



**KOMAX**

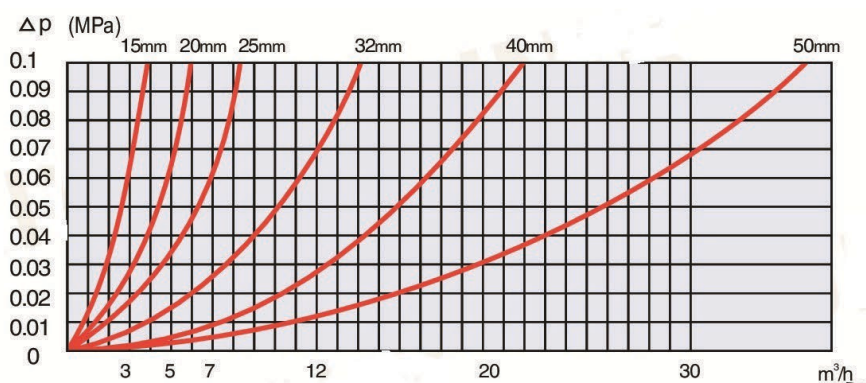
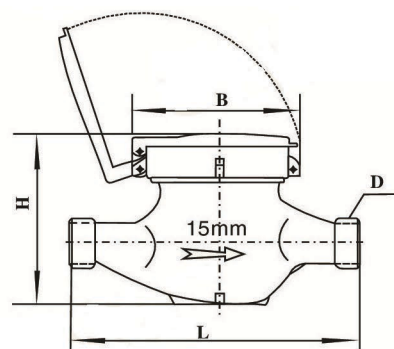
## MAIN TECHNICAL DATA

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 <sup>3</sup> /h		1/h				
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 <sup>3</sup> / <sub>4</sub> B	1.5/1.6
20	190/195	99	106	G1B	1.7
25	260/225	104	120	G1 <sup>1</sup> / <sub>4</sub> B	2.6/2.4
32	260/230	104	120	G1 <sup>1</sup> / <sub>2</sub> B	2.8/2.7
40	300/245	125	155	G2B	5.4/4.5
50	300	125	155	G2 <sup>1</sup> / <sub>2</sub> B	7.2
	280	165	175	Flange connecting conform to BB4216.4 D=165 D1=125	14

### INDICATING ERROR

At low zone is ±5% from minimum flow rate ( $q_{min}$ ) to transitional ( $q_t$ ) exclusive boundary  
At high zone is ±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 ±5%  
De caudal de transicion a caudal sobre carga incluido ±3%

### WORKING CONDITION

Water temperature: ≤90°C  
Working pressure: 1, ≤1.6MPa

### CONDITION DE TRABAJO

Temperatura maxima de agua: ≤90°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 conform 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:  $\leq 90$

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



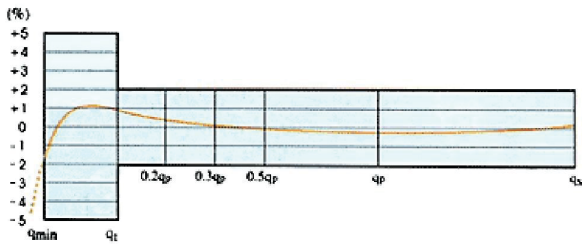
## MAIN TECHNICAL DATA

Meter Size (mm)	Meter Size (mm)	Overload Flow	Nominal Flow	Transitional Flow	Min Flow	Min. Reading lectura	Max. Reading lectura
						m <sup>3</sup> /h	
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

