



# Type MT-EX-D 15-40 Fan-wheel Dry-dial Water Meter



**UTATIP METERTEK DUAS**  
SOLUSI METER & FLOW METER



**DN 15, 20, 32**



**DN 40**

### Special features :

- Max. flowrate  $Q_{max}=2Q_n$  ( $Q_n$ =Nominal flowrate).
- Large measuring range, high flow accuracy, straight reading.
- Steady curve characteristics.
- Performance is up to standard ISO 4064B.

### Meter design :

- Solid and robust design, long service guaranteed.
- Selected high quality materials guarantee absolute corrosion resistance.
- 2 Pole ring magnet polymer coating as protection against deposits.
- Universal interchangeable measuring insert.
- Meter fitted with strainer on inlet to protect against dirt, cleaning without breaking the seal is possible.
- Dia. 15-40mm with whitworth pipe thread.
- Vacuum register.
- Anti-magnet mechanism.
- Outer calibration device.

### Working condition :

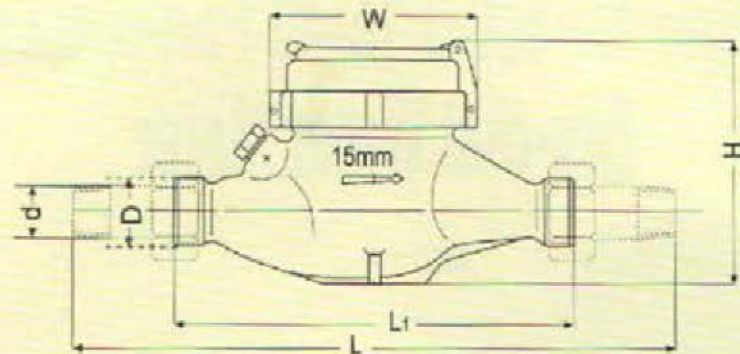
- Water temperature :  $\leq 30^\circ \text{C}$
- Water pressure :  $\leq 1 \text{MPa}$

### Metrological data :

Meter Size DN (mm)	Nominal flowrate	Transitional flowrate		Minimum flowrate		Max. reading	Min. reading
	$Q_n$	$Q_t$		$Q_{min}$			
	$\text{m}^3/\text{h}$	$\leq \text{m}^3/\text{h}$					
		A	B	A	B		
15	1.5	0.15	0.12	0.045	0.03	99999.9999	0.0001
20	2.5	0.25	0.20	0.075	0.05		
25	3.5	0.35	0.28	0.105	0.07		
32	5	0.60	0.48	0.180	0.12	99999.999	0.001
40	10	1.00	0.80	0.300	0.20		

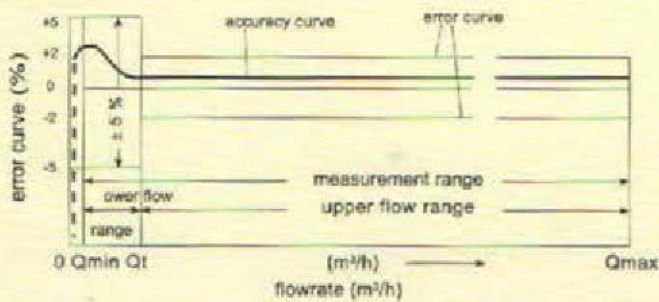
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## Dimensions and Weights

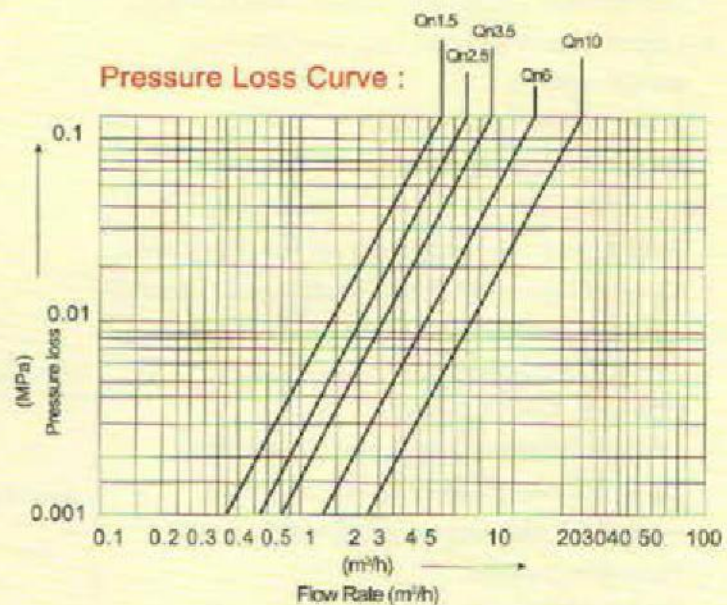


Description			Meter Size DN in mm				
			15	20	25	32	40
Length	L	mm	260	294	310	384	428
	L <sub>1</sub>	mm	165	190	190	260	300
Width	W	mm	98	98	103	103	135
Height	H	mm	115	114	125	127	153
Connecting thread	d		R 1/2	R 3/4	R 1	R 1 1/4	R 1 1/2
	D		G 3/4"	G 1"	G 1 1/4"	G 1 1/2"	G 2"
Weight		kg	1.7	2	2.5	3.3	5.8

## Feature Curve Diagram Flow Error Curve



## Pressure Loss Curve :



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