

Single Jet Dry Type Water Meter

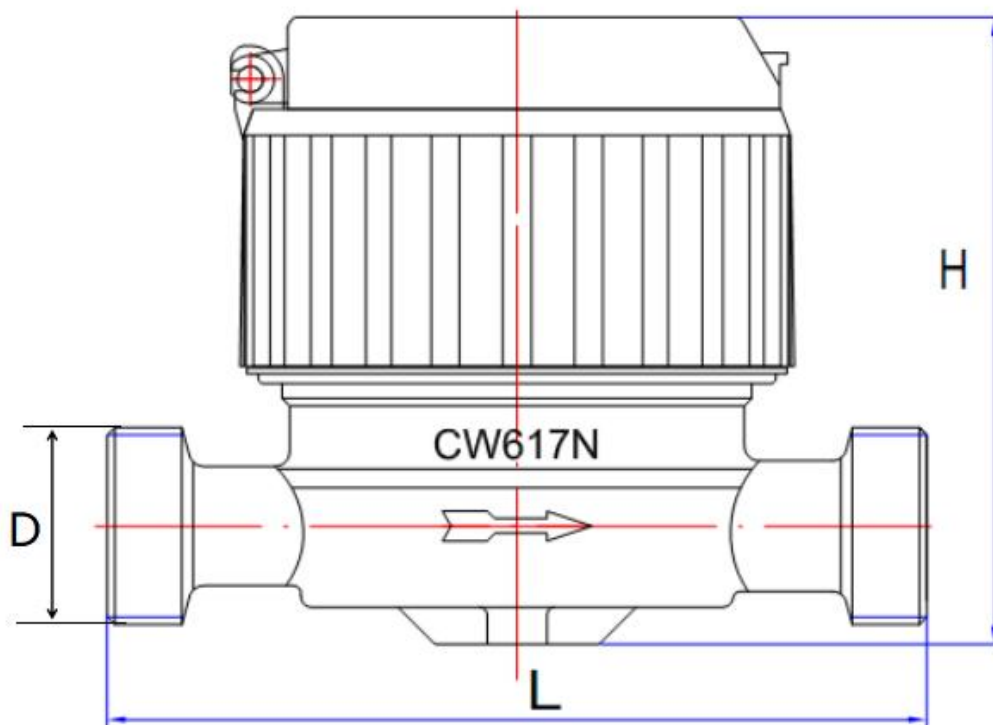
GENERAL

- Single jet working principle assures a long service time
- IP68 protection with copper / stainless steel register cup
- Tampered glass with high resistance to pressure and impact available
- Electrostatic painted body made of corrosion resistant brass
- Protection against external magnetic fields
- Available for optical reading • 360° rotating dial
- Pulse output and AMR reading features are optional
- Non return valve and filter available
- Suitable for potable water, cold water up to 50°C
- Almost no maintenance • Vacuumed mechanism
- Low pressure loss, high sensitivity at initial flow



Dimension

Size	DN15	DN20
L	110/115	115/130
D	3/4"	1"
H	84.5	84.5



Technical Data

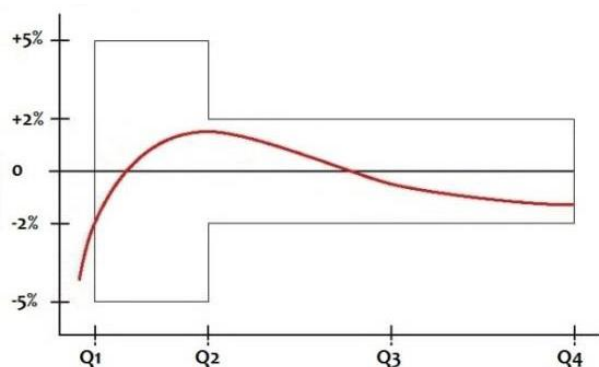
Size			DN15	DN20	DN15	DN20
Overload Flow rate	Q4	m3/h	3.125	5	3.125	5
Permanent Flow rate	Q3	m3/h	2.5	4	2.5	4
Transitional Flow rate	Q2	l/h	25	40	20	32
Minimum Flow rate	Q1	l/h	15.625	25	12.5	20
Initial Flow Rate	Qi	l/h	6	8	6	8
Q3/Q1 (OIML R49)			R160		R200	
Mounting on the network			Horizontal			
Max. Reading		m3	99999.9999			
Min. Reading		Liter	0.05			
Max. Working Pressure		bar	16			
Max. Working Temperature		°C	T30 or T50			
Pressure Loss		bar	0.63			

Accuracy

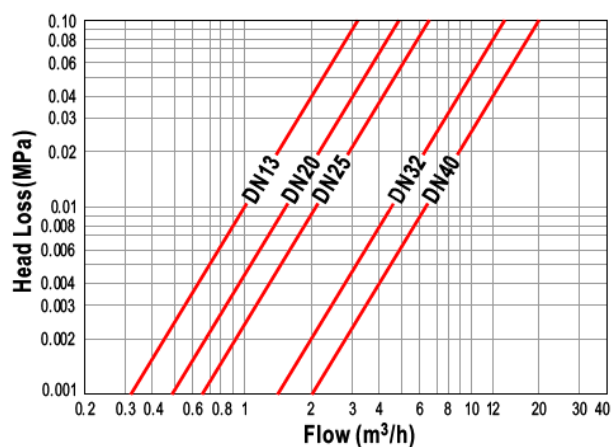
From Q1 inclusive up to but excluding Q2 is $\pm 5\%$;

From Q2 inclusive up to and including Q4 is $\pm 2\%$ for T30 and $\pm 3\%$ for T50;

Error Curve



Pressure Loss Curve



Installation

- The meter should be installed in HORIZONTAL position with the direction of the flow as indicated by the arrow cast on the meter body with register face upwards
- Pipeline must be cleaned before installation;
- The meter should be constantly full of water during operation;
- BMAG suggest to install the water meter as follows and in the water meter box

