

G2 misuratori water meters



MULTI

- ☐ Multi-jet turbine straight reading meter
- ☐ Mod. BFM-R100, WET dial, measuring range R100, temperature classes T30 and T50, for clean water
- ☐ Mod. BFM-R160, WET dial, measuring range R160, temperature classes T30 and T50, for clean water
- ☐ Mod. BCM-R80, WET dial, measuring range R80, temperature classes T70 and T90, for clean water
- ☐ Mod. PFM-R100, LIQUID FILLED SEALED counter, measuring range R100, temperature classes T30 and T50, for turbid water
- ☐ Mod. PFM-R160, LIQUID FILLED SEALED counter, measuring range R160, temperature classes T30 and T50, for turbid water
- ☐ UO-D0: straight pipe not required upstream or downstream the meter
- ☐ All models can be customised with a **serial number and its relevant barcode indelibly engraved on the dial**
- ☐ All models are **MID** approved according to the European Directive **2004/22/CE** (module B+D) and in compliance with the norms **EN 14154** and **OIML R49**, reaching an **R (Q₃/Q₁) ≤ 200**
- ☐ All models are certified for use with water for human consumption, according to the **D.M. 174** of 6/4/2004
- ☐ All models, on request, can be supplied pulsed output or **preset for remote reading**

MULTY



Wet dial model

Temperature classes T30 & T50

BFM-R100 DN 15 / 20 / 25

32 / 40 / 50

BFM-R160 DN 15 / 20 / 25

32 / 40 / 50

Temperature classes T70 & T90

BCM-R80 DN 15 / 20 / 25

32 / 40 / 50

Liquid-filled sealed counter model

Temperature classes T30 & T50

PFM-R100 DN 15 / 20 / 25

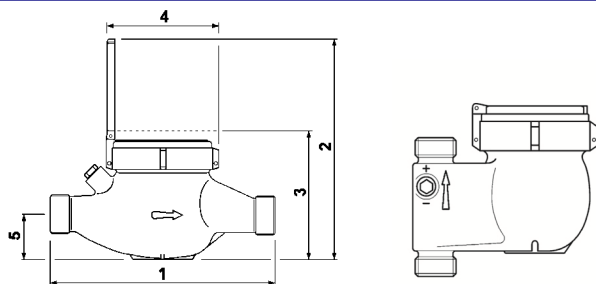
32 / 40 / 50

PFM-R160 DN 15 / 20 / 25

32 / 40 / 50

Different R available upon request (from R10 to R250)

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 R100 [MPE $\pm 2\%$] (l/h)	40	64	100,8	160	256	400
Min flow rate Q_1 with measuring range R100 [MPE $\pm 5\%$] (l/h)	25	40	63	100	160	250
Transitional flow rate Q_2 at measuring range R160 [MPE $\pm 2\%$] (l/h)	25	40	63	100	160	250
Min. flow rate Q_1 with measuring range R160 [MPE $\pm 5\%$] (l/h)	15,63	25	39,38	62,5	100	156,25
Starting flow at measuring range R100 (l/h)	8	10	19	19	40	40
Starting flow at measuring range R160 (l/h)	3	5	8	8	15	18
Accuracy class	2					
Environmental class	C					
Pressure loss class ΔP (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)	110-115-130 145-165-170 190	160-165 190	220-260	220-260	300	300
Length with couplings (mm)	190-195-210 225-245-250 270	260-265 290	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. QDFM 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
- ☐ 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
- ☐ Models fitted with radio module

Continuous development of our products may necessitate changes in details without prior notice – 11/13

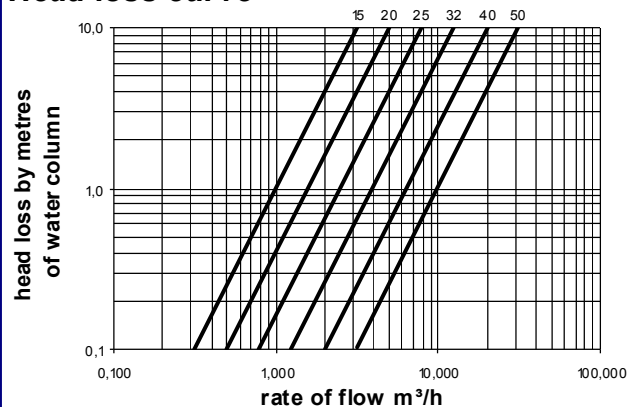


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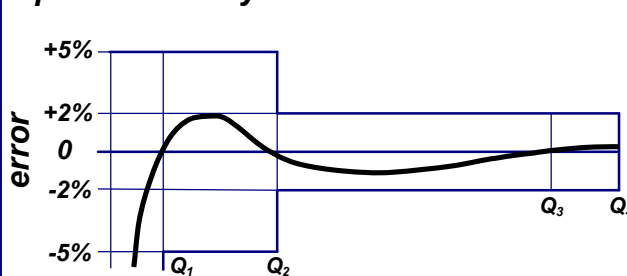
**water
meters**

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Head loss curve



Typical accuracy curve



COMPANY WITH QUALITY MANAGEMENT

SYSTEM CERTIFIED BY DNV

= ISO 9001:2008 =

CERT-03154-98-AQ-TRI-SINCERT

Design and manufacture of water meters



ASSOCIAZIONE COSTRUTTORI ITALIANI STRUMENTI DI MISURA