

Model: LXDG-13B-25B

## Single Jet Water Meter

### Feature:

- Single jet, Dry-dial
- Material body: Brass
- Size: DN15 to DN25mm, (½"-1")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class C / R160

### Main Technical Data:

According to ISO4064(GB/T778.1-1996) Standard

| Size   |      | Class | Qs<br>Overload Flow | Qp<br>Nominal Flow | Qt<br>Transitional Flow | Qmin<br>Min Flow | Min<br>Reading | Max<br>Reading |
|--------|------|-------|---------------------|--------------------|-------------------------|------------------|----------------|----------------|
| DN(mm) | Inch |       | m³/h                |                    | L/h                     |                  | m³             |                |
| 15     | 1/2" | C     | 3                   | 1.5                | 22.5                    | 15               | 0.0001         | 99999          |
| 20     | 3/4" | C     | 5                   | 2.5                | 37.5                    | 25               | 0.0001         | 99999          |
| 25     | 1"   | C     | 7                   | 3.5                | 52.5                    | 35               | 0.0001         | 99999          |

According to ISO4064(GB/T778.1-2007) Standard

| DN<br>Size        | Mm<br>Inch | 15<br>1/2" | 20<br>3/4" | 25<br>1" |
|-------------------|------------|------------|------------|----------|
| Q4(m³/h)          |            | 3.125      | 5          | 7.875    |
| Q3(m³/h)          |            | 2.5        | 4          | 6.3      |
| R160              | Q2(L/h)    | 25         | 40         | 63       |
|                   | Q1(L/h)    | 15.625     | 25         | 39.375   |
| Min reading(m³)   |            | 0.0001     | 0.0001     | 0.0001   |
| Max reading(m³)   |            | 99999      | 99999      | 9999     |
| Max pressure(MAP) |            | 16         | 16         | 16       |
| Max loss(Δ P)     |            | 63         | 63         | 63       |
| Max temperature   |            | T50        | T50        | T50      |

### INDICATING ERROR

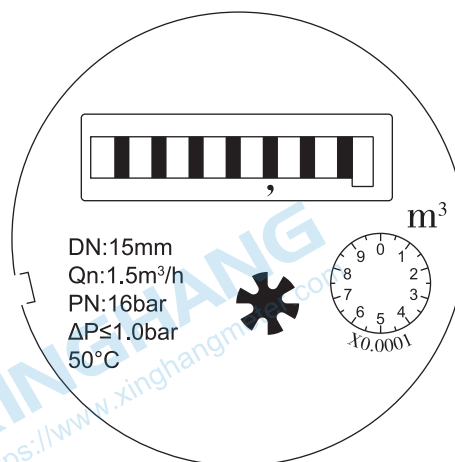
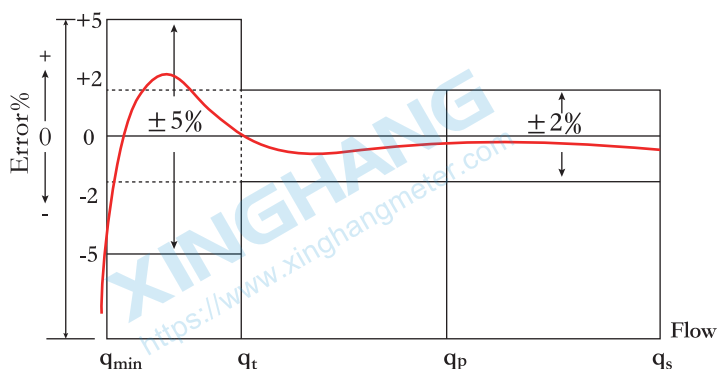
At low zone is ±5% from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is ±2% from transitional flow rate (qt) to overload flow rate (qs)

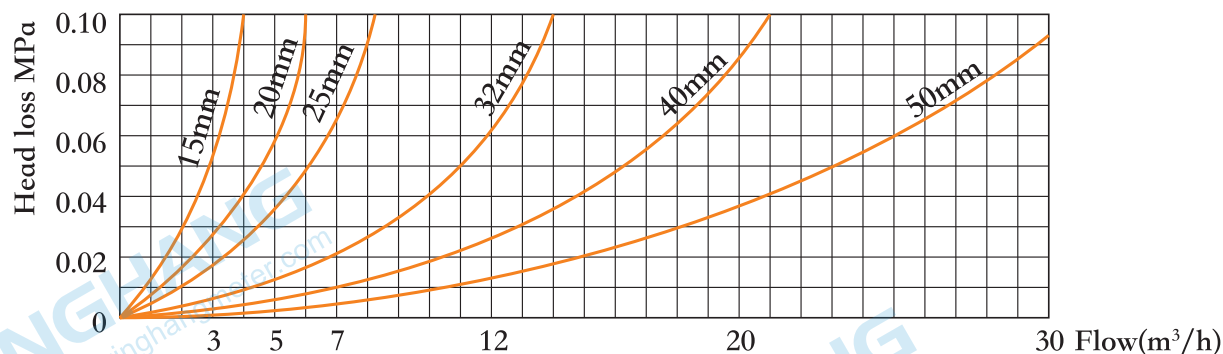


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## Error Curve:

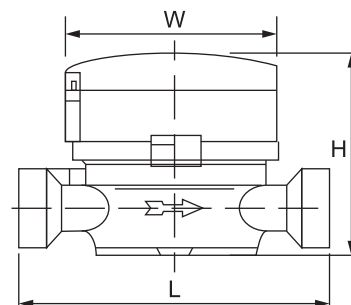


## Head Loss Curve:



## Dimensions and Weight:

| Meter Size<br>Dia<br>DN | L<br>Length | W<br>Width | H<br>Height | Connecting Thread<br>D | Weight<br>Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm)                    | (mm)        |            |             |                        |              |
| 15                      | 110         | 77         | 80          | G 3/4B                 | 0.57         |
| 20                      | 130         | 77         | 80          | G 1B                   | 0.67         |
| 25                      | 160         | 77         | 85          | G1 1/4B                | 0.91         |



## WORKING CONDITION:

Water temperature:  $\leq 50^{\circ}\text{C}$  for cold water meter

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

Working pressure:  $\leq 1.6\text{Mpa}$



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