

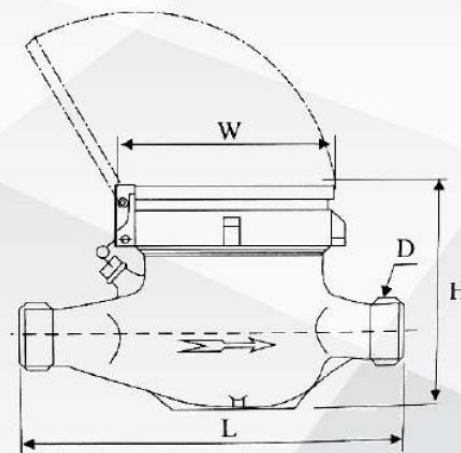
**MULTI JET**  
**CLASS - B WATER METER**  
**MODEL : KING**



**SALIENT FEATURES**

- Multi-jet , Magnetically Driven, dry dial Moisture and dust proof, keep clear reading for a long time.
- Standard Confirm to IS: 779:1994, ISO: 4064 Class "B" Screwed End.
- Meter all Test passed by FCRI & SI'Tarc
- Totalizer reading in kilo litres at circular pointer.
- Horizontal Flow and high accuracy water meters.
- Protection against Magnetic Tampering.
- Totalizer dial straight reading .
- Available in Fully Brass body, cast iron & Plastic body.
- Maximum reading capacity 99999.9999m<sup>3</sup>
- Totalizer is closed type.

**Dimension**



## WORKING CONDITIONS

Water Temperature  $\leq 45^{\circ}\text{C}$

Water Pressure  $\leq 1\text{MPa}$

Maximum Pressure 16 Bar

## 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 Maximum flow rate ( $Q_{\max}$ ), Inclusive  $\pm 2\%$

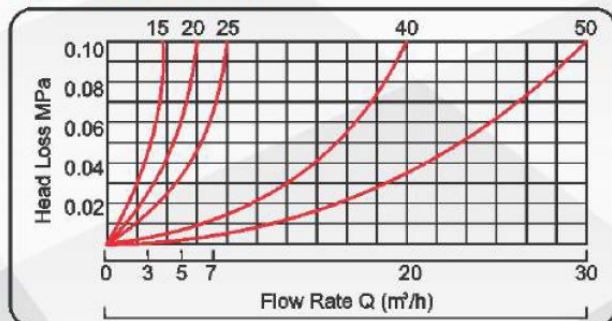
## PERFORMANCE DATA

| Nominal Size DN (mm) | Minimum Reading Quantity In Litres | Hydro Static Test | Maximum Flow Rate in $Q_{\max}$ -Lts./Hr | Nominal Flow rate $Q_n$ -Lts/hr | Transitional flow rate $Q_n$ -Lts/hr | Minimum Starting Flow $Q_{\min}$ -Lts/hr |
|----------------------|------------------------------------|-------------------|--|---------------------------------|--------------------------------------|--|
| 15                   | 0.1                                | 2.0MPa            | 3000                                     | 1500                            | 120                                  | 30                                       |
| 20                   | 0.1                                | 2.0MPa            | 5000                                     | 2500                            | 200                                  | 50                                       |
| 25                   | 0.1                                | 2.0MPa            | 7000                                     | 3500                            | 280                                  | 70                                       |
| 40                   | 0.1                                | 2.0MPa            | 20000                                    | 10000                           | 800                                  | 200                                      |
| 50                   | 0.1                                | 2.0MPa            | 30000                                    | 15000                           | 1200                                 | 300                                      |

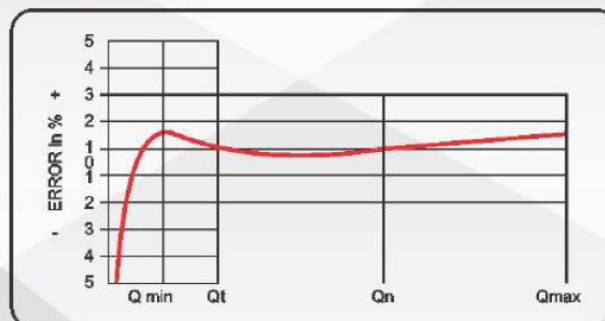
## METER DIMENSIONS

| TYPE                  | Size (mm) | Length (mm) L | Length including nut nipple | Width (mm) W | Height (mm) H | Connecting Thread D |
|-----------------------|-----------|---------------|-----------------------------|--------------|---------------|---------------------|
| MULTIJET CLASS-B KING | 15        | 165           | 250                         | 97           | 109           | G 3/4 B             |
|                       | 20        | 190           | 290                         | 98           | 110           | G 1 B               |
|                       | 25        | 260           | 380                         | 104          | 117           | G 1 1/4 B           |
|                       | 40        | 300           | 430                         | 125          | 148           | G 2 B               |
|                       | 50        | 330           | 470                         | 125          | 148           | G2 1/2 B            |

### Head Loss Curve:



### Error Curve:



**Note :** This Meter also available in C.I. (Non ISI)