

# GLADIATOR WATER METER



The Gladiator is Reliance's new polymer positive displacement water meter.

## Applications

Domestic Consumption

## Available Sizes

15mm and 20mm

## Standards

NMI R49, AS/NZS4020, AS3565.1

MID 2004/22/EC (based on OIML R49 EN 14154 and ISO 4064:2005), WRAS, WCS, AWQC

## Part Numbers

15mm BSP Thread - WM151PD

20mm NSW Thread - WM211PD

20mm Meter Thread - WM212PD

20mm BSP Thread - WM213PD



## 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
- Register options: Regular, Dialog 3G, with EV Output, OE
- Dual check valves
- Single check valves
- Brass connectors
- Continuity Strip

## Technical Specifications

<b>Maximum Working Pressure:</b>	1600 kPa
<b>Maximum Working Temperature:</b>	50°C
<b>Body</b>	Highly Reinforced Composite material
<b>Coupling Threads (For inline)</b>	BSP, METER, NSW
<b>Inlet/ Outlet Threads</b>	3/4" (For pipe size 1/2") 1" (For pipe size 3/4")
<b>Register</b>	IP68

## Installation

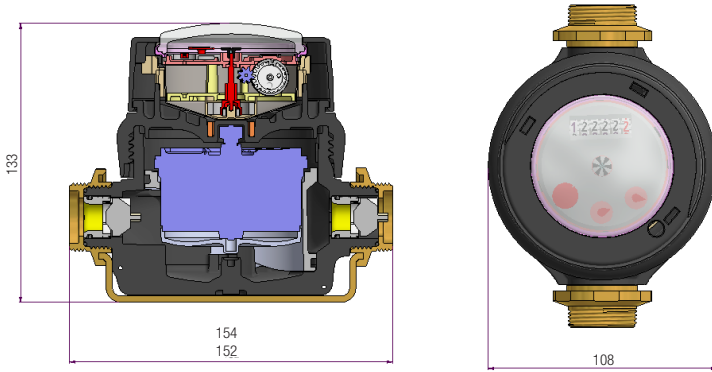
- The meter can be installed in any position (horizontal, vertical or inclined)
- See separate installation instructions for full details



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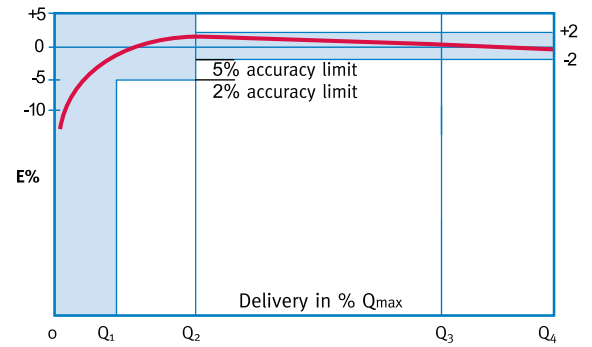


## Dimensions

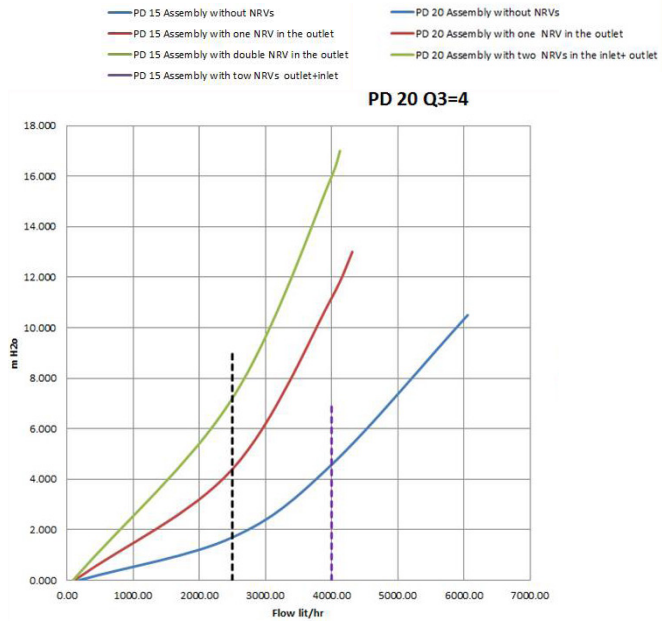
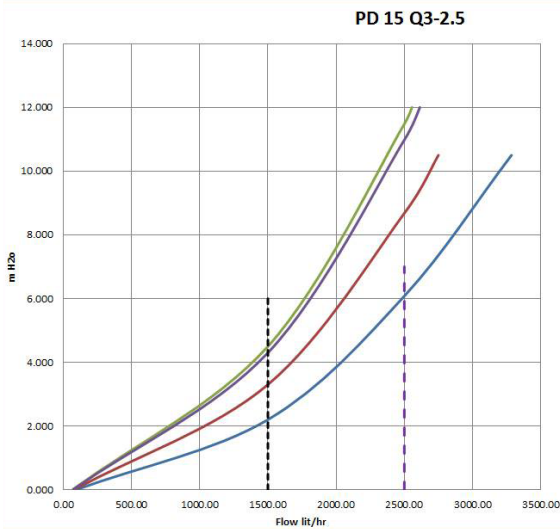


NB: All dimensions in millimetres unless otherwise stated.

## Accuracy Curve



## Head Loss Curve



## Performance Data

Model	Nominal Size (mm)	Q4 Maximum flowrate (kl/h)	Q3 Nominal flowrate (kl/h)	Q2 Transitional Flowrate (l/h)	Q1 Minimum flowrate (l/h)	R Q3/Q1	$\Delta p$ at Q3 max	Maximum register capacity (kl)	Minimum register capacity (l)	Sensitivity (l/h)
P15 (inline)	15	3.125	2.5	10.00	6.25	400	63	10 <sup>5</sup>	0.02	1
P20 (inline)	20	5.0	4.0	25.60	16	250	63	10 <sup>5</sup>	0.02	2