



# AMANZI METERS

## Specifications of the Amanzi Meter Volumetric Rotary Piston Meter

15mmX114mm

15mmX165mm

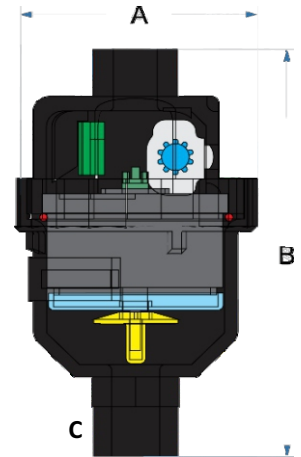
20mmX165mm

### Compliance Measurement Standard

SANS 1529-1:2019 EDITION 2.3

### Compliance Management Standards

SANS 10378:2017  
ISO 9001:2015



### Features

- Wet, condensation free sealed easy to read 8 digit counter
- Superb accuracy and performance in any position.
- UV protected, corrosion and impact resistance glass fill polymer
- Each unit is laser printed with its own unique serial number
- Pulse prepared
- Internal non-return valve and strainer
- Grooved rotary piston for enhanced durability and performance
- Meter inners and body type approved by the NRCS
- Robust plastic design with a fashion sense

### Working conditions

- Working Temperature 0.1°C~3 0°C
- Nominal working pressure 1600 kPa(16 bars)
- Maximum test pressure 4800 kPa(48 bars)

### Maximum Permissible Errors

- In the Higher flows from  $Q_t$  up to  $Q_p$  &  $Q_s \pm 2\%$
- In the low flow from  $Q_{min}$  inclusive up to, but excluding  $Q_t \pm 5$

### Installation requirements

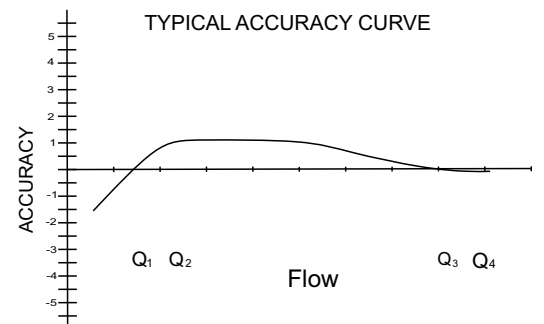
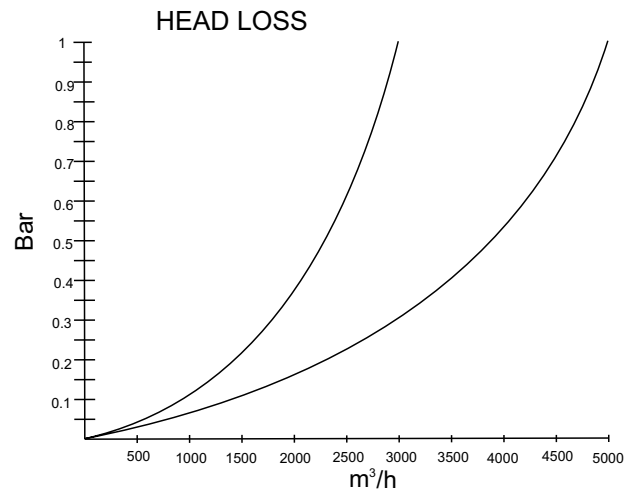
- Can be installed vertically or horizontally
- Pipeline must be flash before meter installation for best flow and accurate reading
- NB:** Meters should be constantly full of water during operation Or retesting

### Please Note

- Meters to be used with approved or recommended tailpieces/connectors
- No hemp to be used for installation

| Meter Bore and Size   | UNIT OF MEASUREMENT            | 15mm X 114mm | 15mm X 165mm | 20mm X 165mm |
|-----------------------|--------------------------------|--------------|--------------|--------------|
| QP                    | m <sup>3</sup> /h              | 1.5          | 1.5          | 2.5          |
| Nominal Pressure      | kPa                            | 1600         | 1600         | 1600         |
| Pressure Loss group   | kPa                            | 100          | 100          | 100          |
| Sa No.                |                                | SA1527       | SA1527       | SA1527       |
| Millilitres Per Pulse | ml/pulse                       | 500/1        | 500/1        | 500/1        |
| Meter Class           |                                | C            | C            | C            |
| DESIGNATED FLOWS      |                                |              |              |              |
| Q4                    | m <sup>3</sup> /h maximum flow | 3            | 3            | 5            |
| Q3                    | m <sup>3</sup> /h nominal flow | 1.5          | 1.5          | 2.5          |
| Q2                    | l/h transactional flow         | 22.5         | 22.5         | 37.5         |
| Q1                    | l/h minimum flow               | 15           | 15           | 25           |

| Nominal Size      | mm   | 15      | 15      | 20     |
|-------------------|------|---------|---------|--------|
| A Length          | mm   | 114     | 165     | 165    |
| B Diameter        | mm   | 100     | 100     | 100    |
| C Thread diameter | Inch | 3/4 BSP | 3/4 BSP | 1" BSP |
| Weight            | gram | 425     | 450     | 475    |



Innovative products made without quality compromise

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