

# V100

## Product Specification



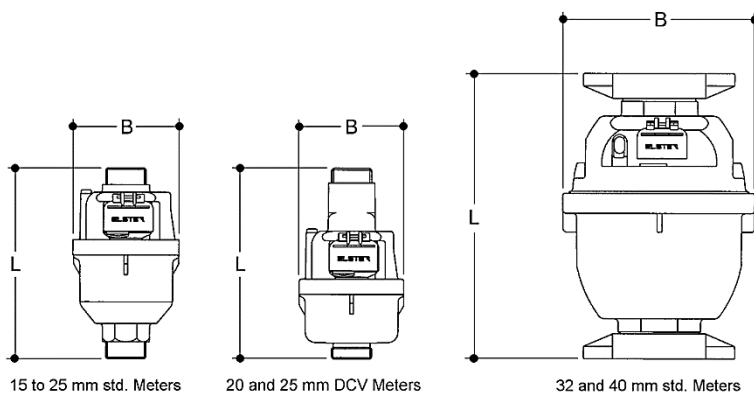
### V100 PERFORMANCE TO NMI R49-1 / CLASS 2

| NOMINAL METER DIAMETER (DN MM) - (STD Q <sub>3</sub> /Q <sub>1</sub> RATIO)<br>ALTERNATIVE Q <sub>3</sub> /Q <sub>1</sub> AVAILABLE RATIOS |                     |             | 15 - (200) <sup>②</sup><br>250, 315 & 400 | 20 - (200)<br>250, 315 & 400 | 25 - (315) | 32 - (250) | 40 - (200) |
|--|---------------------|-------------|---|------------------------------|------------|------------|------------|
| MINIMUM FLOW RATE  | Q <sub>1</sub> ± 5% | l/h         | 20  | 20                           | 20         | 40         | 80         |
| TRANSITIONAL FLOW RATE   | Q <sub>2</sub> ± 2% | l/h         | 32  | 32                           | 32         | 64         | 128        |
| PERMANENT FLOW RATE  | Q <sub>3</sub> ± 2% | kL/h        | 4   | 4                            | 6.3        | 10         | 16         |
| OVERLOAD FLOW RATE   | Q <sub>4</sub> ± 2% | kL/h        | 5   | 5                            | 7.875      | 12.5       | 20         |
| MINIMUM REGISTRATION FLOW RATE   |                     | l/h         | 3   | 3                            | 13         | 22         | 37         |
| PRESSURE LOSS - STD. METER / WITH DCV  |                     | kPa         | 24.9                                      | 24.0/60.4                    | 34.9/60.6  | 19.7       | 20.5       |
| @ Q <sub>n</sub> FLOW RATES TO AS 3565.1-2010  |                     | kL/h        | 2.5                                       | 2.5                          | 3.5        | 5          | 7.5        |
| MAXIMUM ADMISSABLE PRESSURE  |                     | kPa         | 1600                                      | 1600                         | 1600       | 1600       | 1600       |
| MIN/MAX ADMISSIBLE TEMPERATURE   |                     | °C          | 0.1/30                                    | 0.1/30                       | 0.1/30     | 0.1/30     | 0.1/30     |
| T30 LIMITING CONDITION (WATER TEMPERATURE)   |                     | °C          | 50  | 50                           | 50         | 50         | 50         |
| MINIMUM COUNTER REGISTRATION   |                     | litre       | 0.1 <sup>①</sup>                          | 0.1 <sup>①</sup>             | 0.1        | 0.1        | 0.1        |
| MAXIMUM COUNTER REGISTRATION   |                     | kL          | 99999.999 <sup>①</sup>                    | 99999.999 <sup>①</sup>       | 99999.999  | 99999.999  | 99999.999  |
| PULSE OUTPUT   |                     | litre/pulse | 5 <sup>①</sup>                            | 5 <sup>①</sup>               | 5          | 5          | 5          |
| NMI PATTERN APPROVAL CERTIFICATE   | number:             |             | 14/3/1                                    | 14/3/1                       | 14/3/11    | 14/3/12    | 14/3/18    |

① Technical data shown is for meters fitted with 5 x 3 number wheel counters.

For meters fitted with 4 x 4 number wheel counters, the data for minimum & maximum registration and pulse output would be 0.01, 9999.9999 and 0.5 respectively.

② The 15mm version is also available with a Q<sub>3</sub> of 2.5 and Q<sub>3</sub>/Q<sub>1</sub> ratios of 200 and 250.



15 to 25 mm std. Meters

20 and 25 mm DCV Meters

32 and 40 mm std. Meters

### DIMENSIONS

| NOMINAL DIAMETER (DN MM)       | UNITS | 15 | 20  | 25   | 32  | 40  |
|--------------------------------|-------|----|-----|------|-----|-----|
| OVERALL METER LENGTH (L ± 1mm) | ③     | mm | 133 | 153  | 177 | 189 |
| MAXIMUM DIAMETER (B)           |       | mm | 87  | 87   | 101 | 121 |
| BARE METER WEIGHT              | ④     | kg | 1.1 | 1.25 | 2.1 | 3.6 |

③ Overall lengths other than those shown are also available.

④ All weights shown including the 20 and 25mm DCV meters are unpacked without connections and are approximate only.

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## For more information

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