

R160 INFINITY EVO WOLTMANN METER

150mm + 200mm



The 150mm and 200mm Infinity Evo Woltmann Meters comply with Directive 2014/32/EU (MID) (Annex MI-001). (EU- Type Examination Certificate Number : TCM 142/17- 54 73).

APPLICATION

- Accurate measurement of the volume for cold potable water passing through a pipeline.
- Excellent low flow measuring capability. Ideal for zone and area monitoring.

FEATURES

- MID certified - R160. Certificate number TCM142/17 - 5473. (R250 Capable.)
- Directive 2014/32/EU approved (Annex MI-001).
- IP68 copper can register with scratch resistant mineral glass lens.
- Pulse ready as standard.
- Magnetic reed switch, inductive pulser or radio module options available.
- Performance is not affected by installation conditions.
- Suitable for both horizontal and vertical installation (UP↑)
- Serial numbers printed on dial face.
- Registers have magnetic protection. Prevent magnetic interference and tampering.
- Meter body is manufactured from SG cast iron ensuring extra strength and shock resistance.
- The meter body is epoxy coated both internally and externally.
- The steel pivot + synthetic sapphire bearings ensure and long-term durability and accuracy.
- The internal mechanism is manufactured from hard wearing anhygroscopic anti-scaling virgin engineering plastics.
- The meter has a built-in flow straightener.
- No upstream and downstream straight pipe requirements (U0-D0)
- The nominal working pressure is 1600 kPa. (16 Bar)
- The maximum working temperature is 50°C.
- Fully shrouded pre-calibrated interchangeable internal mechanisms are available for ease of maintenance.
- The meter body has no effect on accuracy.
- The calibration vane is situated in a protected by-pass thus preventing impact and movement of the calibration vane by suspended solids in the pipeline resulting in the meter losing accuracy.

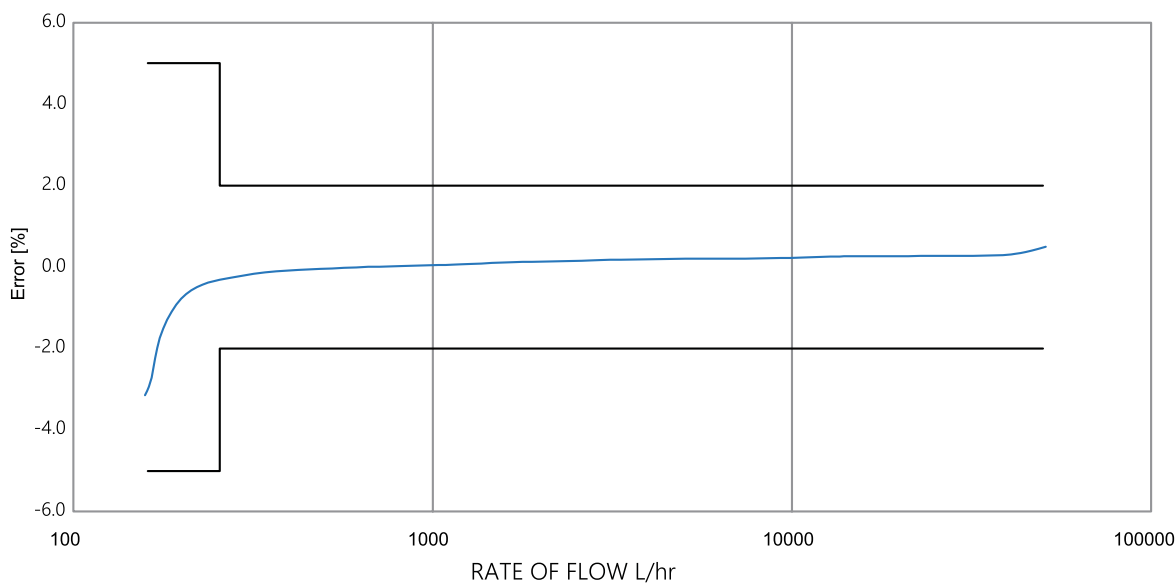
PERFORMANCE SPECIFICATIONS

METER SIZE (mm)	MINIMUM FLOW RATE QMIN (M³/H)	TRANSITIONAL FLOW RATE QT (M³/H)	PERMANENT FLOW RATE QP (M³/H)	MAXIMUM FLOW RATE QS (M³/H)	COUNTER MULTIPLICATION FACTOR	MINIMUM READING QS (M³/H)
150	1.56	2.5	250	313.5	X 10	0.005
200	2.5	4	400	500	X 10	0.005

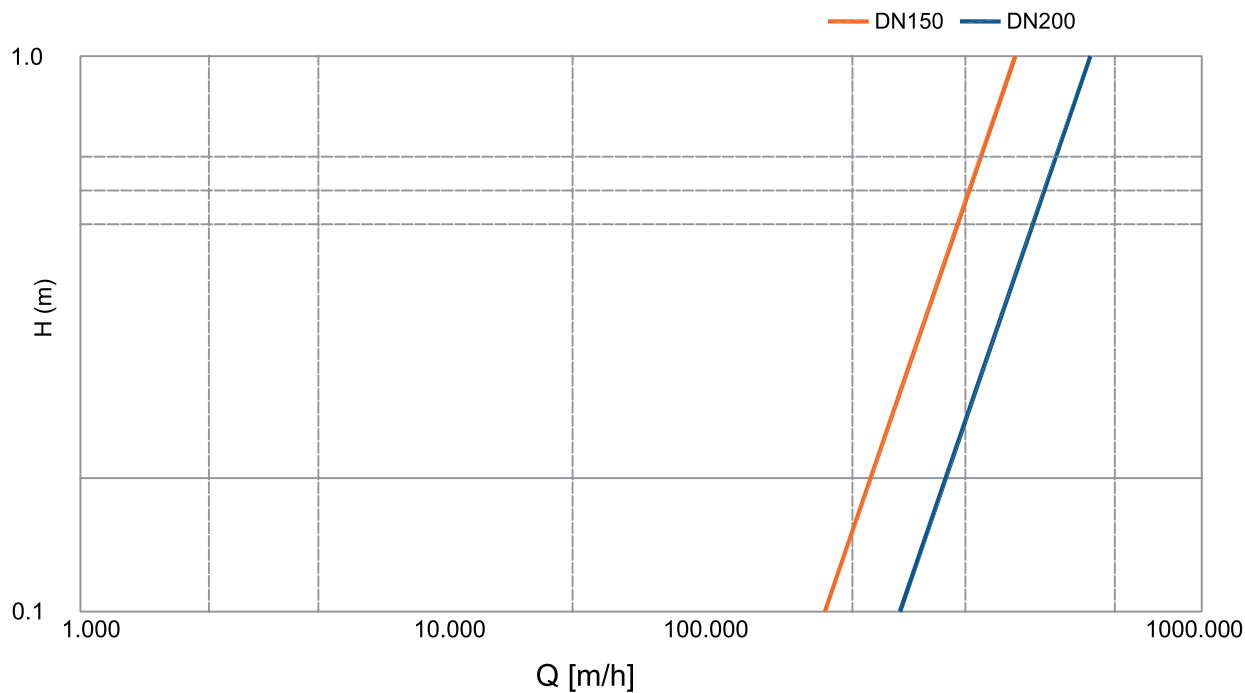
PULSE OUTPUT VALUE

METER SIZE (mm)	INDUCTIVE PULSE VALUE (LITRES PER PULSE)	MAGNETIC REED PULSE VALUE (LITRES PER PULSE)
150	100	1000
200	100	1000

TYPICAL ERROR CURVE

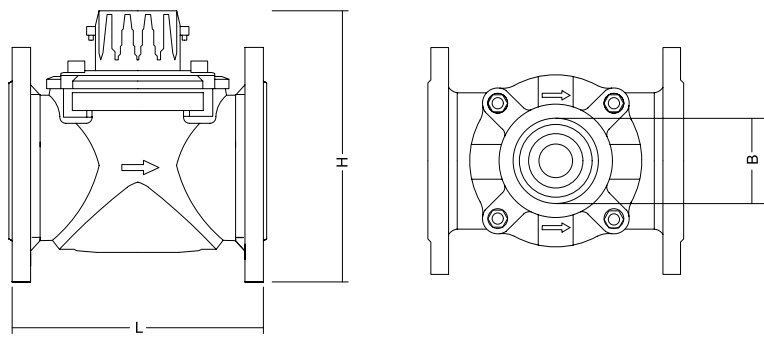


HEADLOSS CURVE



DIMENSION TABLE

METER SIZE (MM)	Length (mm)	Height (mm)
150	300	316
200	350	345



FLOWPULSE BI - DIRECTIONAL INDUCTIVE PULSER

- Power supply: Lithium battery; service life 12 years (standard configuration)
- Not affected by magnetic fields
- Protection rating: IP68
- Flow Pulse: For transmission of data to a digital remote reading unit.



MECHANICAL REED SWITCH - PULSER

- Easy to install and replace
- No influence on the meter's performance
- Protection rating: IP68

