Model BM

The BM hydrometers series are designed for remote control irrigation and for industrial applications. The hydrometer is especially suited for automated operation.

Compact

Reliable

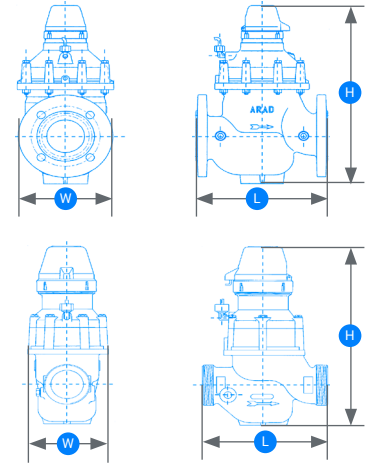**Robust**

/ Benefits & Features

- ✓ The hydrometer may be used in a variety of pressure and flow regulation applications
- ✓ Double-chambered hydraulic valve designed for high-pressure operation
- ✓ Enablse remote and automatic transmission of hydraulic commands

/ Specifications & Recommendations

→ **Maximum Working Pressure:** 16 bar

→ The meter should be installed in horizontal or vertical position

→ The meter must be always full of water while operating

→ Prior to the installation of a new meter, the pipeline must be flushed out

→ TECHNICAL DIMENSIONS

NOMINAL SIZE	(MM)	40	50	80	100	150	200
	(INCH)	1½	2	3	4	6	8
L - LENGTH (MM)		160	190	285	324	500	600
H - HEIGHT (MM)		266	331	433	456	581	782
H - (MM)		-	-	-	-	-	-
A - (MM)		-	-	-	-	-	-
W - WIDTH (MM)		124	124	205	230	380	450
WEIGHT (KG)		4.5	6.5	24.5	30.5	120	150
WEIGHT WITH COUPLINGS (KG)		5.5	8	-	-	-	-

→ PERFORMANCE DATA

NOMINAL SIZE (MM)	(INCH)	QMAX MAXIMUM FLOWRATE (M³/H)	QN NOMINAL FLOWRATE (M³/H)	QT TRANSITIONAL FLOWRATE (M³/H)	QMIN MINIMUM FLOWRATE (M³/H)	MINIMUM REGISTER CAPACITY (M³/H)	MINIMUM REGISTER CAPACITY (LITER)	ACCURACY BETWEEN QMAX & QT	ACCURACY BETWEEN QT & QMIN
40	1½	30	20	1.3	0.4	10^6	1		
50	2	50	30	3	0.45	10^6	1		
80	3	130	65	8	1.2	10^6	1	±2%	±5%
100	4	200	100	12	1.8	10^7	10		
150	6	300	150	30	4.5	10^7	10		
200	8	540	270	50	7.5	10^7	10		

→ HEAD LOSS

Q (m³/h)