

# BAYLAN

## WATER METERS

### ES-9F

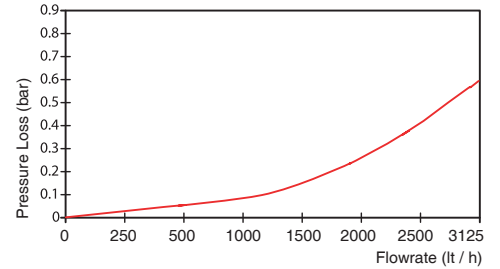
## Multi jet Dry type Water Meter



#### GENERAL

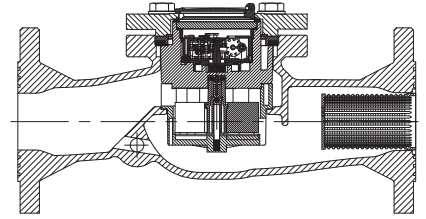
- MID Certified
- Multi jet working principle assures a long service time
- Warning features such as reverse flow, stray at plumbing and tampering
- Detecting environment temperature feature
- Pulse output and AMR reading. (Optional)
- Support wired or Wireless M-Bus communication (EN13757). (Optional)
- 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

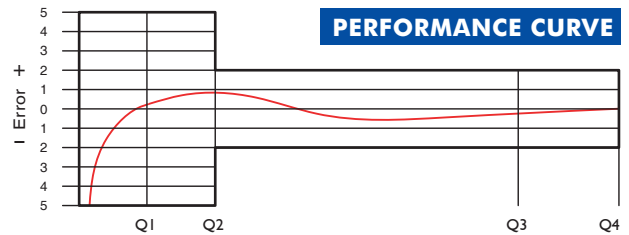


#### PERFORMANCE DATA

Overload Flowrate	Q4	m <sup>3</sup> /h	31,25						
Permanent Flowrate	Q3	m <sup>3</sup> /h	25						
Transitional Flowrate	Q2	m <sup>3</sup> /h	0,1	0,127	0,16	0,2	0,25	0,32	0,40
Minimum Flowrate	Q1	m <sup>3</sup> /h	0,0625	0,0793	0,1	0,125	0,156	0,2	0,25
Q3/Q1 (MI-001 OIML R49)	-		400	315	250	200	160	125	100
Maximum Registration Capacity		m <sup>3</sup>	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		m <sup>3</sup>	0,00001						
Class			Class 1 / Class 2						



#### PERFORMANCE CURVE



#### DIMENSIONS

Nominal diameter	DN	50	mm
Connecting diameter	D	Ø 163	B
Total overall meter height	H	184	mm
Axis height	h	82,5	mm
Width	B	159	mm
Length	L	350	mm
Length with connections	LB	-	mm
Unit weight		13,15	kg
Package Weight (without connect)		13,55	kg
Package Weight (with connect)		18,31	kg
Quantity per package		1	pcs.
Package dimensions		20x37x20	cm

