

BAYLAN

WATER METERS

KY-12

Single jet Wet type Water Meter



GENERAL

- MID Certified
- Single jet design assures very high sensitivity even at low flows
- Available for optical reading
- AMR reading features are optional
- Low pressure loss, high sensitivity at initial flow
- Special glass with high resistance to pressure and impact
- Suitable for potable water
- Propylene glycol protected register
- 360° rotating lid
- Electrostatic painted body made of corrosion resistant brass
- 3 years of warranty
- Suitable for cold water up to 50°C
- Almost no maintenance
- Service and spare parts available for 10 years
- Environmental Classes

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

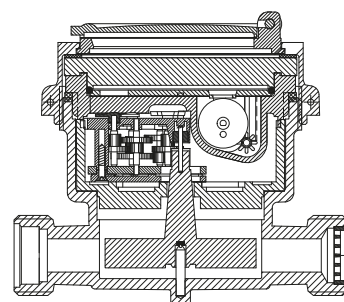
• $Q_2 \leq Q \leq Q_4$ Maximum Permissible Error

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

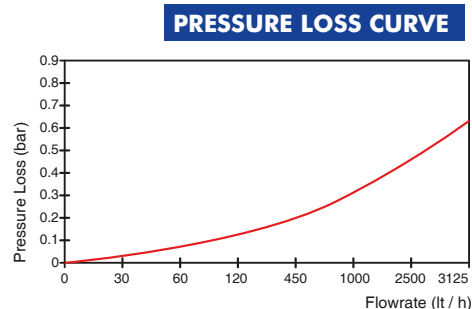
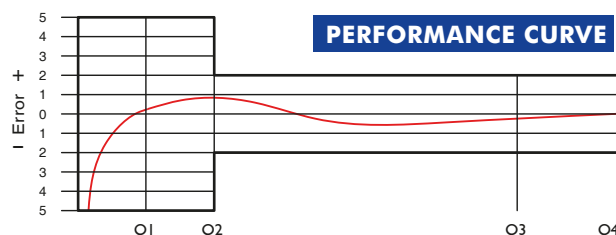
• $Q_1 \leq Q < Q_2$ Maximum Permissible Error

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



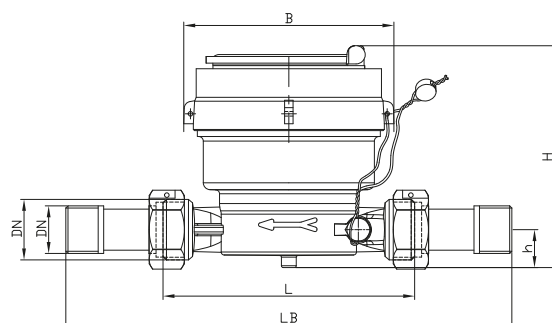
PERFORMANCE DATA

Overload Flowrate	Q4	m ³ /h	3,125
Permanent Flowrate	Q3	m ³ /h	2,5
Transitional Flowrate	Q2	m ³ /h	0,0127 0,04
Minimum Flowrate	Q1	m ³ /h	0,00793 0,025
Q3/Q1 (MI-001 OIML R49)	-		≤ 315 ≤ 100
Mounting on the network	-	H	V
Initial Flow	Qi	l/h	3
Maximum Working Pressure	bar		16
Maximum Working Temperature	°C		50
Pressure Loss Class	bar		0,63
Maximum Registration Capacity	m ³		9999 / 99999
Smallest Reading Resolution	m ³ /h		0,00002
Class	-		Class 1/Class 2
Quantity per package	-		10
Package dimensions	cm		21x42,5x16,5



DIMENSIONS

Nominal diameter	DN	15	15	20	mm
Connecting diameter	D	G 3/4	G 3/4	G 1	B
Total overall meter height	H	97	97	97	mm
Axis height	h	17	17	17	mm
Width	B	95	95	95	mm
Length	L	110 115 130	165 170	110 115	mm
Length with connections	LB	190 195 210	245 250	190 195	mm
Unit weight		0,88/0,94	0,92/0,98	0,89/0,95	kg
Package Weight (without con.)		9,80	10,2	10,00	kg
Package Weight (with con.)		11,40	11,80	11,90	kg



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