

BAYLAN

WATER METERS

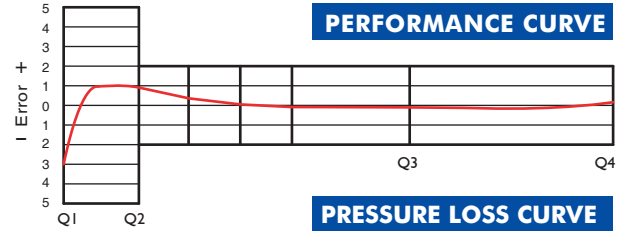
GPRS-Prepaid Irrigation Water Meters



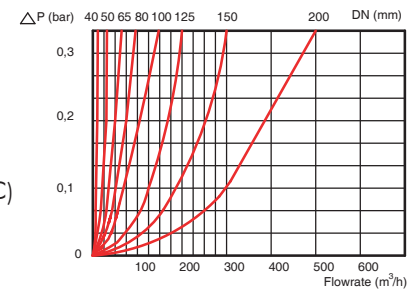
GENERAL

- MID Certified
- Compatibility with Online Water Meter Reading System via GSM-GPRS collector
- Electronic relay input turns off the water pump automatically when the valve is closed
- Contactless card usage ensures isolation against affects
- Suitable for all positions (DN 40 Horizontal connection)
- Saves great amount from time
- Wide angle digital screen for easy reading
- Suitable for cold water up to 50°C
- Almost no maintenance • Suitable for potable water
- IP68 protected dry type mechanism
- Sleeve security check and electronic sensor
- All spare parts available, wide range of service network
- Long life lithium battery supplied • 3 years of warranty

PERFORMANCE CURVE



PRESSURE LOSS CURVE



MAIN TECHNICAL DATA

Max Permissible Error in Upper Flow Rates $Q2 \leq Q \leq Q4$: ± 2 ($\leq 30^\circ\text{C}$) (For Class 1 ± 1) ± 3 ($\geq 30^\circ\text{C}$)

Max Permissible Error in Lower Flow Rates $Q1 \leq Q \leq Q2$: ± 5 (For Class 1 ± 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	Q3	Q2	Q1	SMALLEST READING RESOLUTION	MAX. REGISTRATION CAPACITY
			MAX FLOW	NOMINAL FLOW	TRANSITIONAL FLOW	MIN. FLOW		
			m ³ /h				m ³	
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	410	165	280	165	50	4 - M16	29,2	33,7
65	AK-15W	485	190	300	185	65	4 - M16	38,7	43,9
80	AK-16	510	200	310	200	80	8 - M16	37	43
100	AK-17	555	220	330	220	100	8 - M16	49	56
125	AK-18W	680	300	425	250	125	8 - M16	58	68
150	AK-19	705	285	420	285	150	8 - M20	110	123
200	AK-20	820	340	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."