

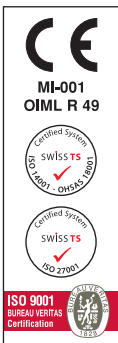
# BAYLAN

## WATER METERS

# AK-111

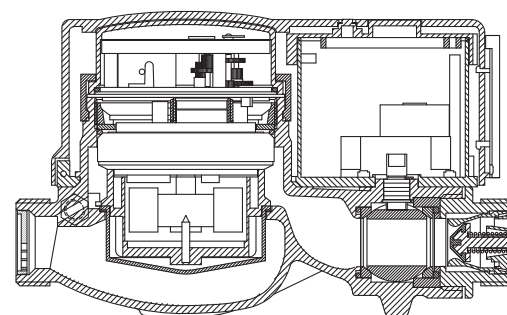
## Prepaid

### Water Meter



### GENERAL

- MID Certificated
- Cash in advance payment
- Complete management of the water consumption
- Elimination of meter reading process
- Easy analysis of water consumption by rich reports on PC
- Contactless card usage ensures isolation against external affects
- Saves great amount from time
- Wide angle digital screen for easy reading
- No meter dismantling because of the debts
- Setting up different tariffs
- IP65 protected electronic circuit and mechanical meter
- Suitable for cold water up to 50°C
- Almost no maintenance • Non return valve
- All spare parts available, wide range of service network
- 3 years of warranty • Suitable for potable water
- Long life lithium battery supplied



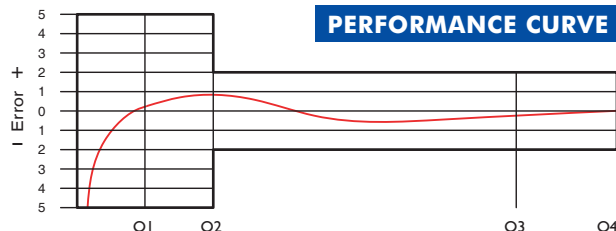
### PERFORMANCE DATA

|                               |    |                       |              |
|-------------------------------|----|-----------------------|--------------|
| Permanent Flowrate            | Q3 | ( m <sup>3</sup> /h ) | : 2.5        |
| Overload Flowrate             | Q4 | ( m <sup>3</sup> /h ) | : 3.125      |
| Transitional Flowrate         | Q2 | ( m <sup>3</sup> /h ) | : 0.040      |
| Minimum Flowrate              | Q1 | ( m <sup>3</sup> /h ) | : 0.025      |
| Initial Flowrate              | Qi | ( l/h )               | : 7          |
| Maximum Working Pressure      |    | ( bar )               | : 16         |
| Maximum Working Temperature   |    | ( °C )                | : 50         |
| Q3/Q1 (MI-001 OIML R49)       |    |                       | : 100        |
| Pressure Loss                 |    | ( bar )               | : 0.6        |
| Maximum Registration Capacity |    | ( m <sup>3</sup> )    | : 99999      |
| Smallest Reading Resolution   |    | ( m <sup>3</sup> )    | : 0.00005    |
| Mounting on the network       |    |                       | : Horizontal |
| Quantity per package          |    |                       | : 5          |
| Package dimensions            |    | ( cm )                | : 23x58x16   |

### DIMENSIONS

| Nominal diameter                     | DN | 15    | 20    | mm |
|--------------------------------------|----|-------|-------|----|
| Connecting diameter                  | D  | G 3/4 | G 1   | B  |
| Total overall meter height           | H  | 116   | 116   | mm |
| Axis height                          | h  | 27    | 27    | mm |
| Length                               | L  | 190   | 190   | mm |
| Width                                | B  | 93    | 93    | mm |
| Length with connections              | LB | 270   | 270   | mm |
| LCD Screen Length                    |    | 55x20 | 55x20 | mm |
| LCD Screen Angle                     |    | 30°   | 30°   | mm |
| Unit weight                          |    | 1.68  | 1.72  | kg |
| Package Weight (without connections) |    | 9.48  | 9.66  | kg |
| Package Weight (with connections)    |    | 10.08 | 10.56 | kg |

### PERFORMANCE CURVE



### PRESSURE LOSS CURVE

