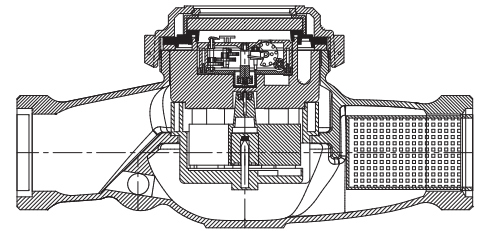


# BAYLAN

## WATER METERS

# TK-7C

## Multi jet Dry type Water Meter



### GENERAL

- MID Certified • Impeller chamber strainer (Optional)
- Multi jet working principle assures a long service time
- Low pressure loss, high sensitivity at initial flow
- 360° rotating lid
- Good sensitivity at starting flow
- Vacuumed mechanism
- Electrostatic painted body made of corrosion resistant brass
- Protection against external magnetic fields
- Available for optical reading • Non return valve
- Pulse output and AMR reading features are optional
- 3 years of warranty • Almost no maintenance
- Suitable for cold water up to 50°C
- Stainless steel register cup is optional
- 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

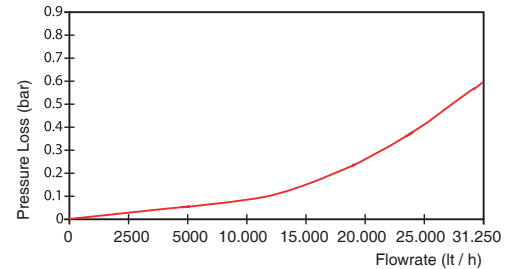
Class 2 Water Meters; % ± 5 | Class 1 Water Meters; % ± 3



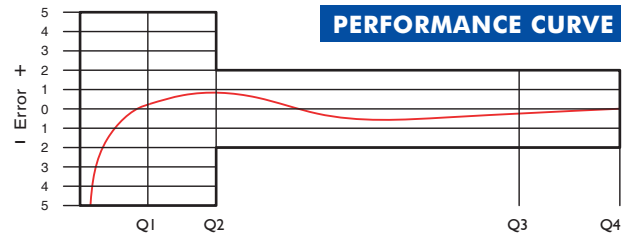
### PERFORMANCE DATA

Overload Flowrate	Q4	m <sup>3</sup> /h	31,25
Permanent Flowrate	Q3	m <sup>3</sup> /h	25
Transitional Flowrate	Q2	m <sup>3</sup> /h	0,200
Minimum Flowrate	Q1	m <sup>3</sup> /h	0,125
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	20
Maximum Working Pressure		bar	16
Maximum Working Temperature		°C	50
Pressure Loss Class		bar	0,63
Smallest Reading Resolution		m <sup>3</sup>	0,00005
Class			Class 1 / Class 2
Quantity per package			4

### PRESSURE LOSS CURVE

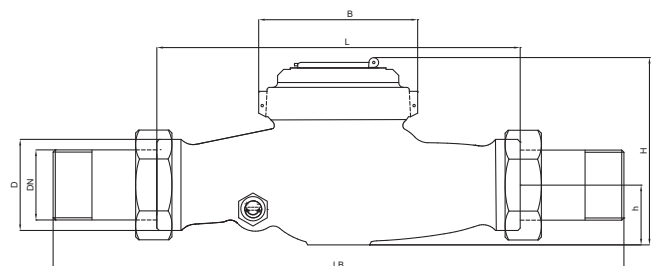


### PERFORMANCE CURVE



### DIMENSIONS

Nominal diameter	DN	50	mm
Connecting diameter	D	2 1/2	B
Total overall meter height	H	153,5	mm
Axis height	h	50	mm
Length	L	300	mm
Width	B	142	mm
Length with connections	LB	438	mm
Unit weight		5,03	kg
Package Weight (without connect)		21,91	kg
Package Weight (with connect)		28,11	kg
Package dimensions		34x37x36	cm



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