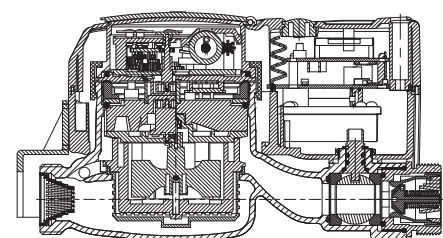


BAYLAN

WATER METERS

AK-311

Remote Reading And Prepaid Water Meters



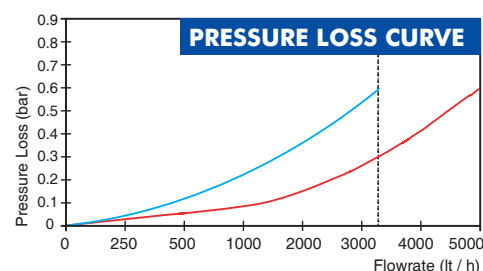
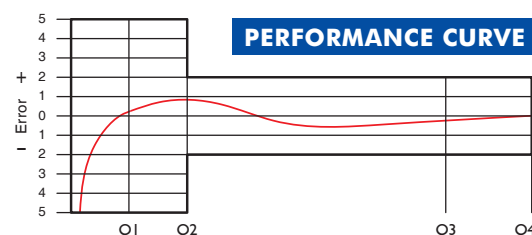
GENERAL

- MID Certified
 - Radio Frequency automatic remote reading
 - Reading through the center of the GPRS system, the collector of conformity
 - Complete management of the water consumption
 - Elimination of meter reading process
 - No meter dismantling because of the debts
 - Contactless card usage ensures isolation against external effects
 - Setting up different tariffs • Suitable for potable water
 - IP68 protected electronic circuit and mechanical meter
 - Check valve disabling bidirectional water flow
 - Fitting security cover and electronic sensor
 - Battery life up to 10 years
 - LCD display with backlight • Suitable for cold water up to 50°C
 - All spare parts available, wide range of service network
 - Leakage control system, 3 years of warranty
 - Environmental Classes
- Climatic : -10°C/+55°C | Mechanic: M1/O | Elektromagnetic: E2
- Q2 ≤ Q ≤ Q4 Maximum Permissible Error
 - Class 2 Water Meters; %±2 (Water Temp. ≤ 30°C), %±3 (Water Temp. > 30°C)
 - Class 1 Water Meters; %±1 (Water Temp. ≤ 30°C), %±2 (Water Temp. > 30°C)
 - Q1 ≤ Q < Q2 Maximum Permissible Error
 - Class 2 Water Meters; % ± 5 | Class 1 Water Meters; % ± 3



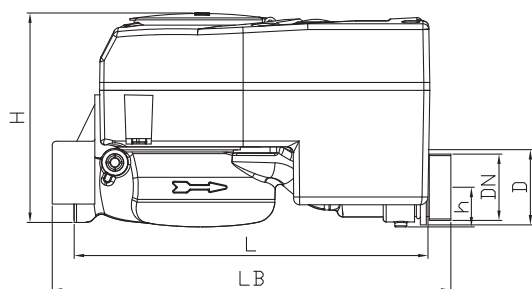
PERFORMANCE DATA

| | | | |
|-------------------------------|----------------|----------------------------------|--------|
| Nominal Diameter | DN | 15/20 | 20 |
| Overload Flowrate | Q4 | m ³ /h 3,125 | 5 |
| Permanent Flowrate | Q3 | m ³ /h 2,5 | 4 |
| Transitional Flowrate | Q2 | m ³ /h 0,016 | 0,0256 |
| Minimum Flowrate | Q1 | m ³ /h 0,010 | 0,016 |
| Q3/Q1 (MI-001 OIML R49) | - | ≤250 | ≤250 |
| Initial Flow | Qi | l/h 7 | |
| Maximum Working Pressure | bar | 16 | |
| Maximum Working Temperature | °C | 50 | |
| Pressure Loss Class | bar | 0,63 | |
| Maximum Registration Capacity | m ³ | 9999/ 99999/ 99999,99/ 99999,999 | |
| Smallest Reading Resolution | m ³ | 0,00005 | |
| Mounting on the network | - | Horizontal | |
| Accuracy Class | - | Class 1 / Class 2 | |
| Quantity per package | - | 5 | |
| Package dimensions | cm | 16x55x24 | |



DIMENSIONS

| | | | | |
|--------------------------------------|----|-------|-------|----|
| Nominal diameter | DN | 15 | 20 | mm |
| Connecting diameter | D | G 3/4 | G 1 | B |
| Total overall meter height | H | 108 | 108 | mm |
| Axis height | h | 21 | 21 | mm |
| Length | L | 190 | 190 | mm |
| Width | B | 100 | 100 | mm |
| Length with connections | LB | 270 | 270 | mm |
| LCD Screen Length | | 64x20 | 64x20 | mm |
| LCD Screen Angle | | 30° | 30° | mm |
| Unit weight | | 1,58 | 1,60 | kg |
| Package Weight (without connections) | | 8,68 | 8,90 | kg |
| Package Weight (with connections) | | 9,50 | 9,85 | kg |



"Due to continuous development of our products, we reserve the right to modify our product design or construction without prior notice."