

## Multi jet water meter 304 Stainless steel body



## Multi Jet Dry Type Vane Wheel Water Meter

### Features:

- Dry-dial, magnetic drive, protected against external magnetic tampering
- Vacuum sealed register. frost resistant, keeps clear reading for long time
- Stainless steel body
- Internal or external adjusting device, optional
- For hot or cold water
- Remote transmission device can be added upon request
- Many kinds of sensors, such as Reed Switch, Hall and Weagand can be supplied upon request
- Pulse output may be 1I/pulse, 10I/pulse
- The meters conform to ISO4064 Standard Class B



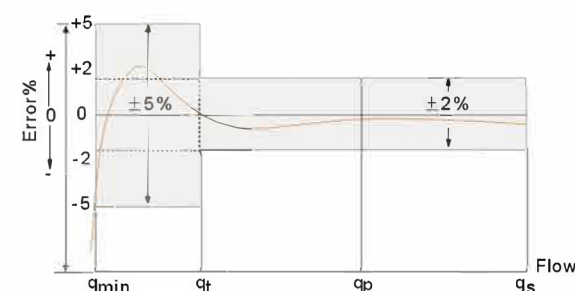
### Technical data:

| Nominal size<br>DN(mm) | Class of<br>measurement | Overload<br>flow-rate<br>$q_s(m^3/h)$ | Permanent<br>flow-rate<br>$q_p(m^3/h)$ | Transitional<br>flow-rate<br>$q_t(l/h)$ | Minimum<br>flow-rate<br>$q_{min}(l/h)$ |
|------------------------|-------------------------|---------------------------------------|----------------------------------------|-----------------------------------------|----------------------------------------|
| 15                     | B                       | 3                                     | 1.5                                    | 120                                     | 30                                     |
| 20                     | B                       | 5                                     | 2.5                                    | 200                                     | 50                                     |
| 25                     | B                       | 7                                     | 3.5                                    | 280                                     | 70                                     |
| 32                     | B                       | 12                                    | 6.0                                    | 480                                     | 120                                    |
| 40                     | B                       | 20                                    | 10                                     | 800                                     | 200                                    |
| 50                     | B                       | 30                                    | 15                                     | 3000                                    | 450                                    |

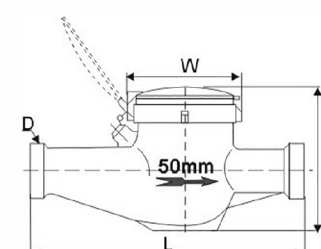
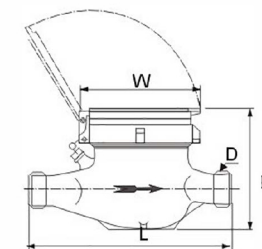
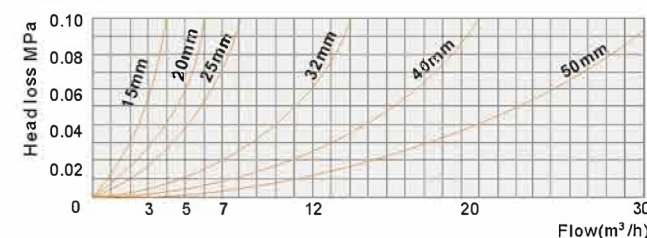
### Overall dimensions and weight

| Type     | Size<br>(mm) | Length<br>(mm)<br>L | Width<br>(mm)<br>W | Height<br>(mm)<br>H | Connecting<br>Thread<br>D | Weight<br>(kg) |
|----------|--------------|---------------------|--------------------|---------------------|---------------------------|----------------|
| LXSG-15E | 15           | 165                 | 99                 | 104                 | G 3/4" B                  | 1.5            |
| LXSG-20E | 20           | 195/190             | 99                 | 106                 | G 1" B                    | 1.7            |
| LXSG-25E | 25           | 225/260             | 104                | 120                 | G1 1/4" B                 | 2.4            |
| LXSG-32E | 32           | 230/260             | 104                | 120                 | G1 1/2" B                 | 2.8            |
| LXSG-40E | 40           | 245/300             | 120                | 155                 | G 2" B                    | 5.1            |
| LXSG-50E | 50           | 280/300             | 125                | 155                 | G2 1/2" B                 | 7.2            |

### Error curve



### Head loss curve

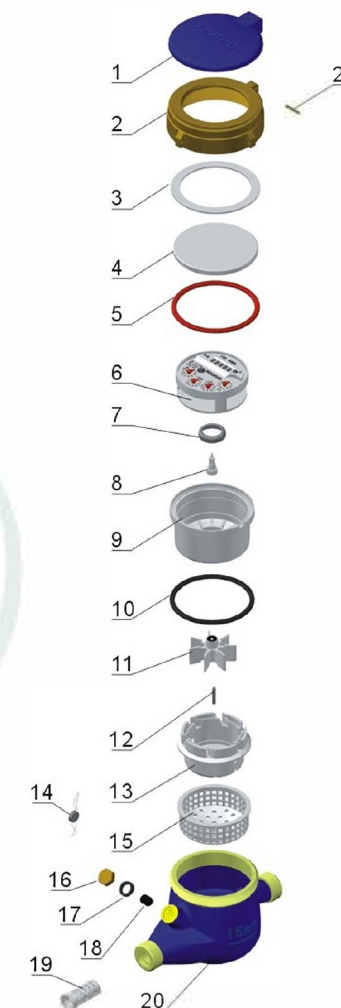


### Working condition:

- Water temperature  $\leq 50^\circ\text{C}$   
(Hot water meter  $\leq 90^\circ\text{C}$ )
- Water pressure  $\leq 1\text{MPa}$   
(PN: 1.6MPa/16bar)
- $\Delta P \leq 0.1\text{MPa}$

### Accuracy:

- From minimum flow-rate ( $q_{min}$ ) inclusive, to transitional flow-rate ( $q_t$ ), exclusive:  $\pm 5\%$
- From transitional flow-rate ( $q_t$ ) inclusive, to overload flow-rate ( $q_s$ ), exclusive:  $\pm 2\%$   
(Hot water meter:  $\pm 3\%$ )



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