

## SINGLE JET VANE WHEEL DRY DIAL REMOTE READING WATER METER

Model: LXSC/FX-13D5~25D5



### Application:

Measuring the volume of cold potable water passing through the pipeline with remote reading device

### Features:

Dry type, small light, magnetic drive, free rotating register, easy and long term clear reading

Length of body of 80mm or 110mm is available.

Magnet resistance

### Data Output Options:

10 L/Pulse, 100 L/Pulse, or 1000 L/Pulse

### Reed Switch Electric Data

Voltage: 24V AC/DC max.

Current: 0.01A max

**Water temperature:**  $\leq 40^{\circ}\text{C}$  for cold potable water meter ( $\leq 90^{\circ}\text{C}$  for cold potable water meter)

**Working Pressure:**  $\leq 1.6\text{Mpa}$  (16 bar)

### Maximum Permissible Error

a) In the lower zone from  $Q_{min}$  inclusive up to but excluding  $Q_t$  is: Cold potable and Hot water meter  $\pm 5\%$

b) In the upper zone from  $Q_t$  inclusive up to and including  $Q_s$  is: Cold potable water meter  $\pm 2\%$  Hot water meter  $\pm 2\%$

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### NINGBO AIMEI METER MANUFACTURE CO., LTD.

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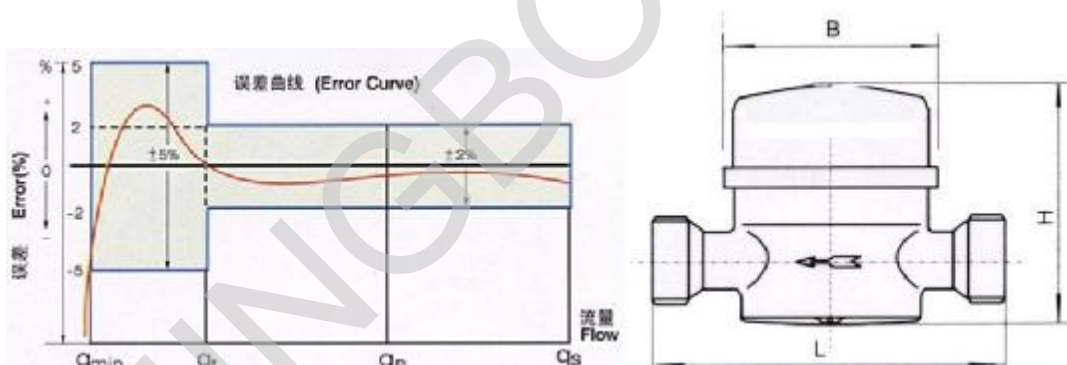
### MAIN TECHNICAL DATA

| Type      | Size (mm) | Class | Qn        | Qp           | Qn                | Qmin      | Min. Reading      | Max. Reading |
|-----------|-----------|-------|-----------|--------------|-------------------|-----------|-------------------|--------------|
|           |           |       | Max. Flow | Nominal Flow | Transitional Flow | Min. Flow |                   |              |
|           |           |       |           |              |                   |           | m <sup>3</sup> /h |              |
|           |           |       |           |              |                   |           | m <sup>3</sup>    |              |
| LXSC-13D3 | 13        | A     | 3         | 1.5          | 150               | 60        | 0.0001            | 99,999       |
|           |           | B     |           |              | 120               | 30        |                   |              |
| LXSC-20D3 | 20        | A     | 5         | 2.5          | 250               | 100       | 0.0001            | 99,999       |
|           |           | B     |           |              | 200               | 50        |                   |              |
| LXSC-25D3 | 25        | A     | 7         | 3.5          | 350               | 140       | 0.0001            | 99,999       |
|           |           | B     |           |              | 280               | 70        |                   |              |

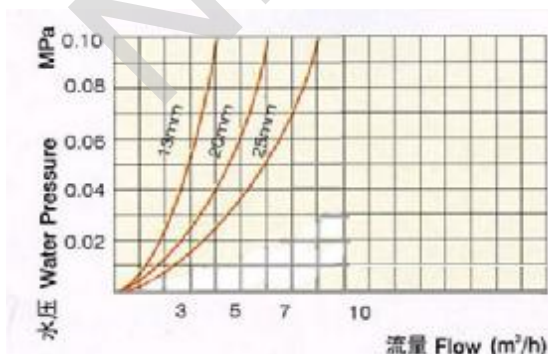
### DIMENSIONS AND WEIGHT

| Type      | Size (mm) | Length | Width | Height | Connecting Thread D | Weight (kg) |
|-----------|-----------|--------|-------|--------|---------------------|-------------|
| mm        |           |        |       |        | D                   | kg          |
| LXSC-13D3 | 13        | 80/110 | 77    | 85     | G 3/4B              | 0.6/0.7kg   |
| LXSC-20D3 | 20        | 130    | 77    | 85     | G 1B                | 0.9 kg      |
| LXSC-25D3 | 25        | 160    | 77    | 92     | G1 1/4B             | 1.47kg      |

### FLOW ERROR CURVE



### PRESSURE LOSS CURVE



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