

# BAYLAN

## WATER METERS

# TK-29

## Multi jet Dry type Water Meter



### GENERAL

- MID Certified
- Suitable for potable water • 359° rotating dial
- Multi jet working principle assures a long service time
- Low pressure loss, high sensitivity at initial flow
- Vacuumed mechanism
- Special glass against for impact and pressure
- Electrostatic painted body made of corrosion resistant brass
- Protection against external magnetic fields
- For optical reading • Non return valve
- AMR reading features are optional
- 3 years of warranty • Almost no maintenance
- Suitable for cold water up to 50°C
- Service and spare parts available for 10 years
- IP68 Protected
- Environmental Classes

Climatic : -10°C/+55°C | Mechanic: M1/O | Elektromagnetic: E2

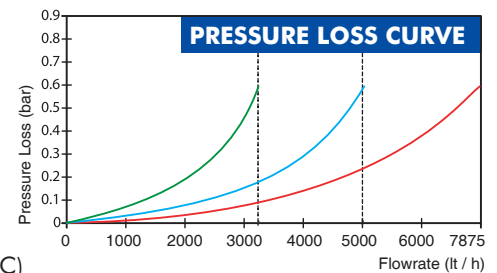
•  $Q2 \leq Q \leq Q4$  Maximum Permissible Error

Class 2 Water Meters;  $\pm 2\%$  (Water Temp.  $\leq 30^\circ\text{C}$ ),  $\pm 3\%$  (Water Temp.  $> 30^\circ\text{C}$ )

Class 1 Water Meters;  $\pm 1\%$  (Water Temp.  $\leq 30^\circ\text{C}$ ),  $\pm 2\%$  (Water Temp.  $> 30^\circ\text{C}$ )

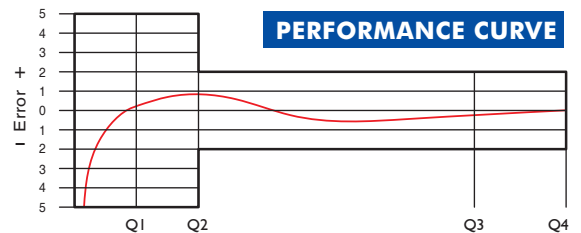
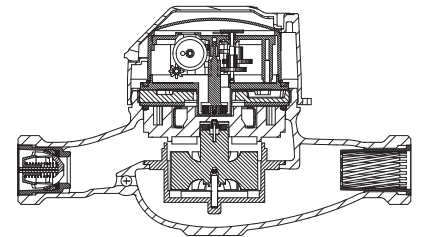
•  $Q1 \leq Q < Q2$  Maximum Permissible Error

Class 2 Water Meters;  $\pm 5\%$  | Class 1 Water Meters;  $\pm 3\%$



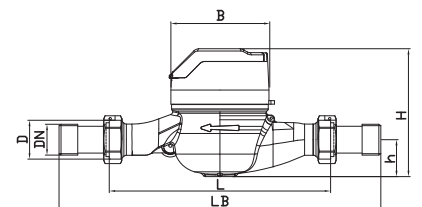
### PERFORMANCE DATA

Nominal diameter	DN	15 / 20	20	25			
Overload Flowrate	Q4	m³/h	3,125	5	7,875		
Permanent Flowrate	Q3	m³/h	2,5	4	6,3		
Transitional Flowrate	Q2	m³/h	0,0200	0,1	0,032	0,16	0,0504
Minimum Flowrate	Q1	m³/h	0,0125	0,0625	0,020	0,1	0,0315
Q3/Q1 (MI-001 OIML R49)	-		$\leq 200$	$\leq 40$	$\leq 200$	$\leq 40$	$\leq 200$
Mounting on the network	-	H	V	H	V	H	V
Maximum Registration Capacity	m³	9999 / 99999 / 99999,99 / 99999,999					
Initial Flow	Qi	l/h	4				
Maximum Working Pressure	bar	16					
Maximum Working Temperature	°C	50					
Pressure Loss Class	bar	0,63					
Smallest Reading Resolution	m³	0.00005					
Class	-	Class 1 / Class 2					
Quantity per package	-	10					



### DIMENSIONS

Nominal diameter	DN	15	15	20	25	mm
Connecting diameter	D	G 3/4	G 3/4	G 1	G1 1/4	B
Total overall meter height	H	116	116	116	104,2	116
Axis height	h	30,9	30,9	31,5	25,6	41,5
Length	L	165	170	190	190	260
Length with connections	LB	245	250	270	275	380
Width	B	80	80	80	90,4	80
Unit weight		1,04/1,10	1,07/1,13	1,13	0,93	1,70
Package Weight (without con.)		11,51	11,80	12,0	10,1	18,30
Package Weight (with con.)		13,11	13,40	13,9	12,0	22,70
Package dimensions		27x48,5x20	27x48,5x20	27x48,5x20	26x52x30	cm



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