

# G2 misuratori

THE VALUE OF METERING



 Made in ITALY

**Mod. PFM-  
R200H,R63V**

**DN 20 and DN 50  
R315H,R63V**



**Mod. BFM-R200H,R63V**

**Mod. BCM-R80H,R40V**

MULTI

- ❑ Multi-jet turbine straight reading meter
- ❑ Mod. BFM-R200H,R63V, WET dial, measuring range R200H,R63V, temperature classes T30 and T50, for clean water
- ❑ Mod. BCM-R80H,R40V, WET dial, measuring range R80H,R40V, temperature classes **T70 and T90**, for clean water
- ❑ Mod. PFM-R200H,R63V, LIQUID FILLED SEALED counter, measuring range R200H,R63V, temperature classes T30 and T50, for turbid water
- ❑ U0-D0: straight pipe not required upstream or downstream the meter
- ❑ All models are **MID** approved according to the current European Directive (module B+D) and in compliance with the norms **EN 14154**, **ISO 4064** and **OIML R49**, reaching an **R (Q<sub>3</sub>/Q<sub>1</sub>) ≤ 315H/63V**
- ❑ All models are certified for use with water for human consumption, according to the **D.M. 174** of 6/4/ 2004 in compliance with European Directive 98/83 CE (Drinking Water Directive)

# MULTY



## Wet dial model

Temperature classes T30 & T50  
BFM- DN 15 / 20 / 25 / 32 / 40 / 50  
R from 40H to 315H  
R from 40V to 63V  
to be specified when ordering

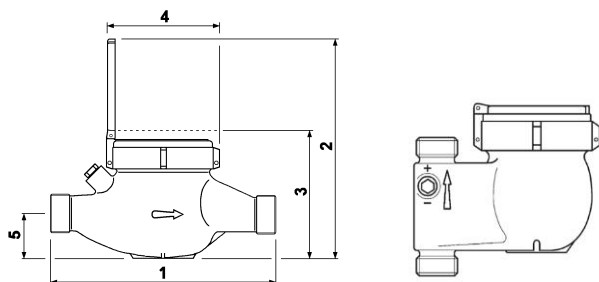
Temperature classes T70 & T90  
BCM- DN 15 / 20 / 25 / 32 / 40 / 50  
R from 40H to 80H  
R from 40V to 63V  
to be specified when ordering

## Liquid-filled sealed counter model

Temperature classes T30 & T50  
PFM- DN 15 / 20 / 25 / 32 / 40 / 50  
R from 40H to 315H  
R from 40V to 63V  
to be specified when ordering

### Technical data- DN in mm- inches

|                                                                              | 15-1/2                            | 20-3/4                    | 25-1        | 32-1.1/4    | 40-1.1/2                     | 50-2   |
|------------------------------------------------------------------------------|-----------------------------------|---------------------------|-------------|-------------|------------------------------|--------|
| Permanent Flow Rate $Q_3$ (m³/h)                                             | 2,5                               | 4,0                       | 6,3         | 10          | 16                           | 25     |
| Max. flow rate for short period $Q_4$ (m³/h)                                 | 3,125                             | 5,0                       | 7,875       | 12,5        | 20                           | 31,250 |
| Transitional flow rate $Q_2$ at measuring range R200H [MPE $\pm 2\%$ ] (l/h) | 20                                | 32                        | 50,40       | 80          | 128                          | 200    |
| Min. flow rate $Q_1$ with measuring range R200H [MPE $\pm 5\%$ ] (l/h)       | 12,5                              | 20                        | 31,5        | 50          | 80                           | 125    |
| Starting flow at measuring range R200H (l/h)                                 | 3                                 | 5                         | 8           | 8           | 15                           | 18     |
| Accuracy class                                                               | 2                                 |                           |             |             |                              |        |
| Environmental class                                                          | C (-25°C +55°C)                   |                           |             |             |                              |        |
| Pressure loss class $\Delta P$ (bar)                                         | 0,63                              |                           |             |             |                              |        |
| Max allowed working pressure MAP (bar)                                       | 16                                |                           |             |             |                              |        |
| Dial register from /to (m³)                                                  | 0,0001 / 100.000                  |                           |             |             | 0,0001 / 100.000 o 1.000.000 |        |
| 1) Length without couplings (mm)                                             | 110-115-130<br>145-165-170<br>190 | 130-160-165<br>170<br>190 | 160-220-260 | 160-220-260 | 300                          | 300    |
| Length with couplings (mm)                                                   | 190-195-210<br>225-245-250<br>270 | 260-265<br>290            | 320-360     | 320-360     | 440                          | 460    |
| 2) Height with open lid (mm)                                                 | 185                               | 185                       | 200         | 200         | 210                          | 220    |
| 3) Height with closet lid (mm)                                               | 105                               | 105                       | 120         | 120         | 130                          | 140    |
| 4) Max. diameter (mm)                                                        | 96                                | 96                        | 100         | 100         | 136                          | 136    |
| 5) Height of tube (mm)                                                       | 35                                | 35                        | 40          | 40          | 60                           | 70     |
| Weight with couplings (kg)                                                   | 1,650                             | 1,800                     | 3,200       | 3,500       | 6,100                        | 9,700  |
| Weight without couplings (kg)                                                | 1,500                             | 1,550                     | 2,750       | 2,800       | 5,100                        | 7,400  |



The following options are available upon request:

- ☐ Mod. BFM DN 15 high pressure version (40 bar)
- ☐ MAP 25 bar MID approved model
- ☐ Curved plexiglass glass, to ease distance reading
- ☐ Non- return valve fitted on the outlet nipple
- ☐ Red painted body
- ☐ serial number and its relevant barcode indelibly engraved on the dial
- ☐ Vertical riser body for vertical installation
- ☐ Models preset or fitted with single or double reed for pulse readout system
- ☐ Models preset or fitted with static sensor

Continuous development of our products may necessitate changes in details without prior notice -10.19

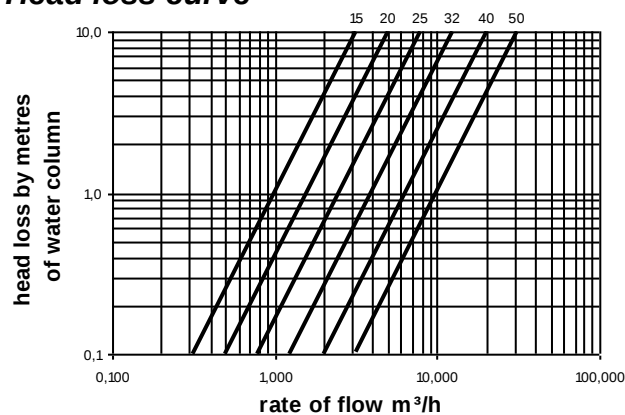


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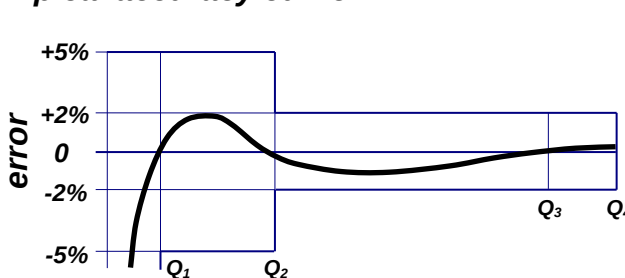


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### Head loss curve



### Typical accuracy curve



AZIENDA CON  
SISTEMA DI GESTIONE  
CERTIFICATO DA DNV  
ISO 9001 • ISO 14001  
ISO 45001