

**Model: LXSG-15E3-20E3**

**Multi Jet Water Meter**



**Feature:**

- Multi jet, Dry-dial
- Material body: Brass
- Size: DN15 to DN20mm, (1/2" – 3/4")
- Available for cold water (50°C)
- Accuracy: Class B/ Class C/ R80/ R100/ R160

**Main Technical Data:**

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

| Size   |      | Class | Qs            | Qp           | Qt                | Qmin     | Min reading | Max reading |
|--------|------|-------|---------------|--------------|-------------------|----------|-------------|-------------|
| DN(mm) | Inch |       | Overload flow | Nominal flow | Transitional flow | Min flow |             |             |
|        |      | 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       |             |             |

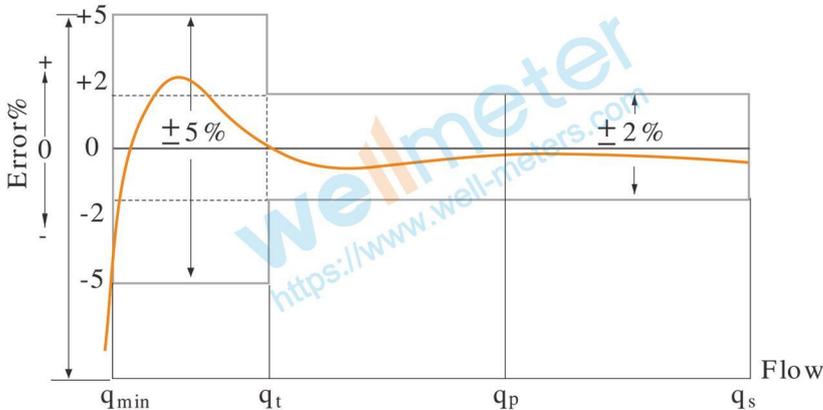
**According to ISO4064 (GB/T778.1-2007) Standard**

| DN SIZE           | Mm Inch | 15<br>1/2" | 20<br>3/4" |
|-------------------|---------|------------|------------|
| Q4(m³/h)          |         | 3.125      | 5          |
| Q3(m³/h)          |         | 2.5        | 4          |
| R80               | Q2(L/h) | 50         | 80         |
|                   | Q1(L/h) | 31.25      | 50         |
| R100              | Q2(L/h) | 40         | 64         |
|                   | Q1(L/h) | 25         | 40         |
| R160              | Q2(L/h) | 25         | 40         |
|                   | Q1(L/h) | 15.625     | 25         |
| Min reading(m³)   |         | 0.0001     | 0.0001     |
| Max reading(m³)   |         | 99999      | 99999      |
| Max pressure(MAP) |         | 16         | 16         |
| Max loss(Δ P)     |         | 63         | 63         |
| Max temperature   |         | T50        | T50        |

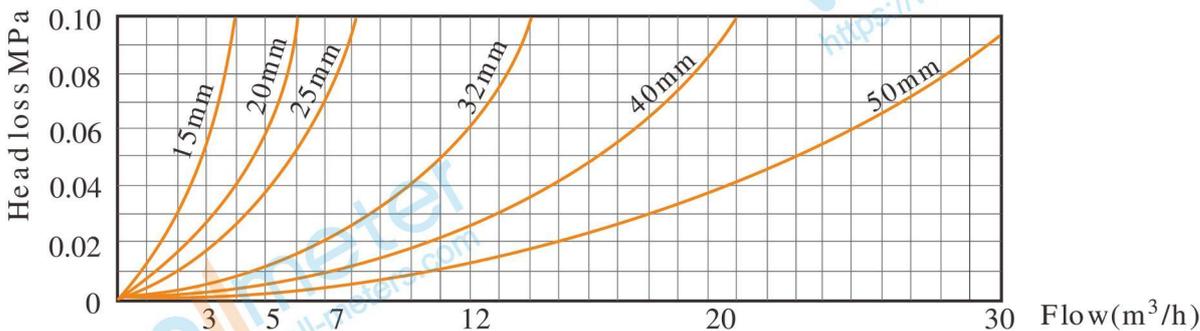
# Model: LXSG-15E3-50E3

## INDICATING ERROR

At low zone is  $\pm 5\%$  from minimum flow rate ( $q_{min}$ ) to transitional flow rate ( $q_t$ ) exclusive boundary  
 At high zone is  $\pm 2\%$  from transitional flow rate ( $q_t$ ) to overload flow rate ( $q_s$ )

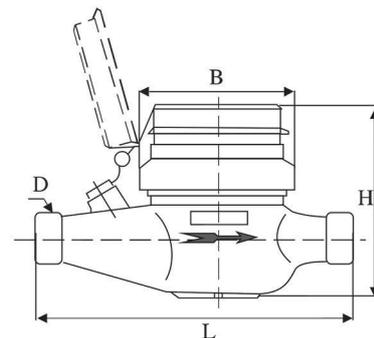


## Head Loss Curve:



## Dimensions and Weight:

| Meter size<br>Dia<br>DN<br>(mm) | L<br>Length | B<br>Width | H<br>Height | Connecting Thread<br>D | Weight<br>Kg |
|---------------------------------|-------------|------------|-------------|------------------------|--------------|
|                                 | mm          |            |             |                        |              |
| 15                              | 165         | 80         | 102         | G3/4B                  | 1.1          |
| 20                              | 190         | 80         | 105         | G 1B                   | 1.4          |



## WORKING CONDITION:

Water temperature:  $\leq 50^\circ\text{C}$  for cold water meter  
 Working pressure:  $\leq 1.6\text{Mpa}$



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