

BAYLAN

WATER METERS

VK-12M

Volumetric Water Meter



GENERAL

- MID Certified
- Volumetric principle assures very high sensitivity even at low flow
- Suitable for potable water
- Stainless steel register cup
- 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
- 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

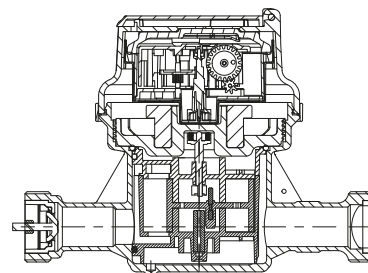
• Q2 ≤ Q ≤ Q4 Maximum Permissible Error

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)

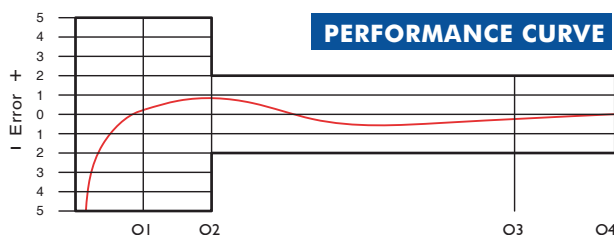
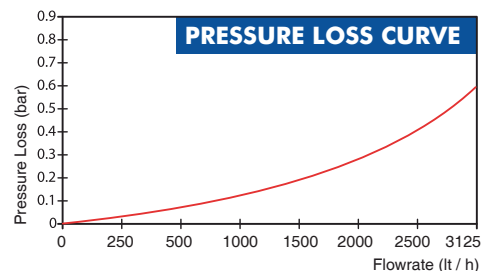
• Q1 ≤ Q < Q2 Maximum Permissible Error

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	2,500
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	Qi	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	20	20	mm
Connecting diameter	D	G 3/4	G 3/4	G 1	G 1	B
Total overall meter height	H	124	124	124	124	mm
Axis height	h	21	21	21	21	mm
Width	B	98	98	98	98	mm
Length	L	110 115 130	165 170 190	110 115 130	165 190	mm
Length with connections	LB	190 195 210	245 250 270	190 195 210	245 270	mm
Unit weight		0,84/0,90	0,94/1,00	0,84/0,90	0,97/1,03	kg
Package Weight (without connect.)		9,70	10,70	9,70	11,00	kg
Package Weight (with connect.)		11,30	12,30	11,60	12,90	kg
Quantity per package		10	10	10	10	pcs.
Package dimensions		27x49x16	27x48x20	27x49x16	27x48x20	cm

