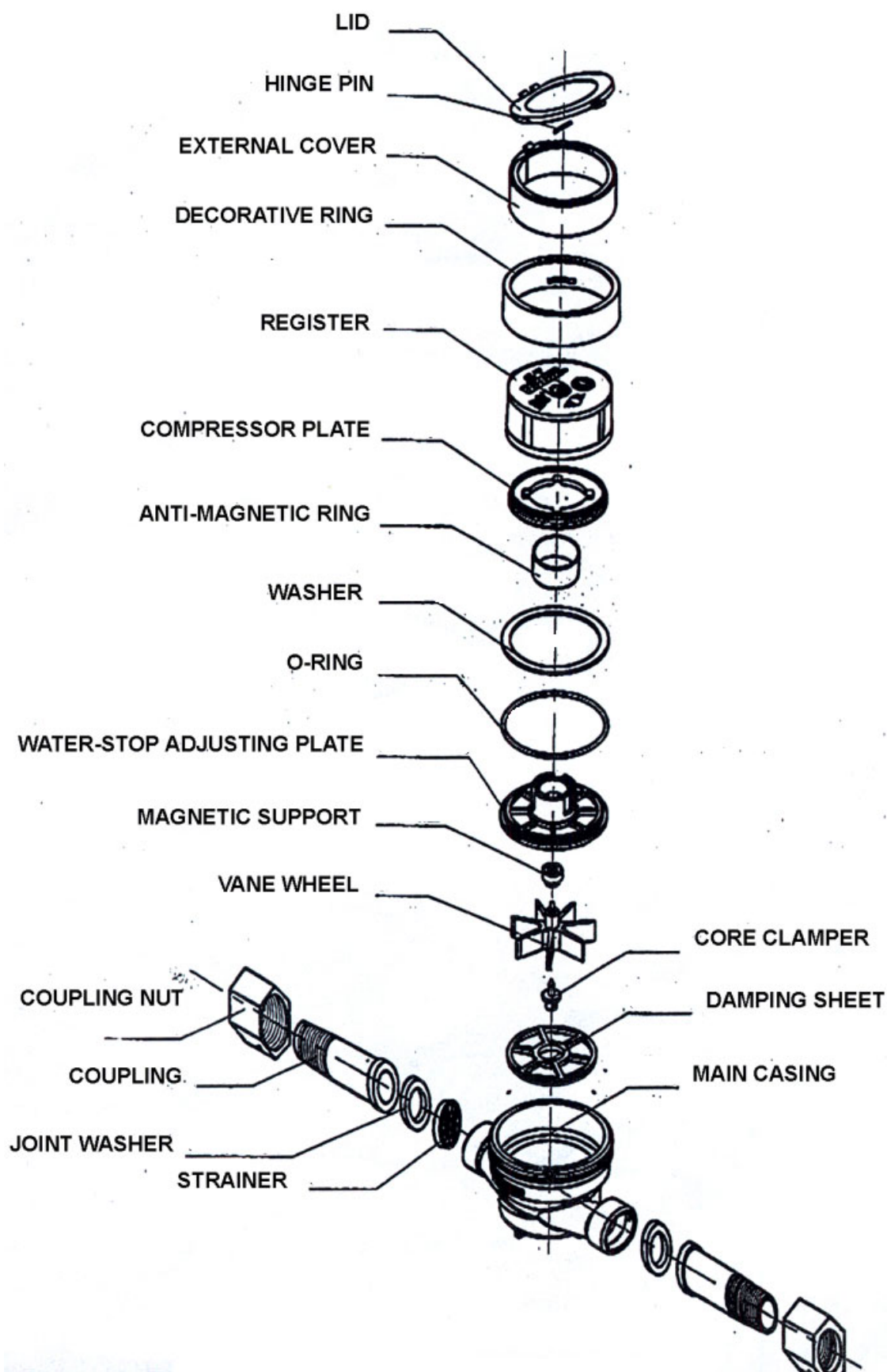


**8 digits cold water meter with pulse
(LXSCY-13D~40D)**

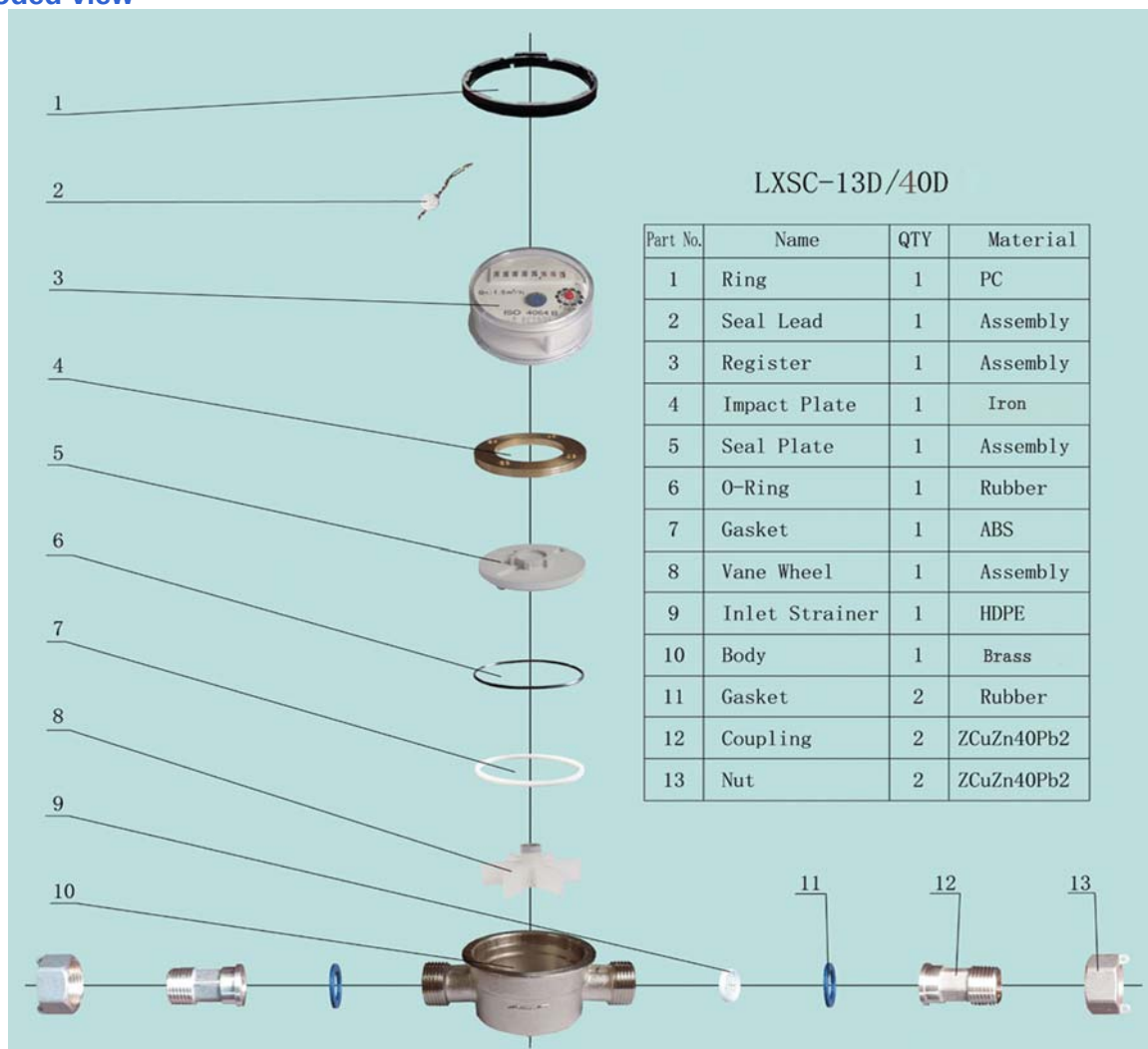


**8 digits hot water meter with pulse
(LXSCY/R-13D~40D)**

Exploded view



Exploded view



Single jet meters

