

GAER® MULTIJET® GMM WATER METER

CA-C0-202

The **Gaer® MultiJET® GMM** is a water meter with magnetic transmission and a dry recording head.

TECHNICAL SPECIFICATIONS

- **Available sizes:** 1/2" to 2" (DN15 – DN50).
- Maximum working pressure: PN16 (Brass) - PN10 (Plastic).
- **Maximum fluid temperature:** 50°C.
- Brass body. Optional plastic body.
- BSP thread connection. Optional NPT.

FEATURES

- Manufactured with materials of high quality and strength to prevent corrosion problems.
- IP68 recording head.
- Minimum pressure drop.
- Protected against magnetic field disturbances.
- Optionally supplied with check valve and pulse emitter.
- The water meter has an inlet filter that can be cleaned without breaking the metrological seal.

APPLICATIONS

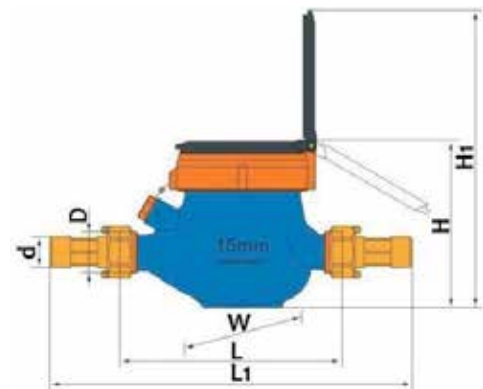
- Drinking water networks.
- Agriculture.
- Industry.

STANDARDS AND REGULATIONS

- Design according to ISO 4064:2005.
- Approved according to Directive 2014/32/EC, measuring instruments (MID), standard EN 14154+A2:2011 and International Recommendations OIML R 49, 2006.
- Module B - Examination of EC model type - TCM 142/18 - 5567.
- Module D - Quality system certificate - SK 17-QD-SMU018 Revision 0.
- Optionally supplied with check valve and pulse emitter.
- Suitable for drinking water.
- Q3/Q1 ratio, R80



DIMENSIONS



Nominal diameter	mm	15	20	25	32	40	50
	inches	1/2	3/4	1	1 1/4	1 1/2	2
L (mm)		165	190	260	260	300	300
L1 (mm)		259	294	380	384	431	448
D thread (inches)		3/4	1	1 1/4	1-1/2	2	2-1/2
d thread (inches)		1/2	3/4	1	1-1/4	1-1/2	2
H (mm)		107.5	107.5	117.5	117.5	141.5	177
H1 (mm)		191	191	206.5	206.5	256.5	292
W (mm)		94	94	98	98	122	145

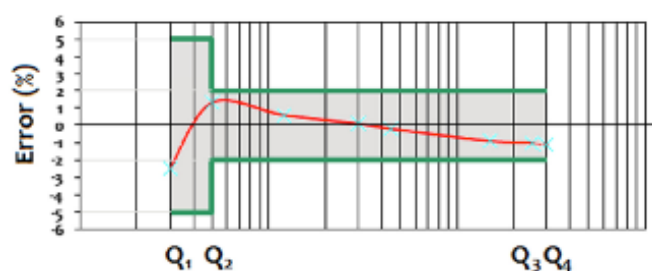
Optional dimensions

Diameter	DN15	DN20	DN25	DN32	DN40	DN50
L	110	160	160	160	200	280
	120	X	220	230	245	X
	130	X	225	X	X	X
	145	X	X	X	X	X
	170	X	X	X	X	X
	190	X	X	X	X	X

WORKING FLOWS

Diameter		Q4 Overload flow	Q3 Nominal flow	Q2 Transition flow	Q1 Minimum flow	Maximum recording capacity	Minimum reading	R Q3/Q1
mm	inches	m ³ /h	m ³ /h	l/h	l/h	m ³	litres	
15	1/2	3.125	2.5	50	31.25	99999.9999	0.05	80
20	3/4	5	4	80	50			
25	1	7.875	6.3	126	78.75			
32	1 1/4	12.5	10	200	125	999999.9999		
40	1 1/2	20	16	320	200			
50	2	31.25	25	500	312.5			

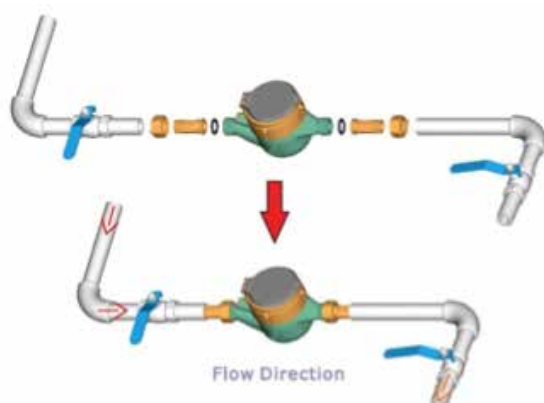
PERFORMANCE GRAPH



INSTALLATION REQUIREMENTS

- The water meter can be installed horizontally or vertically. For vertical installations, the water flow should be ascending.
- Operates only when full of water.
- Before installing the water meter, you should clean the pipes.
- This water meter model does not need straight sections for water flow stabilisation.

Installation example:



MAINTENANCE

GMM Gaer® water meters do not need regular preventive maintenance.

The water meter working range is between Q1 and Q4. However, working at flow rates that are too high may shorten the life of the water meter; while working at flow rates that are too low means the water meter is working in the area with the greatest inaccuracy in its range.

Installing a filter at the inlet keeps the water meter in good working order, regardless of the presence of impurities in the water.