

Model: LXSG-15E-50E

## Multi Jet Water Meter

### Feature:

- Multi jet, Dry-dial
- Material body: Gray cast iron / Ductile cast iron
- Size: DN15 to DN50mm, (1/2"-2")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class B / Class C



### Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

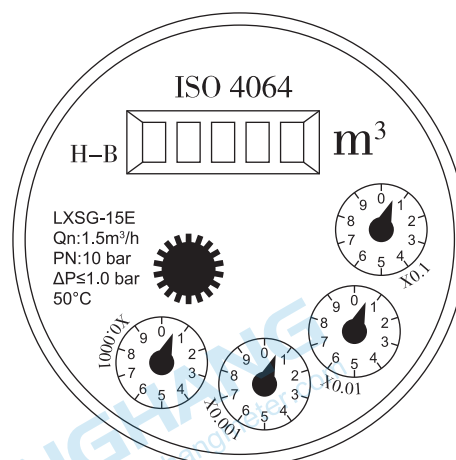
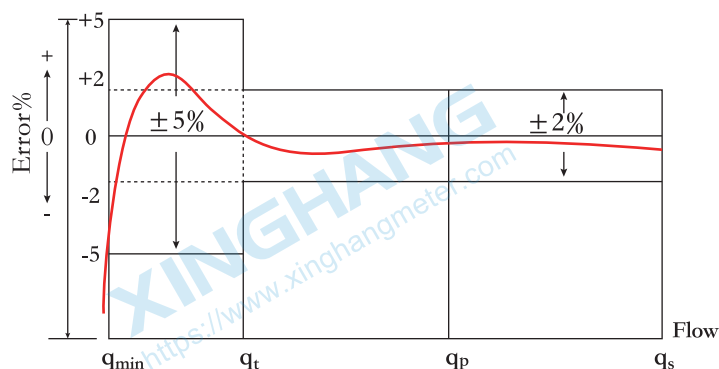
| Size   |        | Class | Qs<br>Overload Flow | Qp<br>Nominal Flow | Qt<br>Transitional Flow | Qmin<br>Min Flow | Min<br>Reading | Max<br>Reading |
|--------|--------|-------|---------------------|--------------------|-------------------------|------------------|----------------|----------------|
| DN(mm) | Inch   |       | m³/h                |                    | L/h                     |                  | m³             |                |
| 15     | 1/2"   | A     | 3                   | 1.5                | 150                     | 60               | 0.0001         | 99999          |
|        |        | B     |                     |                    | 120                     | 30               |                |                |
|        |        | C     |                     |                    | 22.5                    | 15               |                |                |
| 20     | 3/4"   | A     | 5                   | 2.5                | 250                     | 100              | 0.0001         | 99999          |
|        |        | B     |                     |                    | 200                     | 50               |                |                |
|        |        | C     |                     |                    | 37.5                    | 25               |                |                |
| 25     | 1"     | A     | 7                   | 3.5                | 350                     | 140              | 0.0001         | 99999          |
|        |        | B     |                     |                    | 280                     | 70               |                |                |
| 32     | 1 1/4" | A     | 12                  | 6                  | 600                     | 240              | 0.0001         | 99999          |
|        |        | B     |                     |                    | 480                     | 120              |                |                |
| 40     | 1 1/2" | A     | 20                  | 10                 | 1000                    | 400              | 0.001          | 99999          |
|        |        | B     |                     |                    | 800                     | 200              |                |                |
| 50     | 2"     | A     | 30                  | 15                 | 1500                    | 600              | 0.001          | 99999          |
|        |        | B     |                     |                    | 1200                    | 300              |                |                |

### INDICATING ERROR

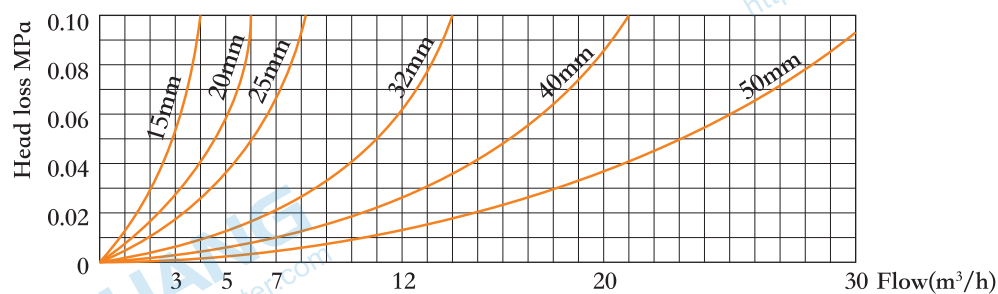
At low zone is  $\pm 5\%$  from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

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

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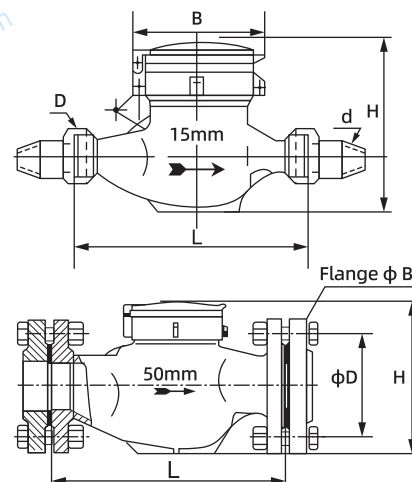


## Head Loss Curve:



## Dimensions and Weight:

| Meter Size<br>Dia<br>DN | L<br>Length | B<br>Width | H<br>Height | Connecting Thread<br>D                                   | Weight<br>Kg |
|-------------------------|-------------|------------|-------------|----------------------------------------------------------|--------------|
| (mm)                    | (mm)        |            |             |                                                          |              |
| 15                      | 165         | 99         | 104         | G 3/4B                                                   | 1.5          |
| 20                      | 190         | 99         | 106         | G 1B                                                     | 1.7          |
| 25                      | 225         | 104        | 120         | G1 1/4B                                                  | 2.4          |
| 32                      | 230         | 104        | 120         | G1 1/2B                                                  | 2.7          |
| 40                      | 245         | 125        | 155         | G 2B                                                     | 4.5          |
| 50                      | 300         | 125        | 155         | G2 1/2B                                                  | 7.2          |
|                         | 280         | 165        | 175         | FLANGE CONNECTING<br>CONFORM TO<br>GB4216.4 D=165 D1=125 | 14           |



## 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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