



KOMAX

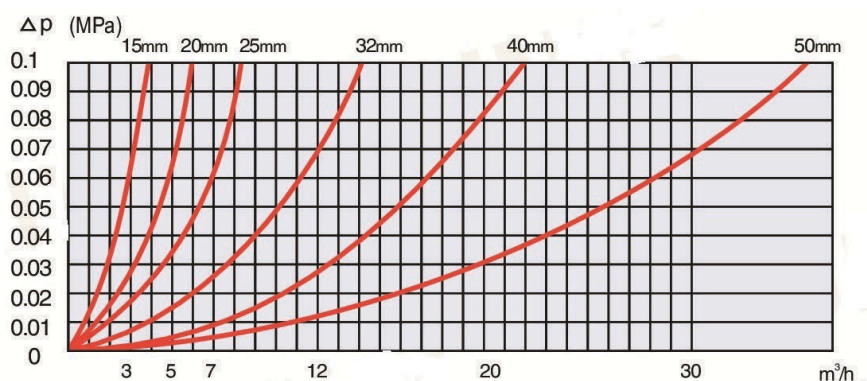
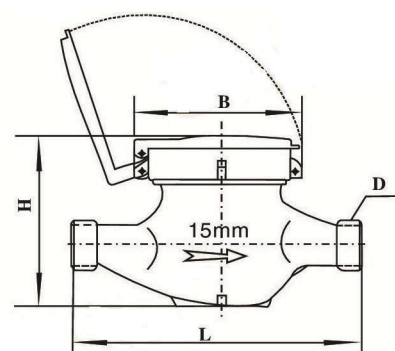
MAIN TECHNICAL DATA

Meter size Dia DN (mm)	Class	q _s Overload Flow	q _p Nominal Flow	q _t Transitional Flow	q _{min} Min. Flow	Starting Flow	Min. Reading lectura	Max. Reading lectura
		m ³ /h		1/h			m ³	
15	B	3	1.5	120	30	16	0.0001	99.999
20	B	5	2.5	200	50	18	0.0001	99.999
25	B	7	3.5	280	70	23	0.0001	99.999
32	B	12	6.0	480	120	30	0.0001	99.999
40	B	20	10	800	200	60	0.0001	99.999
50	B	30	15	3000	450	70	0.0001	99.999

Especificaciones técnicas

HEAD LOSS CURVE

(Grafico de perdida de carga)



DIMENSIONS AND WEIGHT (Dimension y peso)

Meter Size dia DN (mm)	L Length	B Width	H Height	Connecting Thread D	Weight Kg
	mm				
15	165/190	99	104	G ³ / ₄ B	1.5/1.6
20	190/195	99	106	G1B	1.7
25	260/225	104	120	G1 ¹ / ₄ B	2.6/2.4
32	260/230	104	120	G1 ¹ / ₂ B	2.8/2.7
40	300/245	125	155	G2B	5.4/4.5
50	300	125	155	G2 ¹ / ₂ B	7.2
	280	165	175	Flange connecting conform to BB4216.4 D=165 D1=125	14

INDICATING ERROR

At low zone is $\pm 5\%$ from minimum flow rate (q_{min}) to transitional (q_t) exclusive boundary
At high zone is $\pm 3\%$ from transitional flow rate (q_t) to overload flow rate (q_s)

FLOW - ERROR CURVE

(Grafico de precision de caudal)

ERROR MAXIMO PERMITIDO

De caudal minimo a caudal de transicion
excluido $\pm 5\%$
De caudal de transicion a caudal sobre
carga incluido $\pm 3\%$

WORKING CONDITION

Water temperature: $\leq 90^\circ\text{C}$
Working pressure: 1, $\leq 1.6\text{MPa}$

CONDITION DE TRABAJO

Temperatura maxima de agua: $\leq 90^\circ\text{C}$
Presion maxima de agua: 1, ≤ 16

INSTRUCTION SHEET

HORIZONTAL REMOVABLE WOLTMAN HOT WATER METER

model: KM 50 ~ 300

Product Information

Feature:

1. Vacuum sealed register ensure the dial kept free from fog and keep the reading clear in a long term service.
2. Selected high quality materials Steady & reliable characteristic.
3. Measuring accuracy con form to ISO 4064 class B Standard.
4. Register for universal use within this range detachable without removing the meter from the pipeline for a easy maintenance and replacment.

Description:

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

Working condition:

Water temperature: ≤ 90

Working pressure: $\leq 1\text{MPa}$



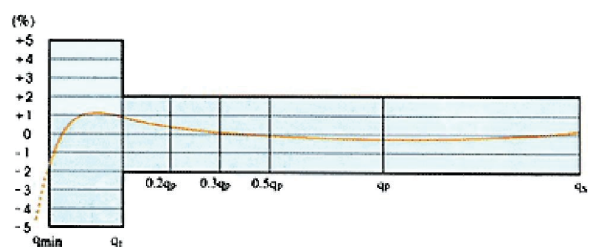
MAIN TECHNICAL DATA

Meter Size (mm)	Meter Size (mm)	Overload Flow	Nominal Flow	Transitional Flow	Min Flow	Min. Reading lectura	Max. Reading lectura
						m ³	
50	A	30	15	4.5	1.2	0.01	999.999
	B			3	0.45		
65	A	50	25	7.5	2	0.01	999.999
	B			5	0.75		
80	A	80	40	12	3.2	0.01	999.999
	B			8	1.2		
100	A	120	60	18	4.8	0.01	999.999
	B			12	1.8		
125	A	200	100	30	8	0.01	999.999
	B			20	3		
150	A	300	150	45	12	0.1	999.999
	B			30	4.5		
200	A	500	250	75	20	0.1	999.999
	B			50	7.5		
250	A	800	400	120	32	0.1	999.999
	B			80	12		
250	A	1200	600	180	48	1	999.999
	B			120	18		

DIMENSIONS AND WEIGHT

Meter Size	Length	Width	Height	Connecting thread			Weight (Kg)
	mm			D	Bolt Circle dia	Connecting Bolt dia	
50	200	175	250	165	125	4-M16	12
65	200	185	255	185	145	4-M16	13
80	225	200	265	200	160	8-M16	15
100	250	220	275	220	180	8-M16	19
125	250	245	285	245	210	8-M16	22
150	300	285	310	285	240	8-M20	28
200	350	245	370	340	295	8-M20	42
250	400	395	420	395	350	12-M20	80
300	450	490	660	445	400	12-M20	115

Flow Error Curve



Pressure Loss Curve

