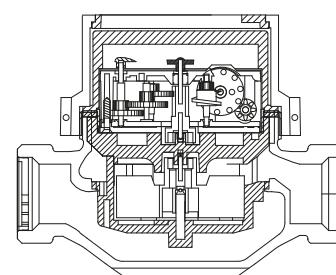


BAYLAN

WATER METERS

TK-13S

Multi jet Dry type Water Meter (Hot Water)



GENERAL

- MID Certified
- Multi jet working principle assures a long service time
- 360° rotating lid
- Low pressure loss, high sensitivity at initial flow
- Electrostatic painted body made of corrosion resistant brass
- Protection against external magnetic fields
- Available for optical reading • Wiper on the glass is optional
- Vacuumed mechanism
- AMR reading features are optional
- 3 years of warranty • Almost no maintenance
- Stainless steel register cup is optional
- Suitable for cold water up to 90°C
- 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 $Q1 \leq Q \leq Q2$: $\pm 5\%$

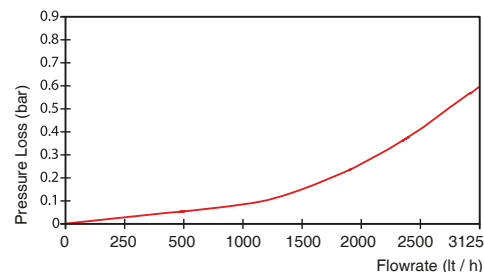
Environmental Classes= Climatic : $-10^\circ\text{C}/+55^\circ\text{C}$ - Mechanic: M1/O - Electromagnetic: E2



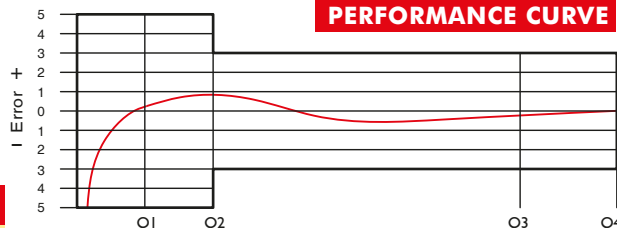
PERFORMANCE DATA

Overload Flowrate	Q4	m ³ /h	3,125	
Permanent Flowrate	Q3	m ³ /h	2,5	
Transitional Flowrate	Q2	m ³ /h	0,040	0,1
Minimum Flowrate	Q1	m ³ /h	0,025	0,0625
Q3/Q1 (MI-001 OIML R49)	-		100	40
Mounting on the network	-		H	V
Maximum Registration Capacity	m ³		9999 / 99999 / 99999,99 / 99999,999	
Initial Flow	Qi	l/h	12	
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	-		10	

PRESSURE LOSS CURVE



PERFORMANCE CURVE



DIMENSIONS

Nominal diameter	DN	15	20	mm
Connecting diameter	D	G 3/4	G 1	B
Total overall meter height	H	107	107	mm
Axis height	h	26.4	26.4	mm
Width	B	80	80	mm
Length	L	110 130	110 130	mm
Length with connections	LB	190 210	190 210	mm
Unit weight		0.86	0.88	kg
Package Weight (without connect)		9.20	9.36	kg
Package Weight (with connect)		10.80	11.26	kg
Package dimensions		22x42x16	22x42x16	cm

