

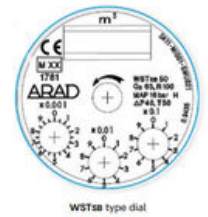
Woltman Silver Turbo Water Meter

Product Details

The Arad Woltman Silver Turbo - WST implements advanced methods and technologies to deliver a robust, accurate and reliable water meters. Pattern approved this meter is a must have for installations requiring Murray Darling Basin Pattern Approvals.



PART NUMBER	Table	Pulse (L)	Length	Nominal Size
WM500WST	D	10	200mm	50mm
WM650WST	D	10	200mm	65mm
WM800WST	D	10	230mm	80mm
WM1000WST	D	10	250mm	100mm
WM1500WST	D	10	300mm	150mm
WM2000WST	D	100	350mm	200mm
WM2500WST	D	1000	450mm	250mm
WM3000WST	D	1000	500mm	300mm
WM501WST Australian Length	D	10	311mm	50mm
WM801WST Australian Length	D	10	413mm	80mm
WM1001WST Australian Length	D	10	483mm	100mm
WM1501WST Australian Length	D	10	500mm	150mm
WM2001WST Australian Length	D	1000	520mm	200mm



STANDARDS AND APPROVALS

- NMI R49-1
- WRAS
- AWQC
- AS4747
- MID 2014/32/EU - ISO4064:2014

NMI Certificate



Compliance with NMI R49-1 and Australian Standards

TECHNICAL INFORMATION

Maximum Working Pressure	Standard - 16 bar Upon request - 25 bar
Maximum Liquid Temperature	60°C
Body	Cast iron, polyester coated, Optional - bronze (AWWA std.)
Connection	Flanges according to ISO, BS 10, ANSI 150 or others
Register	IP68

DESIGN FEATURES

- The WSTsb has wide measuring rate that enables to serve in broaden applications and in extreme situations
- 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 enable 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 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

INSTALLATION REQUIREMENTS

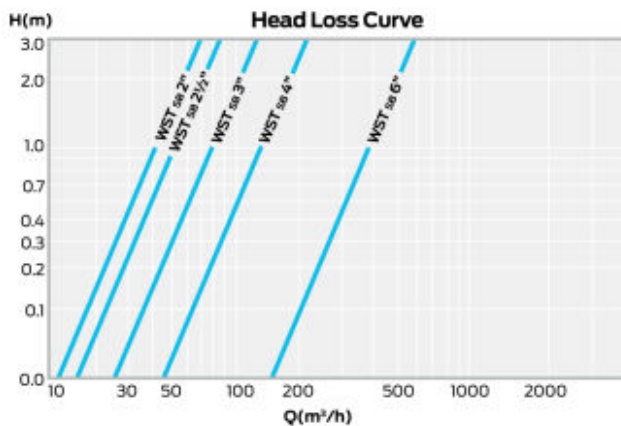
- The water meter may be installed in any position. For non horizontal positions the flow shall be upwards.
- The meter shall be full of water while operating.
- Prior to installation of a meter, the pipeline shall be thoroughly flushed.
- Requirements for straight pipe section: U5/ D3.

Please note: Approved Utility use only, this product is not WaterMark licenced.

Dimensions

Model WSTsb – Nominal Size	mm	50	65	80	100	150
	inches	2"	2½"	3"	4"	6"
Q4 Max. Flowrate (m ³ /h)		78.75	78.75	125	200	312.5
Q3 Nominal Flowrate (m ³ /h)		63	63	100	160	250
Q2 Transitional Flowrate (m ³ /h)		1.01	1.01	1.6	2.56	4
Q1 Minimum Flowrate (m ³ /h)		0.63	0.63	1	1.6	2.5
Starting Flow (m ³ /h)		0.15	0.15	0.25	0.3	0.8
Max. register capacity (m ³)		10 ⁶	10 ⁶	10 ⁶	10 ⁷ /10 ⁶	10 ⁷ /10 ⁶
R Value		100	100	100	100	100
Smallest readable unit (litre)		0.5	0.5	0.5	5	5
Accuracy between Q4 and Q2		±2%	±2%	±2%	±2%	±2%
Accuracy between Q2 and Q1		±5%	±5%	±5%	±5%	±5%

Flow Characteristics



Dimensions

Nominal Size	mm	50	65	80	100	150
	inches	2"	2½"	3"	4"	6"
L – Length		200	200	230	250	300
W – Width		165	185	200	220	283
H – Height		239	254	259	275	344
h – Height		70	84	90	106	130
Weight		12.5	15	15.5	19	35.5

Note: All measurements in mm unless otherwise stated.
All weights are shown in kg unless otherwise stated.

