

Measuring Instruments Directive 2004/22/EC

Specifications according to OIML R49, EN14154 and ISO4064

| | | | Exceeding class D equivalent | | | |
|-------------------------------|---------------|---------|------------------------------|-------|-------|-------|
| Meter Model | | | V200 | V200 | V210 | V210 |
| Meter Size | mm | | 15 | 20 | 15 | 20 |
| Flow range Q_3/Q_1 | R | | 400 | 315 | 400 | 315 |
| Overload flow rate | $Q_4 \pm 2\%$ | m^3/h | 3.125 | 5 | 3.125 | 5 |
| Permanent flow rate | $Q_3 \pm 2\%$ | m^3/h | 2.5 | 4 | 2.5 | 4 |
| Transitional flow rate | $Q_2 \pm 2\%$ | l/h | 10.00 | 20.32 | 10.00 | 20.32 |
| Minimum flow rate | $Q_1 \pm 5\%$ | l/h | 6.25 | 12.70 | 6.25 | 12.70 |
| Starting Flow (approximately) | | l/h | 1 | 2 | 1 | 2 |

| | | | Class C equivalent | | | | | | | | |
|-------------------------------|---------------|-------------------------------|--------------------|----------|----------|----------|----------|------|----------|----------|--------|
| Meter Model | | | V200 | V200 | V200 | V200 | V200 | V200 | V210 | V210 | V210 |
| Meter Size | mm | | 15 | 20 | 25 | 30 | 30 | 40 | 15 | 20 | 25 |
| Meter thread size | in | | G3/4"A | G1"A | G1 1/4"A | G1 1/4"A | G1 1/2"A | G2"A | G1 1/2"A | G1 1/2"A | G2"A |
| Overload flow rate | $Q_4 \pm 2\%$ | m^3/h | 3.125 | 5 | 7.875 | 12.5 | 12.5 | 12.5 | 3.125 | 5 | 7.875 |
| Permanent flow rate | $Q_3 \pm 2\%$ | m^3/h | 2.5 | 4 | 6.3 | 10 | 10 | 10 | 2.5 | 4 | 6.3 |
| Transitional flow rate | $Q_2 \pm 2\%$ | l/h | 25 | 40 | 63 | 100 | 100 | 100 | 25 | 40 | 63 |
| Minimum flow rate | $Q_1 \pm 5\%$ | l/h | 15.625 | 25 | 39.375 | 62.5 | 62.5 | 62.5 | 15.625 | 25 | 39.375 |
| Starting Flow (approx.) | l/h | | 1 | 2 | 6 | 12 | 12 | 12 | 1 | 2 | 6 |
| Meter thread size | in | | G3/4"A | G1"A | G1 1/4"A | G1 1/4"A | G1 1/2"A | G2"A | G1 1/2"A | G1 1/2"A | G2"A |
| Diameter (A) | mm | | 94 | 94 | 120 | 150 | 150 | 150 | 94 | 94 | 130.5 |
| Height (B)** | mm | | 113 | 111 | 130 | 145 | 145 | 145 | 126 | 136 | 142 |
| Height with lid open (C) | mm | | 180 | 177 | 200 | 215 | 215 | 215 | 193 | 203 | 209 |
| Length (D) | mm | 110, 115, 134, 165, 170 | 165,190 | 199, 260 | 199, 260 | 199, 260 | 300 | n/a | n/a | n/a | n/a |
| Height with Encoder or Hybrid | mm | | 127 | 125 | 144 | n/a | n/a | n/a | 140 | 150 | 156 |
| Length over connections (E) | mm | 195, 200, 228, 250 | 267, 288 | 311, 370 | 327, 380 | 327, 380 | 421 | n/a | n/a | n/a | n/a |
| Weight (approximately) | kg | | 1.0 | 1.2,1.3 | 2.3, 2.6 | 3.4, 3.7 | 3.4, 3.7 | 4.0 | 0.9 | 1.0 | 2.0 |

Headloss at Q_3 less than 0.63 bar.

Maximum water temperature 30°C, working pressure 16 bar.

Maximum registration 99999.99m³.

*Note: Other Q_3/Q_1 ratios are available on request

**Height with PR6 = B+10mm, with TPR6 = B + 48mm

Register Options

| | | |
|---------------------|--------------------------------|-------------------------|
| Inductive | 1 Pulse/Litre | PR6 and TPR6 compatible |
| Encoder | Full reading in m ³ | |
| Hybrid (Electronic) | Full reading in m ³ | |

