REMOVABLE ELEMENT WOLTMAN WATER METER

SINTEK

APPLICATION:

Measuring the volume of cold potable water passing through the pipeline.

FEATURES:

Removable element for facilitating installation and maintenance.

Hermetically sealed register, magnetic transmission (magnetic coupling)

Totalizer has big and clear numerals, long term clear reading, inter-exchangeable parts, low driving resistance.

Reliable sensitive action, small pressure loss, long working life, nice looking etc.

Reed switch signal output is available.

Available in **cubic meter, US gallon and cubic feet** in measuring unit.

Flow Sensor: A small rotating "star" in the center of the dial plate helps to detect even the smallest flow through the meter.

INSTALLATION REQUIREMENTS:

Thoroughly flush the service line upstream of the meter to remove dirt and debris before water meter installation.

Meter shall be full of water at flow measuring.

Install meter in the line with straight pipe 5xDN length at up stream and 3XDN at down stream.

WORKING CONDITION:

Water temperature: ≤40 for cold water meter

≤90 for hot water meter

Water pressure: ≤1Mpa or 1.6Mpa optional

(10bar or 16bar optional)

MAXIMUM PERMISSIBLE ERROR:

In the lower zone from Q_{min} inclusive up to but excluding Q_t is ±5%

In the upper zone from Q_t inclusive up to and including Q_s is ±2%

NOTE:

Technical data conform to International Standard ISO4064.

MAIN TECHNICAL DATA

Type	Size(mm)	Class	q_s Max Flow	q_p Nominal Flow	q_t Transitional Flow	q_{min} Min.Flow	Min. Reading	Max. Reading
			m^3/h				m^3	
6060A09-S	50	A	30	15	4.5	1.2	0.01	999999
		B			3.0	0.45		
6060A10-S	65	A	50	25	7.5	2.0	0.01	999999
		B			5	0.75		
6060A11-S	80	A	80	40	12	3.2	0.01	999999
		B			8.0	1.2		
6060A12-S	100	A	120	60	18	4.8	0.01	999999
		B			12	1.8		
6060A13-S	125	A	200	100	30	8	0.01	999999
		B			20	3		
6060A14-S	150	A	300	150	45	12	0.1	9999999
		B			30	4.5		
6060A16-S	200	A	500	250	75	20	0.1	9999999
		B			50	7.5		
6060A18-S	250	A	800	400	120	32	1	99999999
		B			80	12		
6060A20-S	300	A	1200	600	180	48	1	99999999
		B			120	18		
6060A24-S	400	A	2000	1000	300	80	1	99999999
		B			200	30		
6060A28-S	500	A	3000	1500	450	120	1	99999999
		B			300	45		

DIMENSIONS AND WEIGHT

Type	Size	Length	Height	G	Connecting flange			Weight
	mm				D Outer dia.	D1 Bolt cirle dia.	Connecting Bolt pcs	kg
6060A09-S	50	200	255.8	400	165	125	4-M16	12
6060A10-S	65	200	242	360	185	145	4-M16	13
6060A11-S	80	225	275.8	400	200	160	8-M16	16
6060A12-S	100	250	285.8	400	220	180	8-M16	19
6060A13-S	125	250	275	360	250	210	8-M16	20
6060A14-S	150	300	345.3	500	285	240	8-M20	42
6060A16-S	200	350	372.5	500	340	295	8-M20	64
6060A18-S	250	450	492.8	730	395	350	12-M20	94
6060A20-S	300	500	515.8	730	445	400	12-M20	114
6060A24-S	400	600	630.8	830	565	515	16-M24	199
6060A28-S	500	800	738.5	931	620	620	20-M24	340

NOTE: The flange dimension conform to National Standard GB4216.4-84. Please note special dimensions when order.

FLOW ERROR CURVE
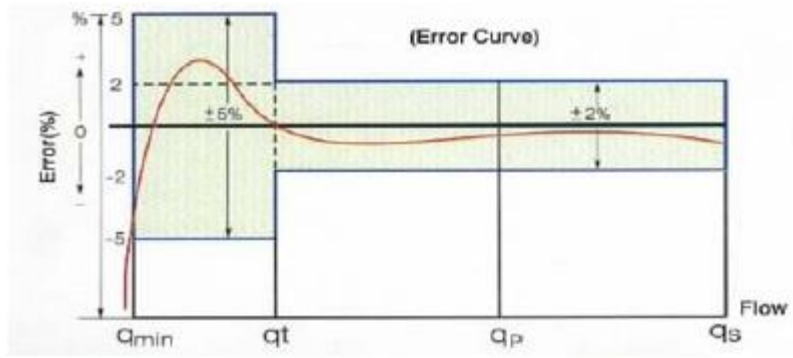
PRESSURE LOSS CURVE
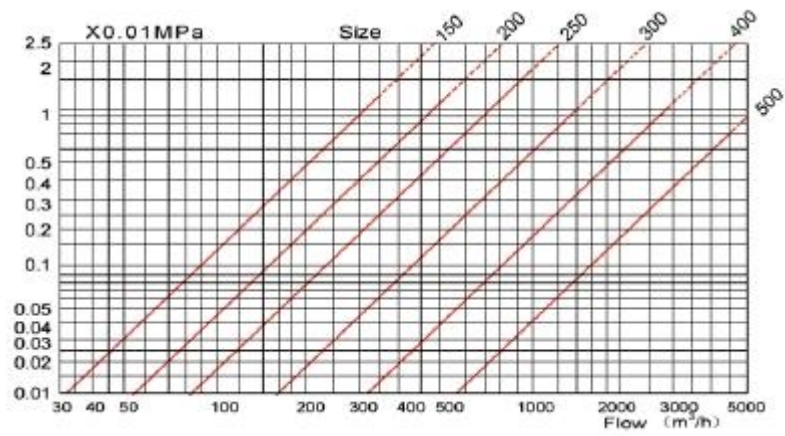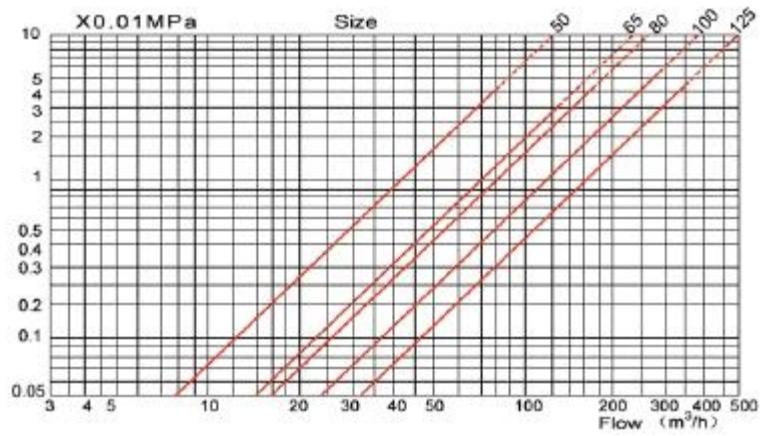
MODEL: HOT WATER METER

REMOVABLE ELEMENT WOLTMAN PULSE TRANSMITTING WATER METER

TRANSMITTING COLD WATER METER

TRANSMITTING HOT WATER METER

APPLICATION AND FEATURES

Data cold water meter.

Water meter equipped with a Reed Switch Pulser which can be connected to remote reading systems. The Reed Switch Pulser sends out electric signals per a preset water quantity.

Comes in several model variation, which indicate different pulse rates. To choose the variation best suited to your needs as per below diagram.

REED-SWITCH ELECTRIC DATA

Switch voltage: 24VAC/ DC

Switch current: 0.01A max

OUTPUT DATA

Size	Pulse Output		
	10L/Pulse	100L/Pulse	1000L/Pulse
50mm	√	√	√
65mm	√	√	√
80mm	√	√	√
100mm	√	√	√
150mm	√	√	√
200mm	√	√	√
250mm	√	√	√
300mm	√	√	√
400mm	√	√	√
500mm	√	√	√