WOLTMAN SILVER TURBO WATER METER

MODEL WSTSB

NETAFIM®
GROW MORE WITH LESS

WOLTMAN SILVER TURBO

MODEL WSTSB

THE WOLTMAN SILVER TURBO- WSTSB IMPLEMENTS ADVANCED METHODS AND TECHNOLOGIES IN ORDER TO PRESENT A TOP OF THE LINE PRODUCT.

APPLICATIONS

Water supply networks, agricultural applications and industrial use.

FEATURES

- The Woltman Silver Turbo (WSTsb) offers the following:
- The WSTsb has a wide measuring rate that enables to serve in broaden applications and in extreme situations (low flows and high flows).
- No sensitivity to working conditions like vibrations.
- No sensitivity to humidity conditions (even if dry chamber is full of water).
- The worm assy. is in a separate kit, which enables easy replacement if necessary.
- Resistance – Bearings and materials used in the WSTsb have been proved to ensure long life expectancy.
- Magnetic Coupling – The WSTsb, like its predecessor, the Woltman Turbo meter - has a unique measuring unit, in which only has one moving element in contact with water, and has repelling magnets installed in the impeller and the transmitting gear, instead of the attracting magnets installed in the WT.
- The implementation of oil and sliding bearing (SB) enables the WSTsb to have better durability.
- Compatibility – The WSTsb is also available with EV, EF, Dialog 3G, MPE, DPE etc.

TECHNICAL SPECIFICATIONS

AVAILABLE SIZES		MAXIMUM WORKING PRESSURE	MAXIMUM LIQUID TEMPERATURE	BODY	CONNECTIONS	STANDARDS
INCH	MM	BAR	°C			
2" - 12"	50mm - 300mm	Standard - 16 Bar Upon request - 25 Bar	60°C	Cast Iron, Polyester coated Optional - Bronze (AWWA Std.)	ISO, BS 10, ANSI 150 or others.	ISO 4064, AWWA, EEC

WOLTMAN SILVER TURBO

MODEL WSTSB

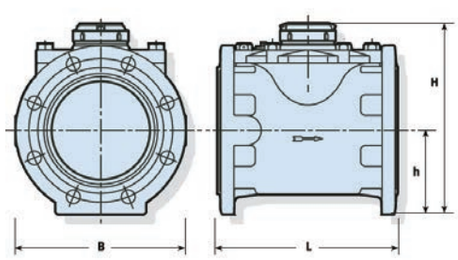
THE WOLTMAN SILVER TURBO- WSTSB IMPLEMENTS ADVANCED METHODS AND TECHNOLOGIES IN ORDER TO PRESENT A TOP OF THE LINE PRODUCT.

PERFORMANCE DATA

MODEL BM/BMA NOMINAL SIZE		QMAX MAXIMUM FLOW RATE	QN ISO 4064	QN NOMINAL FLOW RATE	QT TRANSITIONAL FLOW RATE	QMIN MINIMUM FLOWRATE	STARTING FLOW	MAXIMUM REGISTER CAPACITY	SMALLEST READABLE UNIT	ACCURACY BETWEEN QMAX & QT	ACCURACY BETWEEN QT & QMIN
INCH	MM	M^3/HR	M^3/HR	M^3/HR	M^3/HR	M^3/HR	M^3/HR	M^3	LITRE		
2	50	100	15	50	0.7	0.3	0.15	10^6	1	±2%	±5%
2½	65	120	25	80	0.8	0.35	0.15	10^6	1	±2%	±5%
3	80	170	40	120	0.8	0.5	0.25	10^6	1	±2%	±5%
4	100	300	60	230	1.8	0.8	0.3	10^7 / 10^6	1/10	±2%	±5%
6	150	410	150	260	3.5	2.5	0.8	10^7 / 10^6	1/10	±2%	±5%
8	200	730	250	450	15	5	2	10^8	100	±2%	±5%
10	250	1400	400	750	15	6	3	10^8	100	±2%	±5%
12	300	2000	600	1000	40	10	4	10^8	100	±2%	±5%

DIMENSIONS

NOMINAL SIZE		L - LENGTH WITHOUT COUPLINGS	B - WIDTH	H - HEIGHT	H - HEIGHT	WEIGHT
INCH	MM	MM	MM	MM	MM	KG
2	50	200	165	214	70	12
2½	65	200	185	228	84	13
3	80	230	200	234	90	15.5
4	100	250	200	250	106	19
6	150	300	283	310	130	35
8	200	350	340	338	158	47
10	250	450	406	438	258	75
12	300	500	460	465	330	95

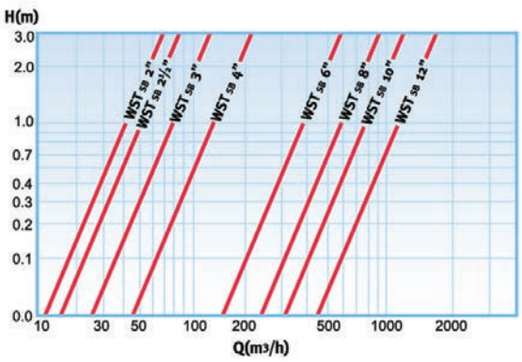


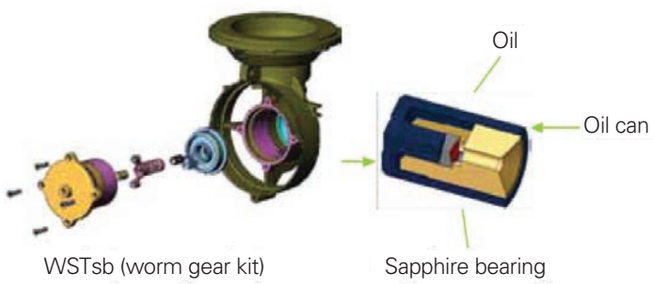
WOLTMAN SILVER TURBO

MODEL WSTSB

THE WOLTMAN SILVER TURBO- WSTSB IMPLEMENTS ADVANCED METHODS AND TECHNOLOGIES IN ORDER TO PRESENT A TOP OF THE LINE PRODUCT.

HEAD LOSS CURVE





WSTsb (worm gear kit)

Sapphire bearing

WSTsb type dial

INSTALLATION REQUIREMENTS

- The water meter may be installed in any position. For non-horizontal positions the flow shall be upwards.
- The meter shall be full of water while operating.
- Prior to installation of a meter, the pipeline shall be thoroughly flushed.
- Straight pipe section of the same diameter D as the meter, having length of 5D and 2D for 2"- 6" and 10D and 5D for 8"- 12"shall be installed upstream and downstream of the meter respectively.