

BAYLAN

WATER METERS

ES-12

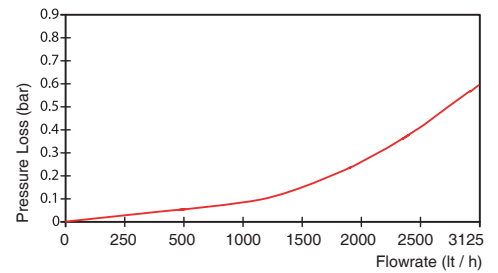
Single jet Dry type Water Meter



GENERAL

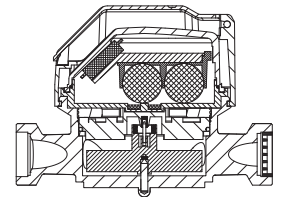
- MID Certified
- Single jet design assures very high sensitivity even at low flows
- Warning features such as reverse flow, stray at plumbing and tampering
- Detecting environment temperature feature
- Pulse output and AMR reading. (Optional)
- Support wired or Wireless M-Bus communication (EN13757). (Optional)
- Wide angle digital screen for easy reading
- IP68 protected electronic circuit and mechanical meter
- Protection against magnetic effect
- Battery life time 10 years. (Optional 15 years)
- Suitable for potable water
- Low pressure loss, high sensitivity at initial flow
- Special glass with high resistance to pressure and impact
- Electrostatic painted body made of corrosion resistant brass
- 360° rotating lid
- 3 years of warranty
- Suitable for cold water up to 50°C
- Service and spare parts available for 10 years

PRESSURE LOSS CURVE

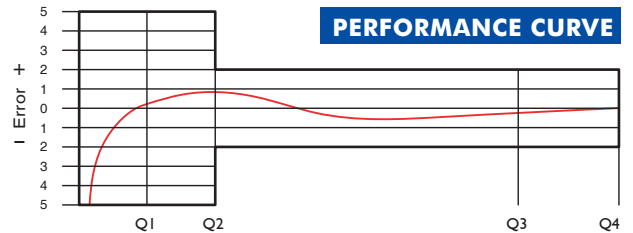


PERFORMANCE DATA

Overload Flowrate	Q4	m³/h	3,125							DN 15
Permanent Flowrate	Q3	m³/h	2,5							
Transitional Flowrate	Q2	m³/h	0,01	0,0127	0,016	0,020	0,025	0,032	0,040	
Minimum Flowrate	Q1	m³/h	0,00625	0,008	0,01	0,0125	0,0156	0,02	0,025	
Overload Flowrate	Q4	m³/h	5							DN 20
Permanent Flowrate	Q3	m³/h	4							
Transitional Flowrate	Q2	m³/h	0,016	0,020	0,0256	0,032	0,040	0,0512	0,064	
Minimum Flowrate	Q1	m³/h	0,01	0,0127	0,016	0,02	0,025	0,032	0,04	
Q3/Q1 (MI-001 OIML R49)	-		400	315	250	200	160	125	100	
Maximum Registration Capacity		m³	999999,99999							
Mounting on the network			Horizontal							
Initial Flow	Qi	l/h	6							
Maximum Working Pressure		bar	16							
Maximum Working Temperature		°C	50							
Pressure Loss		bar	0,6							
Smallest Reading Resolution		m³	0,00001							
Class			Class 1 / Class 2							

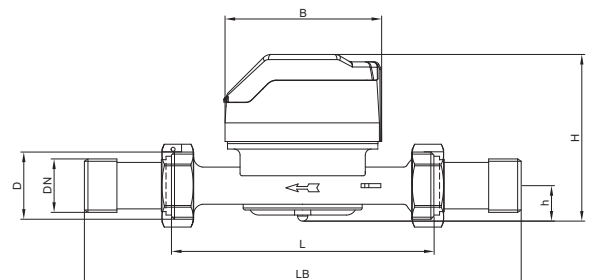


PERFORMANCE CURVE



DIMENSIONS

Nominal diameter	DN	15	20	mm
Connecting diameter	D	G 3/4	G 1	B
Total overall meter height	H	82	82	mm
Axis height	h	19	17	mm
Width	B	78	78	mm
Length	L	110	130	mm
Length with connections	LB	190	210	mm
Unit weight		0,45	0,50	kg
Package Weight (without connect)		5,12	5,76	kg
Package Weight (with connect)		6,72	7,66	kg
Quantity per package		10	10	pcs.
Package dimensions		21x43x17	21x43x17	cm



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