

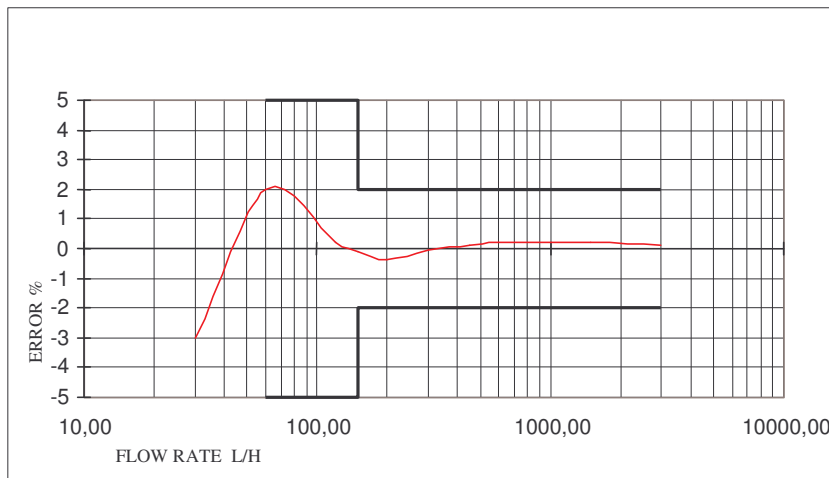


CHARACTERISTICS

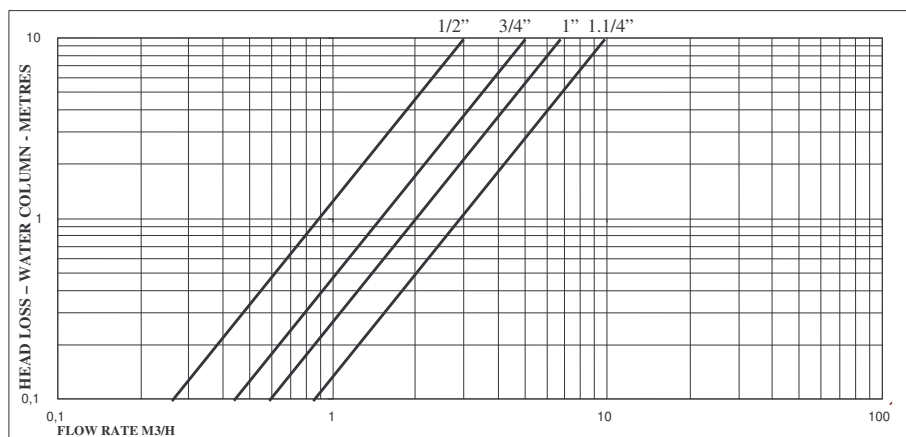
Single jet wet dial water meter for cold (30 °C) or hot water (90 °C)

- Class B approval in accordance with Directive 75/33/EEC or Directive 79/830/EEC
- Hot forged brass body (OT58)
- Hot forged brass closing ring (OT58)
- 360-degree rotatable lid
- 10-mm thick crystal lens
- Numbered drums' shaft in stainless steel 18/8
- Nominal working pressure: 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 | ½" | ¾" | 1" | 1¼" |
| Performances in accordance with Directives 75/33/EEC, 79/830/EEC, class B | | | | | |
| Qmin | l/h | 30 | 50 | 70 | 100 |
| Qt | l/h | 120 | 200 | 280 | 400 |
| Qn | m ³ /h | 1.5 | 2.5 | 3.5 | 5 |
| Qmax | m ³ /h | 3 | 5 | 7 | 10 |
| Real performances | | | | | |
| Qmin | l/h | 15 | 25 | 70 | 100 |
| Qt | l/h | 22.5 | 37.5 | 280 | 400 |
| Qn | m ³ /h | 1.5 | 2.5 | 3.5 | 5 |
| Qmax | m ³ /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 ³ | 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 without couplings | 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 | | B90 317.10 | B90 317.11 | I 01 06.01.042 | - |
| EEC approval no. – hot water 90°C | | B95 48.03 | B98 48.04 | - | - |

