

BAYLAN

WATER METERS

TK-30

Multi jet Dry type Water Meter



GENERAL

- MID Certified
- Multi jet working principle assures a long service time
- Special glass with high resistance to pressure and impact
- Suitable for potable water
- 359° rotating dial • Security Ring
- With stainless steel register cup
- Low pressure loss, high sensitivity at initial flow
- Electrostatic painted body made of corrosion resistant brass
- Protection against external magnetic fields
- Available 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

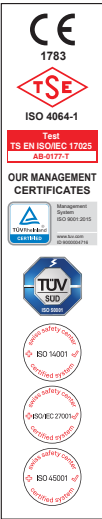
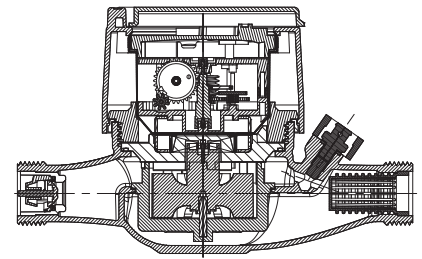
- $Q2 \leq Q \leq Q4$ Maximum Permissible Error

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. $> 30^\circ\text{C}$)

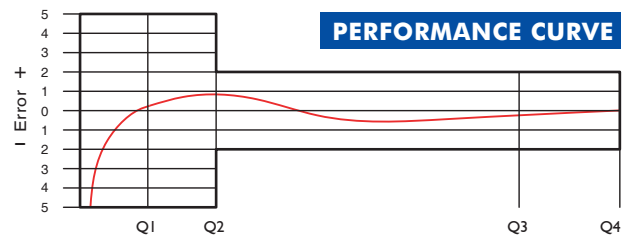
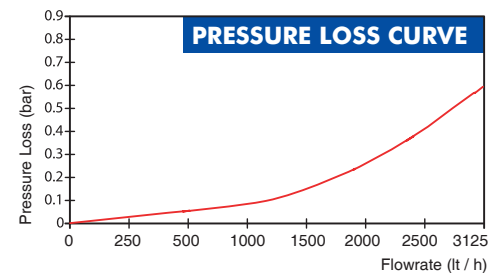
- $Q1 \leq Q < Q2$ Maximum Permissible Error

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



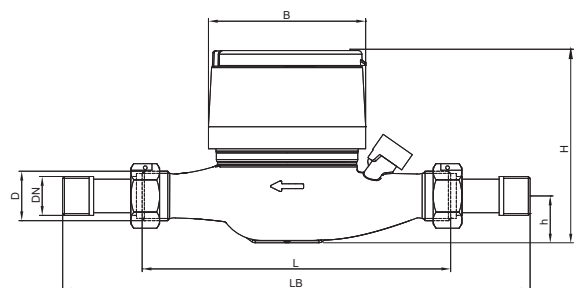
PERFORMANCE DATA

Overload Flowrate	Q4	m ³ /h	3,125
Permanent Flowrate	Q3	m ³ /h	2,5
Transitional Flowrate	Q2	m ³ /h	0,0250
Minimum Flowrate	Q1	m ³ /h	0,0156
Q3/Q1 (MI-001 OIML R49)			≤ 160
Mounting on the network			Horizontal
Maximum Registration Capacity			9999 / 99999 / 99999,99 / 99999,999
Initial Flowrate	Qi	l/h	5
Maximum Working Pressure		bar	16
Maximum Working Temperature		°C	50
Pressure Loss Class		bar	0,63
Smallest Reading Resolution		m ³	0,00005
Class			Class 1 / Class 2



DIMENSIONS

Nominal diameter	DN	15	mm
Connecting diameter	D	G 3/4	B
Total overall meter height	H	103,5	mm
Axis height	h	25	mm
Width	B	84,1	mm
Length	L	165 170	mm
Length with connections	LB	245 250	mm
Unit weight		0,71	kg
Package Weight (without connect)		7,86	kg
Package Weight (with connect)		9,46	kg
Quantity per package		10	pcs
Package dimensions		24,5x45x20	cm



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