

# BAYLAN

## WATER METERS

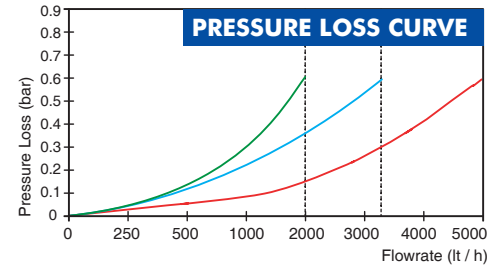
# AK-311V

## Remote Reading and Prepaid Water Meters



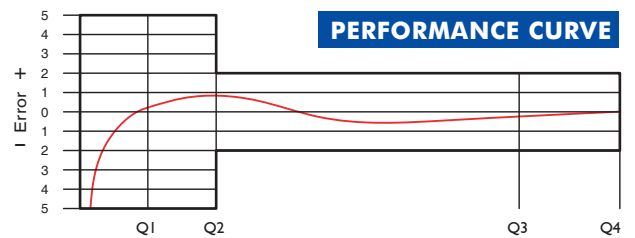
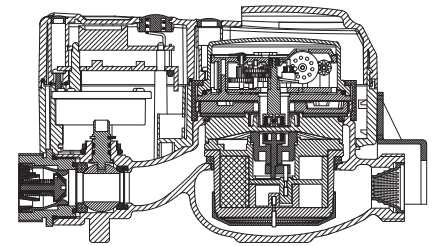
### GENERAL

- MID Certified
- Radio Frequency automatic remote reading
- Reading through the center of the GPRS system, the collector of conformity
- 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
- Lithium battery replaceable by local administration
- 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



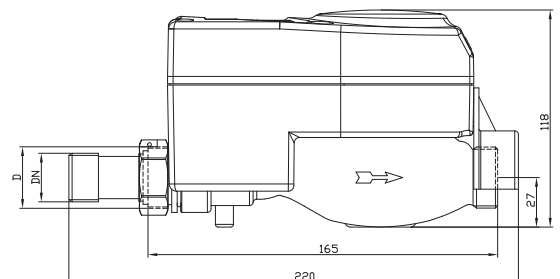
### PERFORMANCE DATA

Overload Flowrate	Q4	m <sup>3</sup> /h	2.0
Permanent Flowrate	Q3	m <sup>3</sup> /h	1.6
Transitional Flowrate	Q2	m <sup>3</sup> /h	0.00512
Minimum Flowrate	Q1	m <sup>3</sup> /h	0.0032
Overload Flowrate	Q4	m <sup>3</sup> /h	3.125
Permanent Flowrate	Q3	m <sup>3</sup> /h	2.500
Transitional Flowrate	Q2	m <sup>3</sup> /h	0.008
Minimum Flowrate	Q1	m <sup>3</sup> /h	0.005
Overload Flowrate	Q4	m <sup>3</sup> /h	5
Permanent Flowrate	Q3	m <sup>3</sup> /h	4
Transitional Flowrate	Q2	m <sup>3</sup> /h	0.0128
Minimum Flowrate	Q1	m <sup>3</sup> /h	0.008
Q3/Q1 (MI-001 OIML R49)	-		≤500
Maximum Registration Capacity	m <sup>3</sup>		9999/99999/99999,99/99999,999
Mounting on the network	-		All Positions
Initial Flow	Qi	l/h	1
Maximum Working Pressure	bar		16
Maximum Working Temperature	°C		50
Pressure Loss	bar		0,63
Smallest Reading Resolution	m <sup>3</sup>		0.00005
Class	-		Class 1 / Class 2



### DIMENSIONS

Nominal diameter	DN	15	15	20	mm
Connecting diameter	D	G 3/4	G 3/4	G 1	B
Total overall meter height	H	118	118	118	mm
Axis height	h	27	27,5	27	mm
Width	B	100	100	100	mm
Length	L	165   170	190	190	mm
Length with connections	LB	245   250	270	270	mm
LCD Screen Length		64x20	64x20	64x20	mm
LCD Screen Angle		30°	30°	30°	mm
Unit weight		1.65	1.64	1.64	kg
Package Weight (without connections)		8.90	8.94	8.94	kg
Package Weight (with connections)		9.70	9.74	9.99	kg
Quantity per package		5	5	5	pcs
Package dimensions		16x54x23	16x54x23	16x54x23	cm



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