# Irrigation & Agriculture



Model WMR - Water Meter

The ample space around the core of the in-line helical axial turbine allows foreign matter to pass through the meter without clogging.

Applications

For main supply lines, agriculture and industry

• Available Sizes 2" (50mm)

• Standards EEC (based on ISO 4064:1993)



- Minimum head loss
- High accuracy
- Hermetically sealed register with glass lens
- Optional electrical output: EV (volume), EF (rate of flow) or DIALOG
- Not sensitive to dirt

### **Technical Specifications**

Maximum Working Pressure	16 bar
Maximum Liquid Temperature	55°C
Body	Iron, polyester coated
Connection	2" BSP coupling





WMR type dial

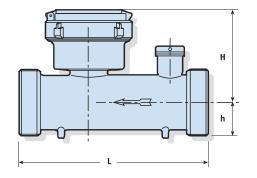
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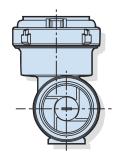


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### **Dimensions**

Mod	WMR		
Nominal size	(mm)	50	
Nominal Size	(inch)	2	
L – Length without	200		
H – Height (mm)		98	
h – Height (mm)	40		
Weight (kg)		2.3	
Weight with coupl	3.7		

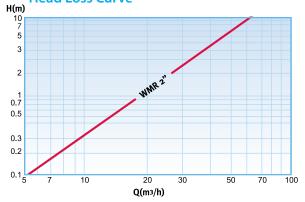




#### **Performance data:**

	del MR	<b>Qmax</b> Maximum	<b>Qn</b> ISO 4064	<b>Qn</b> Nominal	<b>Qt</b> Transitional	<b>Qmin</b> Minimum	Starting Flow	<b>Maximum</b> register	Smallest readable	Accuracy between	Accuracy between
Nomin (mm)	nal size	flowrate (m3/h)	(m3/h)	Flowrate (m3/h)	Flowrate (m3/h)	Flowrate (m3/h)	(m3/h)	capacity (m3)	<b>unit</b> (liter)	Qmax & Qt	Qt & Qmin
50	2	40	15	20	2	0.45	0.15	10 <sup>6</sup>	1	±2%	±5%

#### **Head Loss Curve**



## **Installation Requirements**

- The water meter may be installed in any position. For non-horizontal position the flow shall be upwards.
- The meter shall be full of water while operating.
- Prior to installation of a meter the pipeline shall be thoroughly flushed.
- Straight pipe section of the same diameter D as the meter, having lengths of 10D and 5D shall be installed upstream and downstream of the meter respectively.



