

# BAYLAN

## WATER METERS

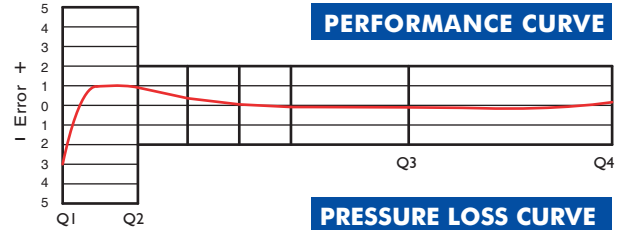
### Prepaid Water Meters



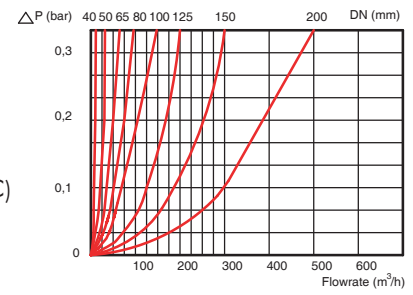
#### GENERAL

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

#### PERFORMANCE CURVE



#### PRESSURE LOSS CURVE



#### MAIN TECHNICAL DATA

Max Permissible Error in Upper Flow Rates  $Q_2 \leq Q \leq Q_4$ :  $\pm 2$  ( $\leq 30^\circ\text{C}$ ) (For Class 1  $\pm 1$ )  $\pm 3$  ( $\geq 30^\circ\text{C}$ )  
 Max Permissible Error in Lower Flow Rates  $Q_1 \leq Q \leq Q_2$ :  $\pm 5$  (For Class 1  $\pm 3$ )  
 Max Working Temperature : 50°C      Pressure Loss : 0,63 bar  
 Max Working Pressure : 16 bar      Class : Class 1 / Class 2

METER SIZE DIA (mm)	TYPE	Q3 / Q1	Q4 MAX FLOW	Q3 NOMINAL FLOW	Q2 TRANSITIONAL FLOW	Q1 MIN. FLOW	SMALLEST READING RESOLUTION	MAX. REGISTRATION CAPACITY
			m <sup>3</sup> /h					
40	AK-13	≤ 160	20	16	0,16	0,10	0,0001	99999/99999,99/99999,999
50	AK-14	≤ 80	31,25	25	0,500	0,313	0,001	999999
65	AK-15W	≤ 80	50	40	0,80	0,500	0,001	999999
80	AK-16	≤ 80	78,75	63	1,260	0,788	0,001	999999
100	AK-17	≤ 80	125	100	2,00	1,250	0,001	999999
125	AK-18W	≤ 80	200	160	3,20	2,000	0,001	999999
150	AK-19	≤ 80	312,5	250	5,00	3,125	0,01	9999999
200	AK-20	≤ 80	500	400	8,00	5,000	0,01	9999999

#### DIMENSIONS & WEIGHTS

METER SIZE DIA (mm)	TYPE	L LENGTH	B WIDTH	H HEIGHT	CONNECTING FLANGE			PACKAGE WEIGHT (Without Flange) (kg)	PACKAGE WEIGHT (With Flange) (kg)
					D2 (mm) FLANGE DIA	D1 (mm) BOLT CIRCLE DIA.	CONNECTION BOLT (PCS-DIA)		
40	AK-13	530	131,2	226,7	-	-	-	12,8	13,8
50	AK-14	200/410	165/165	235/280	165	50	4 - M16	29,2	33,7
65	AK-15W	200/485	185/190	235/300	185	65	4 - M16	38,7	43,9
80	AK-16	225/510	200/200	265/310	200	80	8 - M16	37	43
100	AK-17	250/555	220/220	275/330	220	100	8 - M16	49	56
125	AK-18W	250/680	250/300	260/425	250	125	8 - M16	58	68
150	AK-19	300/705	285/300	310/420	285	150	8 - M20	110	123
200	AK-20	350/820	340/365	370/490	340	200	8 - M20	160	173

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