

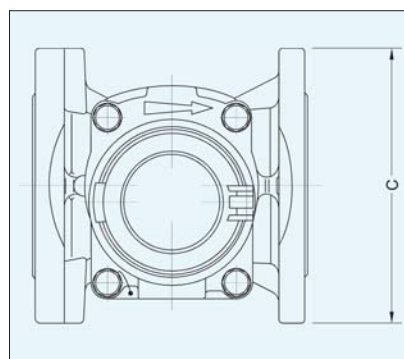
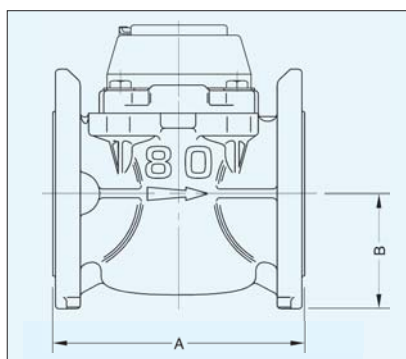
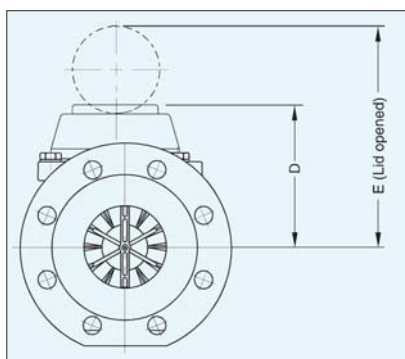
H4000P Initial Performance/Specification (forward flow)

| Meter size (mm) | | | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|---------------------------|---------|----------------|------|------|------|------|------|------|------|------|------|------|
| Overload flow* | qs±2% | m³/h | 90 | 90 | 120 | 200 | 250 | 250 | 600 | 1000 | 1600 | 2000 |
| Permanent flow | qp±2% | m³/h | 50 | 50 | 65 | 120 | 180 | 180 | 450 | 700 | 1000 | 1500 |
| Transitional flow | qt±2% | m³/h | 1 | 1 | 1.5 | 2 | 2 | 2 | 4 | 6 | 11 | 15 |
| Minimum flow (horizontal) | qmin±5% | m³/h | 0.35 | 0.35 | 0.4 | 0.5 | 0.6 | 0.6 | 1.8 | 4 | 6 | 12 |
| Minimum flow (vertical) | qmin±5% | m³/h | 0.45 | 0.45 | 0.75 | 1.2 | 1.2 | 1.2 | 4.5 | 7.5 | 12 | 18 |
| Starting flow (approx.) | | m³/h | 0.15 | 0.16 | 0.17 | 0.22 | 0.25 | 0.25 | 0.90 | 1.2 | 1.8 | 1.8 |
| Headloss at overload flow | | bar | 0.84 | 0.49 | 0.69 | 0.27 | 0.43 | 0.58 | 0.33 | 0.32 | 0.37 | 0.58 |
| Maximum registration | | millions of m³ | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 10 | 10 | 10 |
| Maximum water temperature | | °C | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Maximum working pressure | | bar | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |

* Maximum of 24 hours.

Standard ISO4064/BS5728 Specification Class B (EC Approved)

| | | | | | | | | | | | | |
|---------------------------|---------|------|---|------|------|------|------|------|------|------|------|------|
| Overload flow | qs±2% | m³/h | – | 30 | 50 | 80 | 120 | 120 | 300 | 500 | 800 | 1200 |
| Permanent flow | qp±2% | m³/h | – | 15 | 25 | 40 | 60 | 60 | 150 | 250 | 400 | 600 |
| Transitional flow | qt±2% | m³/h | – | 3 | 5 | 8 | 12 | 12 | 30 | 50 | 80 | 120 |
| Minimum flow | qmin±5% | m³/h | – | 0.45 | 0.75 | 1.2 | 1.8 | 1.8 | 4.5 | 7.5 | 12 | 18 |
| Headloss at overload flow | | bar | – | 0.05 | 0.12 | 0.04 | 0.10 | 0.13 | 0.10 | 0.10 | 0.09 | 0.21 |
| Headloss class | | bar | – | 0.10 | 0.30 | 0.10 | 0.10 | 0.30 | 0.10 | 0.10 | 0.10 | 0.30 |

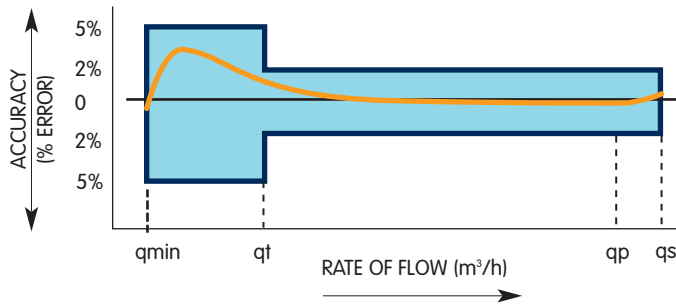


Dimensions and weights

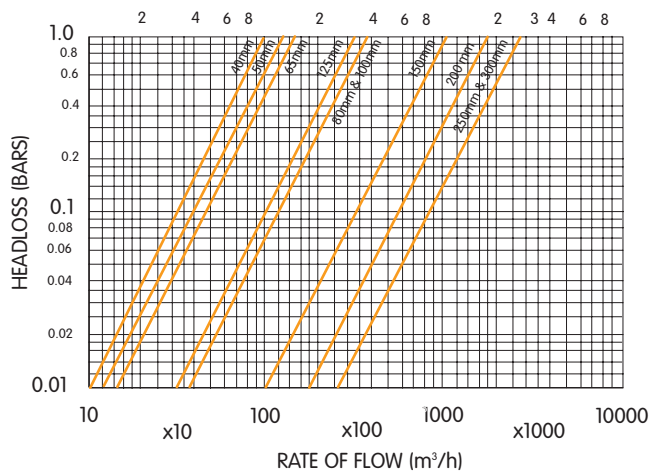
| Meter size (mm) | | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|---------------------------|----|------|---------|-----------|-----------|-----------|------|-----------|------|------|-------|
| Overall length (ISO) (A) | mm | 300 | 200/300 | 200/300 | 200/250 | 250/350 | 250 | 300/500 | 350 | 450 | 500 |
| Overall length (Kent) (A) | mm | 311 | 311 | – | 413 | 483 | – | – | 520 | – | – |
| Height (B) | mm | 78 | 78 | 86 | 94 | 106 | 118 | 135 | 165 | 198 | 225 |
| Height (D) | mm | 115 | 115 | 115 | 126 | 126 | 126 | 193 | 215 | 233 | 233 |
| Height (E) | mm | 180 | 180 | 180 | 191 | 191 | 191 | 258 | 280 | 298 | 298 |
| Flange Diameter (C) | mm | 151 | 166 | 186 | 201 | 228 | 251 | 286 | 341 | 409 | 461 |
| Weight (ISO) | kg | 11.6 | 12/12.9 | 12.8/14.2 | 13.9/16.4 | 19.2/20.3 | 20.3 | 37.3/43.3 | 47.3 | 81.8 | 103.8 |
| Weight (Kent) | kg | 11.8 | 13.1 | – | 17.4 | 23.4 | – | – | 53.8 | – | – |

Accuracy Curve, Headloss Curve and Pulse Connectivity shown overleaf.

Typical Accuracy Curve



Typical Headloss Curve



Pulse Connectivity

The inductive pulser PR6 can be used with the H4000P.

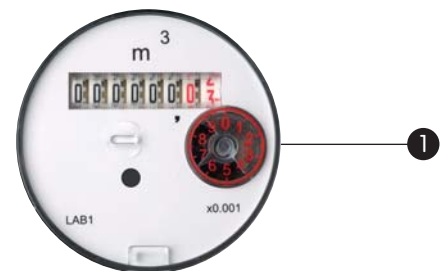
A summary of the features are shown in the table below.

A more detailed specification for the PR6 can be obtained from the PR6 and PR7 sales brochure.

| Type | K Factor | Primary Output | Secondary Output | Other |
|------|----------|----------------|------------------|--------|
| PR6 | 1:1 | F + R | C + RevAlarm | Tamper |

Example: 50mm register shown

① Inductive pulse target



Variant Approval Support Documentation

| Cert. | Size (mm) | Approval No. |
|---------------------------------------|-----------|--|
| Physikalisch-Technische Bundesanstalt | 40 | D 05 6.132.46 |
| | 50 | |
| | 65 | |
| | 85 | |
| | 100 | |
| Economie Belgium | 125 | 728.97B.31.54 728.97B.31.55 728.97B.31.56 728.97B.31.57 |
| | 150 | |
| | 200 | |
| | 250 | |
| | 300 | |

Pressure equipment directive 97/23/EC.

This product is applicable in networks for the supply, distribution and discharge of water and associated equipment and is therefore exempt.

Note: Specifications are subject to change without notice.