



**HORIZONTAL WOLTMANN DETACHABLE MAGNET-DRIVE
DRY-DIAL WATER METER**

Medidor de Agua, Horizontal y
Desmontable, registro seco, Tipo Woltmann

LXLG - 50 ~ 500

Feature:

- Dry-dial, magnetic drive
- Vacuum sealed register ensures the dial kept free from fog and keep the reading clear in a long term service
- Selected high quality materials for steady & reliable characteristic
- Measuring accuracy conform to ISO 4064 B Standard
- Low head loss
- Register for universal use within this range detachable, without removing the meter from the pipeline for a easy maintenance and replacement

Características:

- Registro seco, transmision magnetica
- El registro sellado vacio puede evitar el problema de condensacion
- Seleccion de material de alta calidad que deja estable y segura la funcion
- La precision de medicion esta conforme a la norma ISO 4064 clase B
- Baja perdida de presion
- Sin necesidad de desmontar el medidor de agua desde tuberia, sino solo abre la tuerca superior de flange y saca el registro para la reparacion o reemplazo. Uso universal el registro. Facil mantenimiento y reparacion



This range of water meter is used to measure the total quantity of cold water which consumed in industrial enterprise & mining, passing through the pipeline.

Esta serie de medidores de agua disenada para la medicion del consumo total de agua fria pasada por la tuberia de agua potable en las industrias y minas.

Compliance with standard: ISO 4064 Class B
Conforme a la norma : ISO 4064 Class B

★ **MAIN TECHNICAL DATA** *Especificaciones técnicas*

Meter Size Dia DN (mm)	Class	Qs	Qp	Qt	Qmin	Starting Flow	Min Reading lectura	Max Reading lectura
		Overload Flow	Nominal Flow	Transitional Flow	Min Flow			
					m ³ /h	l/h	m ³	
50	B	30	15	3	0.45	150	0.01	9999999
65	B	50	25	5	0.75	170	0.01	9999999
80	B	80	40	8	1.2	280	0.01	9999999
100	B	120	60	12	1.8	400	0.01	9999999
125	B	200	100	20	3	800	0.01	9999999
150	B	300	150	30	4.5	1200	0.01	9999999
200	B	500	250	50	7.5	2250	0.01	9999999
250	B	800	400	80	12	2500	0.01	9999999
300	B	1200	600	120	18	7000	0.01	9999999
400	A	2000	1000	300	80	15000	0.01	9999999
	B			200	30			
500	A	3000	1500	450	120	20000	0.01	9999999
	B			300	45			

★ **INDICATING ERROR**

At low zone is $\pm 5\%$ from minimum flow rate (q_{min}) to transitional flow rate (q_t) exclusive boundary

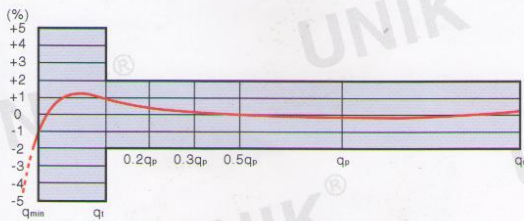
At high zone is $\pm 2\%$ from transitional flow rate (q_t) to overload flow rate (q_s)

★ **ERROR MAXIMO PERMITIDO**

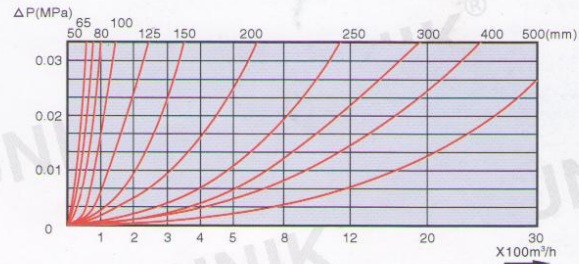
De caudal minimo a caudal de transicion excluido $\pm 5\%$

De caudal de transicion a caudal sobre carga incluido $\pm 2\%$

★ **FLOW-ERROR CURVE**
(Grafico de precision de caudal)

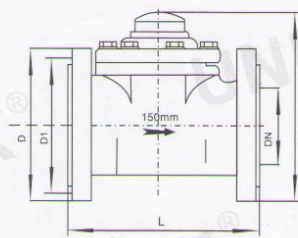


★ **HEAD LOSS CURVE**
(Grafico de perdida de carga)



★ **DIMENSIONS AND WEIGHT** (*Dimension y peso*)

Meter Size Dia DN (mm)	Length L	Width B	Height H	Connecting Flange			Weight Kg
	mm			D(mm)	Bolt Circle dia D1(mm)	Connecting Bolt dia (Pcs)	
50	200	175	250	165	125	4xM16	12
65	200	185	255	185	145	4xM16	13
80	225	200	265	200	160	8xM16	15
100	250	220	275	220	180	8xM16	19
125	250	245	285	245	210	8xM16	22
150	300	285	375	285	240	8xM20	47
200	350	345	400	340	295	8xM20	48
250	450	395	484	395	350	12xM20	110
300	450	445	506	445	400	12xM20	115
400	500	565	621	565	515	16xM24	180
500	500	670	725	670	620	20xM24	330



★ **Working Condition:**

Water temperature: $\leq 40^\circ\text{C}$
Working pressure: $\leq 1.0\text{MPa}$
 $\leq 1.6\text{MPa}$

★ **Condicion de trabajo:**

Temperatura maxima de agua: $\leq 40^\circ\text{C}$
Presion maxima de agua: $\leq 1.0\text{MPa}$
 $\leq 1.6\text{MPa}$