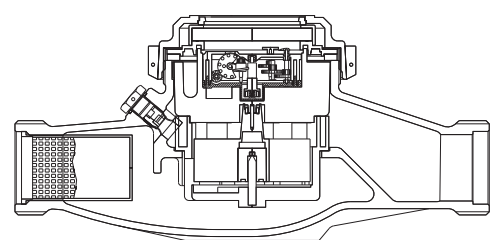


BAYLAN

WATER METERS

TK-5S

Multi jet Dry type Water Meter (Hot Water)



GENERAL

- MID Certified
- Multi jet working principle assures a long service time
- Low pressure loss, high sensitivity at initial flow
- Electrostatic painted body made of corrosion resistant brass
- Protection against external magnetic fields
- Vacuumed mechanism
- Wiper on the glass is optional
- Available for optical reading
- Pulse output and AMR reading features are optional
- Stainless steel register cup is optional
- 3 years of warranty
- Suitable for hot water up to 90°C
- Almost no maintenance • 360° rotating lid
- Service and spare parts available for 10 years
- IP68 Protected

Max Permissible Error in Upper Flow Rates $Q2 \leq Q \leq Q4$:

$\pm 2\%$ ($\leq 30^\circ\text{C}$), $\pm 3\%$ ($> 30^\circ\text{C}$)

Max Permissible Error in Lower Flow Rates $Q1 \leq Q \leq Q2$: $\pm 5\%$

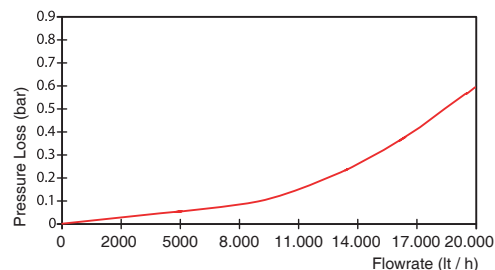
Environmental Classes= Climatic : $-10^\circ\text{C}/+55^\circ\text{C}$ - Mechanic: M1/O - Electromagnetic: E2



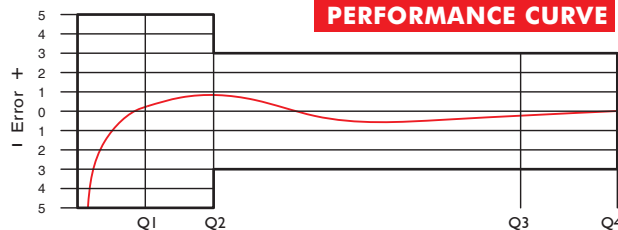
PERFORMANCE DATA

Overload Flowrate	Q4	m ³ /h	20
Permanent Flowrate	Q3	m ³ /h	16
Transitional Flowrate	Q2	m ³ /h	0,2560
Minimum Flowrate	Q1	m ³ /h	0,1600
Q3/Q1 (MI-001 OIML R49)	-		100
Mounting on the network	-		H
Maximum Registration Capacity	m ³		9999 / 99999 / 99999,99 / 99999,999
Initial Flow	Qi	l/h	25
Maximum Working Pressure	bar		16
Maximum Working Temperature	°C		90
Pressure Loss Class	bar		Max. 0,6
Smallest Reading Resolution	m ³		0,00005
Class	-		Class 1 / Class 2
Quantity per package	-		4

PRESSURE LOSS CURVE

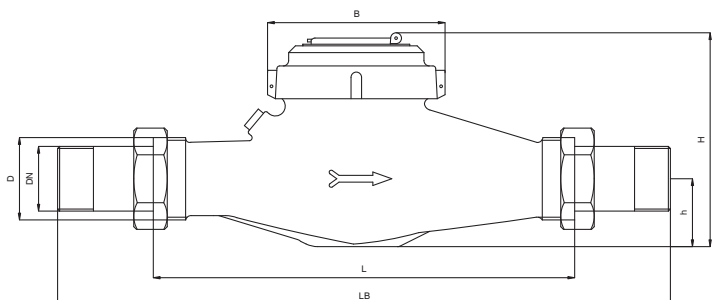


PERFORMANCE CURVE



DIMENSIONS

Nominal diameter	DN	40	mm
Connecting diameter	D	G 2	B
Total overall meter height	H	148	mm
Axis height	h	44	mm
Width	B	135	mm
Length	L	300	mm
Length with connections	LB	438	mm
Unit weight		4,16	kg
Package Weight (without connect)		18,58	kg
Package Weight (with connect)		22,62	kg
Package dimensions		30x33x35,5	cm



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