

ARAD™

Woltman Type Mechanical Register

Exceptionally accurate Woltman meters with top of line performances, suitable for a wide range of applications and flow measurements.



STANDARD MODEL



Accurate



Durable



Remarkable

Benefits & Features

- ✓ Only the impeller is in constant contact with the water
- ✓ Extremely resistant to any working conditions
- ✓ Available with all required pulse rates

Specifications & Recommendations

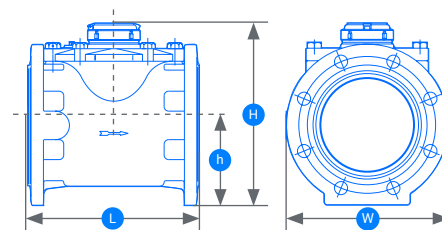


WMR MODEL

- **Maximum Working Pressure:** 160 m
- **Maximum Working Temperature:** 60°C
- The meter shall be full of water while operating.
- Prior to installation of a meter, the pipeline shall be thoroughly flushed
- **Requirements for straight pipe section:** D5 / D3

→ TECHNICAL DIMENSIONS

DIAMETER	MM	50*	50	65	80	100	150	200	250	300
L - LENGTH (MM)		200	200	200	230	250	300	350	450	500
W - WIDTH (MM)		98	165	185	200	220	283	340	406	489
H - HEIGHT (MM)		40	239	254	259	275	344	377	463	505
h - HEIGHT (MM)		2.3	70	84	90	106	130	158	258	330
WEIGHT (KG)		3.7	12.5	15	15.5	19	35.5	41	80	95

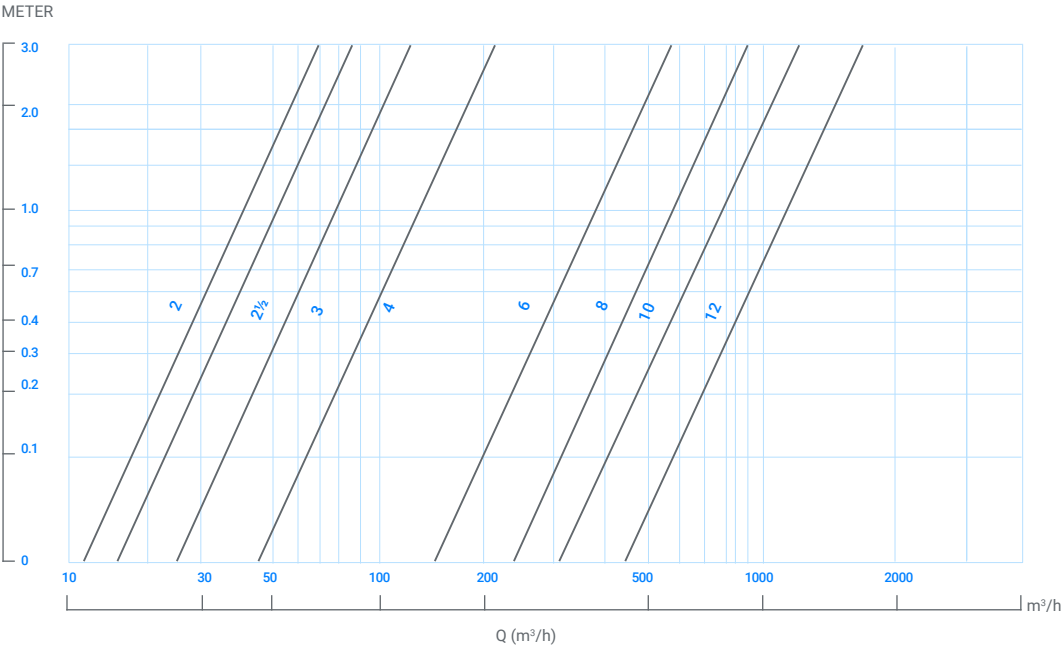


→ PERFORMANCE DATA

	Q1 MINIMUM FLOWRATE (M³/H)	Q2 TRANSI- TIONAL FLOWRATE (M³/H)	Q3 NOMINAL FLOWRATE (M³/H)	Q4 MAXIMUM FLOWRATE (M³/H)	STARTING FLOW (M³/H)	MAXIMUM REGISTER CAPACITY (M³/H)	R Q3/ Q1	ACCURACY BETWEEN Q4 & Q2	ACCURACY BETWEEN Q2 & Q1
50*	0.45	2	20	40	0.15	10 ⁶	44.4	±2%	±5%
50	0.63	1.01	63	78.75	0.15	10 ⁶	100		
80	1	1.6	100	125	0.25	10 ⁶			
100	1.6	2.56	160	200	0.3	10 ⁷ /10 ⁶			
150	2.5	4	250	312.5	0.8	10 ⁷ /10 ⁶			
200	12.6	20.16	630	787.5	2	10 ⁸	50		
250	20	32	1000	1250	3	10 ⁸			
300	20	32	1000	1250	4	10 ⁸			

* Referring to WMR model

→ HEAD LOSS



* Additional diameters, flange types and pulse resolutions available upon request