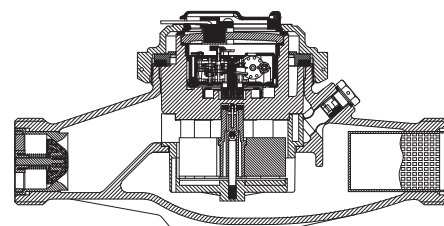


BAYLAN

WATER METERS

TK-5C

Multi jet Dry type Water Meter



GENERAL

- MID Certified
- Reading with reed sensor
- 1 pulse output at 1/10/100 lt
- Stainless steel register cup is optional
- Low pressure loss, high sensitivity at initial flow
- Vacuumed mechanism • Suitable for potable water
- Electrostatic painted body made of corrosion resistant brass
- Available for optical reading
- 3 years of warranty • Non return valve
- Suitable for cold water up to 50°C
- Almost no maintenance • 360° rotating lid
- 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; $\% \pm 3$



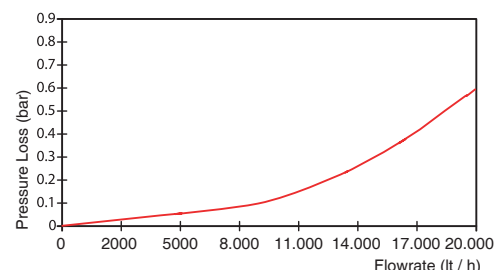
PERFORMANCE DATA

Overload Flowrate	Q4	m ³ /h	20
Permanent Flowrate	Q3	m ³ /h	16
Transitional Flowrate	Q2	m ³ /h	0,128
Minimum Flowrate	Q1	m ³ /h	0,08
Q3/Q1 (MI-001 OIML R49)			≤ 200
Mounting on the network			Horizontal
Maximum Registration Capacity			99999 / 99999,99 / 99999,999
Initial Flowrate	Qi	l/h	15
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			4

DIMENSIONS

Nominal diameter	DN	40	mm
Connecting diameter	D	G 2	B
Total overall meter height	H	148	mm
Axis height	h	42	mm
Length	L	300	mm
Width	B	135	mm
Length with connections	LB	438	mm
Unit weight		4,18	kg
Package Weight (without connect)		18,05	kg
Package Weight (with connect)		22,00	kg
Package dimensions		34x37x36	cm

PRESSURE LOSS CURVE



PERFORMANCE CURVE

