



Mechanical Rotary Wing Water Meter

Innovating Measurement Professional Smart
Meter Manufacturer



► Technical Features

- Relatively low cost
- Compact structure, high measurement accuracy, good stability
- Starting traffic $\leq 2L$, can effectively prevent the problem of “stealing water”
- High antifouling and adaptability
- Check valves can be installed as needed to prevent backflow problems
- The table can be reserved with magnetic or non-magnetic signaling pointer,config-
- ure various remote transmission modules according to different requirements, and realize data transmission(pulse、LoRa、NB-IOT).

► Technical Specifications

Project	Unit	Parameter				
Nominal Diameter	mm	15	20	25	32	40
Range Ratio		R160				
Overload flow Q4	m ³ /h	3.125	5	7.875	12.5	20
Common flow Q3		2.5	4	6.3	10	16
Demarcation flowQ2		0.025	0.04	0.063	0.1	0.16
Minimum flowQ1		0.016	0.025	0.039	0.063	0.100
Level of accuracy		Class B				
Maximum reading		99999m ³				
Temperature level		T30				
Pressure Level		MAP10				
Pressure loss level		$\Delta P63$				
Flow profile sensitivity		U10/D5				

Nominal Diameter	L1	L	B	H	H2	Connection thread	
mm						D	d
15	165	259	98	108	113	$G\frac{3}{4}B$	$R\frac{1}{2}$
20	195	299	98	110	115	G1B	$R\frac{3}{4}$
25	225	345	103.5	115	123	$G1\frac{1}{4}B$	$R1$
32	230	373	103.5	115	120	$G1\frac{1}{2}B$	$R1\frac{1}{4}$
40	245	446	125	156	160	G2B	$R1\frac{1}{2}$

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