Gladiator Water Meter

Scope of Use / Specification Sheet

The Gladiator is a polymer positive displacement water meter for domestic applications.

Technical Specifications

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Size</th>
<th>Thread</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>WM151PD</td>
<td>15mm</td>
<td>BSP Thread</td>
<td></td>
</tr>
<tr>
<td>WM211PD</td>
<td>20mm</td>
<td>NSW Thread</td>
<td>WM212PD</td>
</tr>
<tr>
<td>WM212PD</td>
<td>20mm</td>
<td>Meter Thread</td>
<td>WM213PD</td>
</tr>
</tbody>
</table>

Features and Benefits

- Reinforced polymer body
- Specially designed for high accuracy and wide measuring range
- Lightweight design
- Sealed super-dry register
- Stainless steel, hardened glass and hermetically sealed counter
- Dual check valves
- Brass connectors
- Continuity Strip

Orientation

The Gladiator Water Meter can be installed in any position
- Horizontal
- Vertical
- Inclined

Note: Integrated LoRaWAN version available

Maximum Working Pressure: 1600 kPa
Maximum Working Temperature: 50 °C
Body: Highly Reinforced Composite material
Coupling Threads (For inline): BSP, METER, NSW
Inlet/Outlet Threads: 3/4” (For pipe size 1/2”) 1” (For pipe size 3/4”)
Gladiator
Water Meter

Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>W</th>
<th>H</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>15mm</td>
<td>152</td>
<td>133</td>
<td>108</td>
</tr>
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<td>20mm</td>
<td>154</td>
<td>133</td>
<td>108</td>
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</table>

Note: All measurements in mm unless otherwise stated.

Accuracy Curve

Head Loss Curve

Performance Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Size (MM)</th>
<th>Q4 Max Flowrate (kl/h)</th>
<th>Q3 Nominal Flowrate (kl/h)</th>
<th>Q2 Transitional Flowrate (l/h)</th>
<th>Q1 Minimim Flowrate (kl/h)</th>
<th>R Q3/Q1</th>
<th>Δp at Q3 max (kl)</th>
<th>Maximum Register Capacity (l)</th>
<th>Minimum Register Capacity (l)</th>
<th>Sensitivity (l/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WM151PD</td>
<td>15</td>
<td>3.125</td>
<td>2.5</td>
<td>10.00</td>
<td>6.25</td>
<td>400</td>
<td>10^6</td>
<td>0.02</td>
<td>1</td>
<td>0.02</td>
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<tr>
<td>WM211PD</td>
<td>20</td>
<td>5.0</td>
<td>4.0</td>
<td>25.60</td>
<td>16</td>
<td>250</td>
<td>10^6</td>
<td>0.02</td>
<td>2</td>
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Standards and Approvals

- NMI R49

WMK 26311
AS 3561.1

Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500.1.

Warranty

Reliance Worldwide Corporation (Aust.) Pty. Ltd. (RWC) will either replace or repair any defective goods where the defect arose as a result of manufacture within the warranty period. You may contact RWC at the phone number, address or e-mail shown below for further information or to make a claim.