

# BAYLAN

## WATER METERS

### TK-4 RF

### Multi jet Dry type

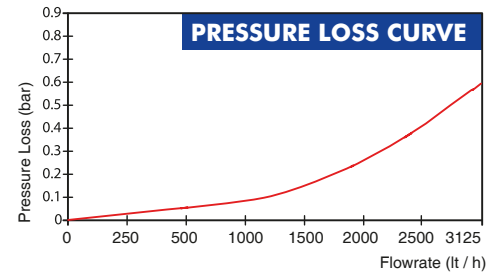
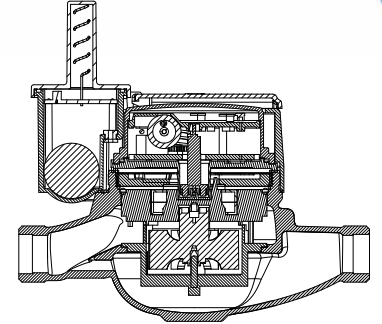
### Water Meter



#### GENERAL

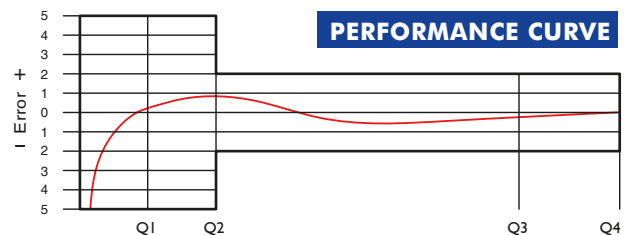
##### LoRa & wM-Bus Smart Water Meter

- Compact design; meter and communication module in the same housing
- Integrated Lora module-chipset allows both LORA and FSK modulation
- Supports LoRaWAN™ - Class A Protocol
- Supports Wireless MBUS Protocol
- Supports LoRaWAN™ and Wireless MBUS Protocols simultaneously (Optional)
- Selectable Frequency Band EU 863-870 Mhz
- Power Supply 3.6V Lithium Battery • MID Certified
- Vacuumed/air-free mechanism suitable for tropical installation conditions
- Electrostatic epoxy painted body made of corrosion-resistant brass alloy
- Multi jet working principle assures a long service time
- Suitable for potable water and cold water up to 50°C
- Low pressure loss, high sensitivity at initial flow
- Special glass with high resistance to pressure and impact
- Star wheels indicator ready for optical pulse read-out
- 3 years of warranty • Integrated strainer and non-return valve
- Almost no maintenance
- Service and spare parts available for 10 years



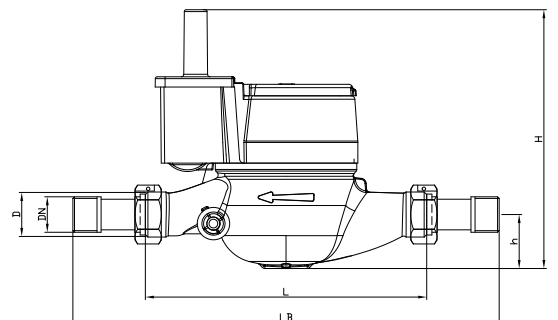
#### PERFORMANCE DATA

Overload Flowrate	Q4	m <sup>3</sup> /h	3,125									
Permanent Flowrate	Q3	m <sup>3</sup> /h	2,5									
Transitional Flowrate	Q2	m <sup>3</sup> /h	0,040	0,032	0,025	0,02	0,016	0,1	0,08	0,0635	0,05	
Minimum Flowrate	Q1	m <sup>3</sup> /h	0,025	0,02	0,0156	0,0125	0,010	0,0625	0,05	0,03968	0,0312	
Q3/Q1 (MI-001 OIML R49)			100	125	160	200	250	40	50	63	80	
Mounting on the network			H					V				
Maximum Registration Capacity			9999 / 99999 / 99999,99 / 99999,999									
Initial Flowrate	Qi	l/h	5									
Maximum Working Pressure		bar	16									
Maximum Working Temperature		°C	50									
Pressure Loss		bar	0,6									
Smallest Reading Resolution		m <sup>3</sup>	0,00005									
Class			Class 1 / Class 2									



#### DIMENSIONS

Nominal diameter	DN	15	mm
Connecting diameter	D	G 3/4	B
Total overall meter height	H	151	mm
Axis height	h	33	mm
Width	B	85	mm
Length	L	165	mm
Length with connections	LB	245	mm
Unit weight		1,21	kg
Package Weight (without connect)		6,81	kg
Package Weight (with connect)		7,56	kg
Quantity per package		5	pcs
Package dimensions		19x54x23	cm



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