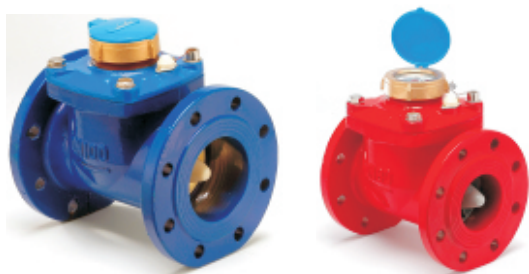


DN50~250 Flanged Connection

C.I. BODY WOLTMAN TYPE **COLD** & **HOT**



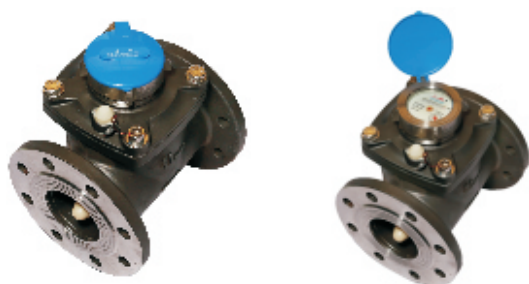
DN300~500 Flanged Connection

C.I. BODY WOLTMAN TYPE **COLD**



DN50~150 Flanged Connection

S.S. 316 WOLTMAN TYPE **HOT** & **COLD**



DN50~300 Flanged Connection

C.I. BODY WOLTMAN TYPE **COLD** & **HOT**
RAW / IRRIGATION



Removable Mechanism Woltman Water Meter

Horizontal Helix Turbine, Removable Mechanism, Woltman Water Meter for Industrial and Irrigation application. Sizes : 40mm upto 500mm dia. for cold water.

Features:

- Magnetic Drive.
- Magnetic Shield, protection from external magnetic influence.
- Vacuum sealed dry dial register to ensure clear reading.
- The Body is made of Cast Iron coated with Epoxy paint.
- The measuring mechanism can be removed from the body for checking, mainting and replacing, without removing the body from the pipe.
- Low pressure loss, long working life.

Standards Compliance:

- ISO 4064 Class B accuracy.

Optional Features:

- MOC Body : Ductile Iron, Stainless Steel.

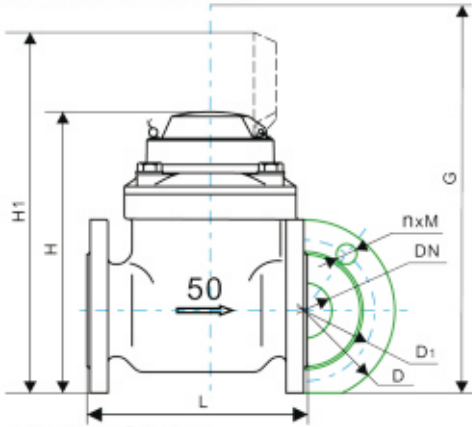
Working Conditions:

- Water Temperature : $\leq 40^{\circ}\text{C}$ / 90°C .
- Water Pressure : 1.6 MPa.

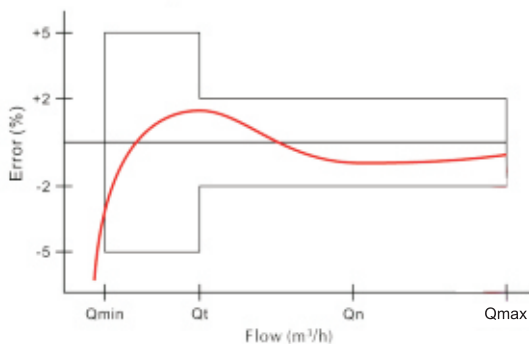
Installation Requirements

- The meter can be installed in any Position with the direction of the flow as indicated by the arrow casted on the meter body, with the register facing upwards.

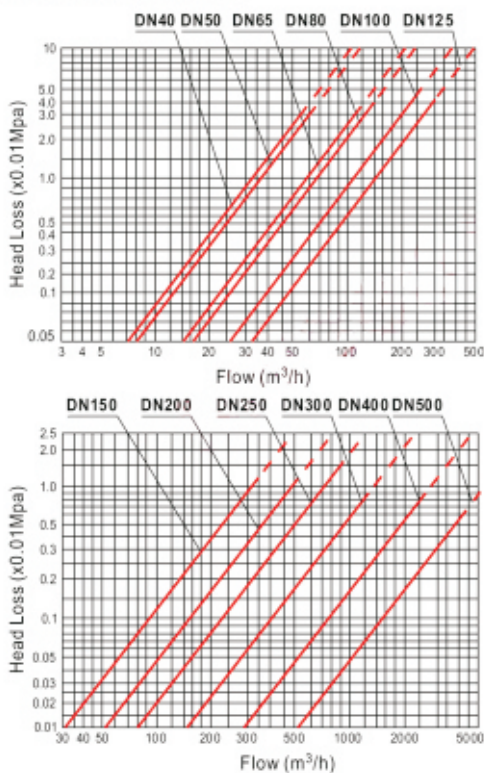
Dimension Picture



Accuracy Curve



Head Loss Curve



Dimensions and Weights for pressure rating PN 10

Nominal Diameter		40	50	65	80	100	125	150	200	250	300	400	500
Length mm	L	260	200	200	225	250	250	300	350	450	500	600	800
Outside Diameter mm	D	150	165	185	200	220	250	285	340	395	445	565	670
Pitch Circle Diameter mm	D1	110	125	145	160	180	210	240	295	350	400	515	620
Connecting Bolt Qty.	n x M	4 x M 16			8 x M 16			8 x M 20			12 x M 20		
Meter Weight	Kg		12	13	16	18	20	42	64	94	114	199	340
Body Weight	Kg		8.9	10.1	11.5	13.9	18.8	29.6	43	74.4	93	159	290

Main Technical Data

Nominal Diameter		40	50	65	80	100	125	150	200	250	300	400	500
Maximum Flow Rate m³/h	Qmax	20	30	50	80	120	200	300	500	800	1200	2000	3000
Nominal Flow Rate m³/h	Qn	10	15	25	40	60	100	150	250	400	600	1000	1500
Transitional Flow Rate m³/h	Qt	3.0	3.0	5.0	8.0	12	20	30	50	80	120	200	300
Minimum Flow Rate m³/h	Qmin	0.7	0.45	0.75	1.2	1.8	3.0	4.5	7.5	12	18	30	45
Maximum Reading m³		999999.999			9999999.99			99999999.9			999999999.9		
Minimum Reading m³		0.001			0.01			0.1					

Description of the Register

Nominal diameter		DN 40 to 125	DN150 to 250	DN 300 to 500
Number of Black Numbered Roller		6	7	7
Number of Red Numbered Roller		1	0	0
Number of Black Pointer		0	0	0
Number of Red Pointer		1	1	2
Maximum Reading m³		999999.99	999999.99	9999999.99
Minimum Reading m³		0.01	0.1	0.1
Minimum Graduation L		1	10	100

Maximum Permissible Error

Cold Water:

In the lower zone from Qmin inclusive up to but excluding Qt is $\pm 5\%$.

In the upper zone from Qt inclusive up to and including Qmax is $\pm 2\%$.

Hot Water:

In the lower zone from Qmin inclusive up to but excluding Qt is $\pm 5\%$.

In the upper zone from Qt inclusive up to and including Qmax is $\pm 3\%$.