

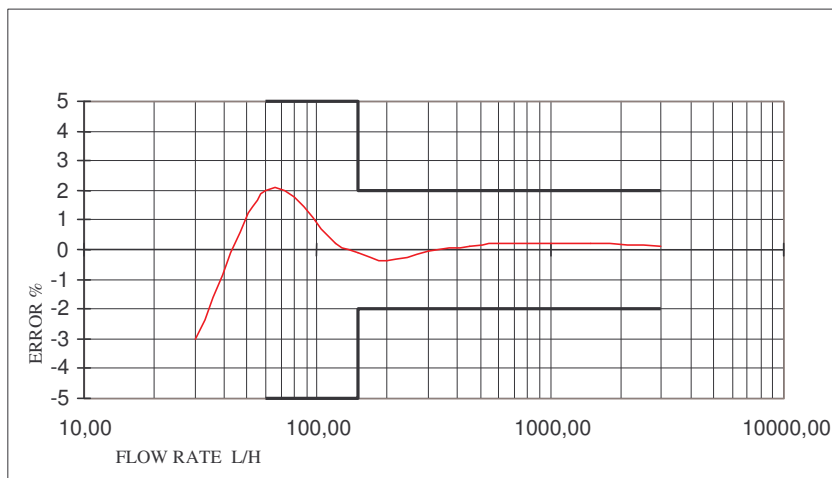
## CHARACTERISTICS

Single jet sealed register water meter for cold (30 °C) or hot water (90 °C)

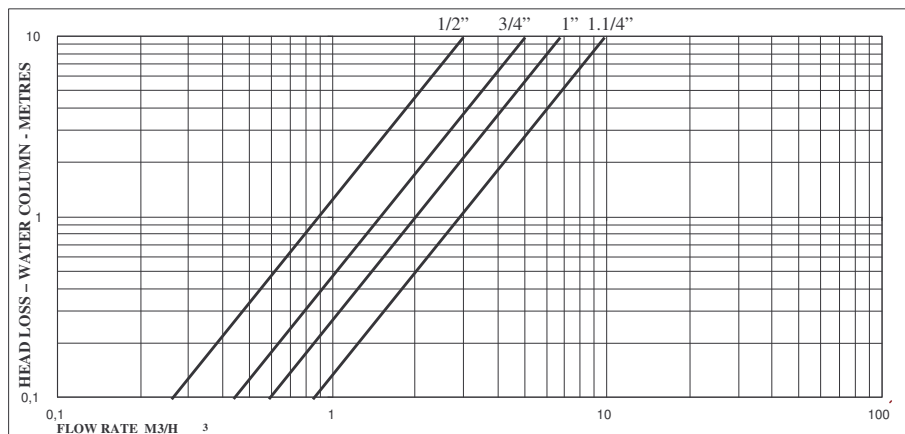
- Class B approval in compliance with Directive 75/33/EEC or Directive 79/30/EEC (Qn 1.5 and Qn 2.5 cold water meters approved as class C also available)
- Hot forged brass body (OT58)
- Hot forged brass closing ring (OT58)
- 360-degree rotatable lid
- 6-mm thick tempered glass lens
- Numbered drums' shaft in stainless steel 18/8
- Nominal working pressure (PN) 16 bar
- Hydraulic tests are carried out at three flow rates (Qmin, Qt and Qmax) on 100% of the production. Our testing benches comply with standards ISO 4064/3 and ISO 4185 and are approved by a European metrological institute.
- A pre-equipped version for the future installation of a double reed-switch pulse emitter is available upon request.



## TYPICAL ERROR CURVE (CLASS B 75/33/EEC - ISO 4064/I)



## HEADLOSS DIAGRAM



## OVERALL DIMENSIONS AND HYDRAULIC PERFORMANCES

| SIZE                                                                             | mm                | 13         | 20         | 25             | 30      |
|----------------------------------------------------------------------------------|-------------------|------------|------------|----------------|---------|
|                                                                                  | inches            | 1/2"       | 3/4"       | 1"             | 1.1/4"  |
| <b>Performances in accordance with Directives 75/33/EEC, 79/830/EEC, class B</b> |                   |            |            |                |         |
| Qmin                                                                             | l/h               | 30         | 50         | 70             | 100     |
| Qt                                                                               | l/h               | 120        | 200        | 280            | 400     |
| Qn                                                                               | m <sup>3</sup> /h | 1.5        | 2.5        | 3.5            | 5       |
| Qmax                                                                             | m <sup>3</sup> /h | 3          | 5          | 7              | 10      |
| <b>Real Performances</b>                                                         |                   |            |            |                |         |
| Qmin                                                                             | l/h               | 15         | 25         | 70             | 100     |
| Qt                                                                               | l/h               | 22.5       | 37.5       | 280            | 400     |
| Qn                                                                               | m <sup>3</sup> /h | 1.5        | 2.5        | 3.5            | 5       |
| Qmax                                                                             | m <sup>3</sup> /h | 3          | 5          | 7              | 10      |
| Starting flow rate                                                               | l/h               | 7 - 8      | 8 - 10     | 20 - 22        | 23 - 25 |
| Head of loss at Qmax                                                             | bar               | 1          | 1          | 1              | 1       |
| Nominal pressure                                                                 | bar               | 16         | 16         | 16             | 16      |
| Maximum reading                                                                  | m <sup>3</sup>    | 100,000    | 100,000    | 100,000        | 100,000 |
| Minimum reading                                                                  | l                 | 0.05       | 0.05       | 0.05           | 0.05    |
| Turbine revolution per litre                                                     |                   | 29.76      | 22.83      | 12.53          | 12.53   |
| Weight                                                                           | kg                | 0.75       | 0.92       | 1.25           | 1.25    |
| L                                                                                | mm                | 110        | 130        | 160            | 160     |
| Length with couplings                                                            | mm                | 190        | 228        | 260            | 282     |
| H                                                                                | mm                | 86         | 86         | 86             | 86      |
| h                                                                                | mm                | 25.51      | 25.51      | 28             | 33      |
| F                                                                                | mm                | 158        | 158        | 158            | 158     |
| B                                                                                | mm                | 82         | 82         | 82             | 82      |
| EEC approval no. – cold water 30 °C                                              |                   | B89 317.08 | B89 317.09 | I 01 06.01.042 |         |
| EEC approval no. – hot water 90 °C                                               |                   | B95 48.03  | B98 48.04  | -              | -       |

