

BAYLAN

WATER METERS

TK-12

Multi jet Dry type Water Meter



GENERAL

- MID Certified
- Multi jet working principle assures a long service time
- Low pressure loss, high sensitivity at initial flow
- Suitable for potable water
- 360° rotating lid
- Available for optical reading
- Pulse output and AMR reading features are optional
- 3 years of warranty • Non return valve
- Suitable for cold water up to 50°C
- Electrostatic painted body made of corrosion resistant brass
- Protection against external magnetic fields
- Almost no maintenance
- Service and spare parts available for 10 years
- IP68 Protected
- Environmental Classes

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

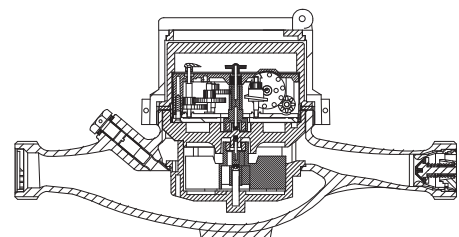
- Q2 ≤ Q ≤ Q4 Maximum Permissible Error

Class 2 Water Meters; %±2 (Water Temp. ≤ 30°C), %±3 (Water Temp. > 30°C)

Class 1 Water Meters; %±1 (Water Temp. ≤ 30°C), %±2 (Water Temp. > 30°C)

- Q1 ≤ Q < Q2 Maximum Permissible Error

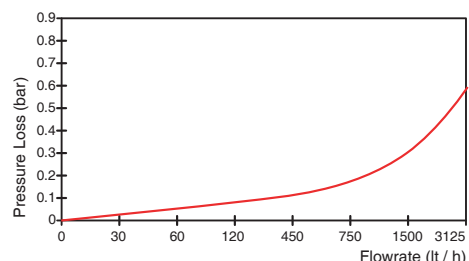
Class 2 Water Meters; % ± 5 | Class 1 Water Meters; % ± 3



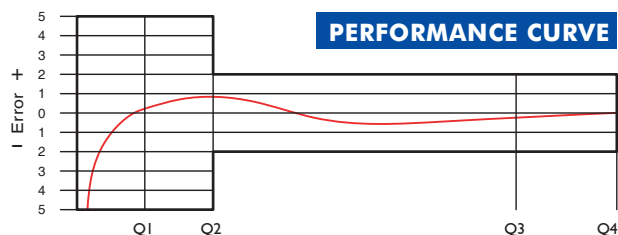
PERFORMANCE DATA

Overload Flowrate	Q4	m ³ /h	3,125
Permanent Flowrate	Q3	m ³ /h	2,5
Transitional Flowrate	Q2	m ³ /h	0,025
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	7
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
Quantity per package			10

PRESSURE LOSS CURVE

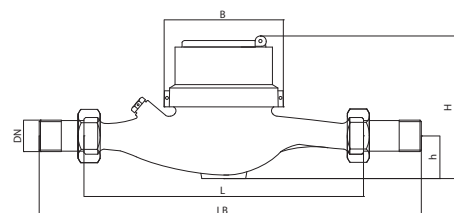


PERFORMANCE CURVE



DIMENSIONS

Nominal diameter	DN	15	15	20	20	mm
Connecting diameter	D	G 3/4	G 3/4	G 1	G 1	B
Total overall meter height	H	94,4	91,6	93,5	93,5	mm
Axis height	h	29	29	28	28	mm
Width	B	80	80	80	80	mm
Length	L	165 170	190	165 170	190	mm
Length with connections	LB	245 250	270	245 250	270	mm
Unit weight		0,71/0,77	0,81/0,87	0,78/0,84	0,89/0,95	kg
Package Weight (without con.)		8,10	9,20	8,80	10,00	kg
Package Weight (with con.)		9,70	10,80	10,70	11,90	kg
Package dimensions		24x46x23	24x46x23	24x46x23	24x46x23	cm



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