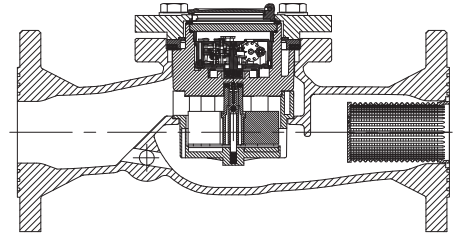


BAYLAN

WATER METERS

TK-7F

Multi jet Dry type Water Meter



GENERAL

- MID Certified
- Reading with reed sensor
- 1 pulse output at 1/10/100 lt
- Multi jet working principle assures a long service time
- Suitable for potable water
- Low pressure loss, high sensitivity at initial flow
- Vacuumed mechanism • 360° rotating lid
- Electrostatic painted body made of GG25
- Available for optical reading
- 3 years of warranty • Non return valve
- Suitable for cold water up to 50°C
- Almost no maintenance
- 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. $> 30^\circ\text{C}$)

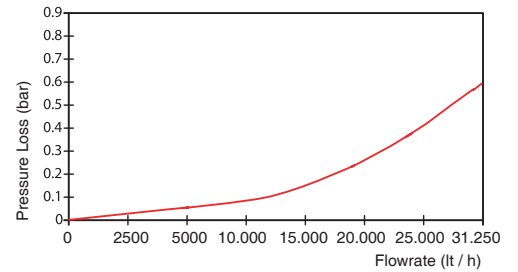
- $Q1 \leq Q < Q2$ Maximum Permissible Error

Class 2 Water Meters; $\% \pm 5$ | Class 1 Water Meters; $\% \pm 3$

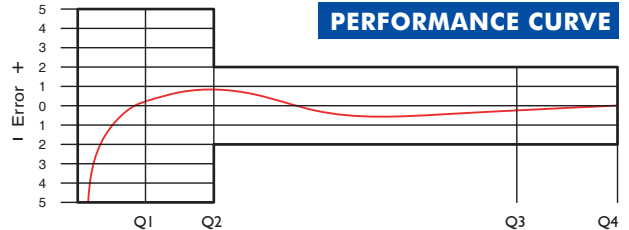
PERFORMANCE DATA

| | | | |
|-------------------------------|----|-------------------|------------------------------|
| Overload Flowrate | Q4 | m ³ /h | 31,25 |
| Permanent Flowrate | Q3 | m ³ /h | 25 |
| Transitional Flowrate | Q2 | m ³ /h | 0,200 |
| Minimum Flowrate | Q1 | m ³ /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 ³ | 0,00005 |
| Class | | | Class 1 / Class 2 |
| Quantity per package | | | 1 |

PRESSURE LOSS CURVE



PERFORMANCE CURVE



DIMENSIONS

| | | | |
|----------------------------------|----|-------------|----|
| Nominal diameter | DN | 50 | mm |
| Connecting diameter | D | 163 (4xM16) | B |
| Total overall meter height | H | 184,3 | mm |
| Axis height | h | 82,5 | mm |
| Length | L | 350 | mm |
| Width | B | 159 | mm |
| Unit weight | | 13,13 | kg |
| Package Weight (without connect) | | 13,55 | kg |
| Package Weight (with connect) | | 17,92 | kg |
| Package dimensions | | 20x37x20 | cm |

