

BAYLAN

WATER METERS

VK-10

Volumetric Water Meter



GENERAL

- MID Certified
- Volumetric principle assures very high sensitivity even at low flow
- Suitable for potable water
- Very good sensitivity in initial starting
- Special glass with high resistance to pressure and impact
- Electrostatic painted body made of corrosion resistant brass
- Protection against external magnetic fields
- 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
- Almost no maintenance • 359° rotating dial
- Service and spare parts available for 10 years
- IP68 Protected
- Environmental Classes

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

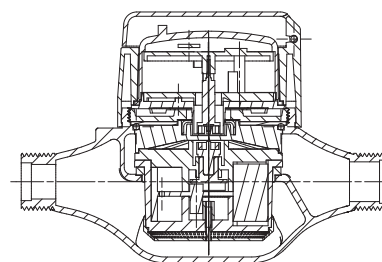
• $Q_2 \leq Q \leq Q_4$ Maximum Permissible Error

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

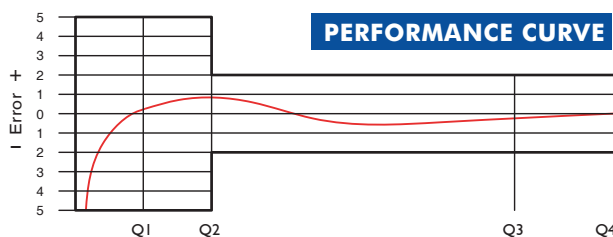
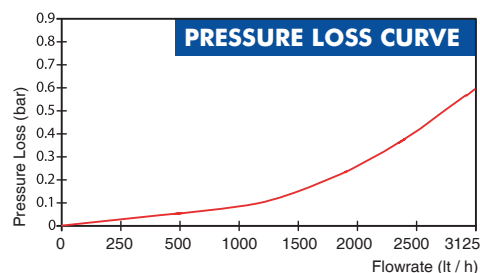
• $Q_1 \leq Q < Q_2$ Maximum Permissible Error

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



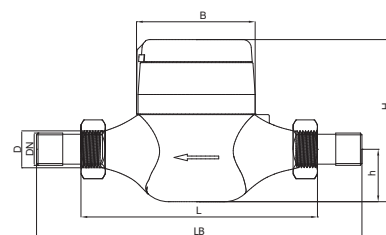
PERFORMANCE DATA

Overload Flowrate	Q4	m ³ /h	3,125
Permanent Flowrate	Q3	m ³ /h	2,500
Transitional Flowrate	Q2	m ³ /h	0,005
Minimum Flowrate	Q1	m ³ /h	0,003125
Q3/Q1 (MI-001 OIML R49)	-		≤ 800
Maximum Registration Capacity	m ³		9999 / 99999 / 99999,99 / 99999,999
Mounting on the network	-		All Positions
Initial Flow	Q _i	l/h	1
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	15	15	20	20	mm
Connecting diameter	D	G 3/4	G 3/4	G 3/4	G 1	G 1	B
Total overall meter height	H	116,6	116,6	116,6	116,6	116,6	mm
Axis height	h	37,5	37,5	37,5	37,5	37,5	mm
Width	B	86	86	86	86	86	mm
Length	L	110	115	165	170	190	mm
Length with connections	LB	195	200	250	255	275	mm
Unit weight		0,90/0,96	1,02/1,08	1,09	0,93/0,99	1,16	kg
Package Weight (without connect)		10,09	10,86	11,79	10,29	12,41	kg
Package Weight (with connect)		11,69	12,46	13,39	12,19	14,31	kg
Quantity per package		10	10	10	10	10	pcs
Package dimensions		27x49x16	27x48x20	27x48x20	27x49x16	27x52x22	cm



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