

## MECHANICAL INFERENTIAL MULTIJET WATER METER

As per EWURA classification of water meters, Multijet water meters are called such because the water impacts the impeller at multiple points around its perimeter instead of doing it at a single point. Available in form of a dry dial or wet dial.

Applicable for small (Diameters typically range from 15 to 150 mm). Adequate for hard water with suspended particles. Mainly used for domestic applications, and are normally more cost effective than single jet meters in diameters larger than 20 mm. The accuracy of multijet meters is not affected much by changes in the velocity profile.

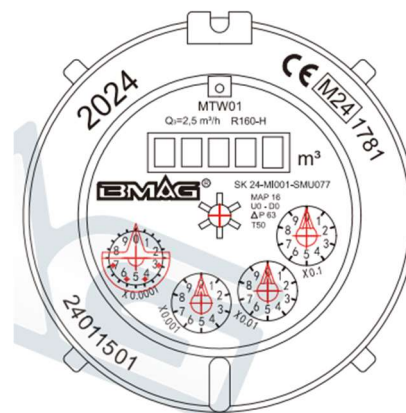
FASCOM INVESTMENT LIMITED in collaboration with FasFlow meters, brings you the best meters that comply with the local and global standards and are compatible with all sorts of environmental conditions.

### FEATURES

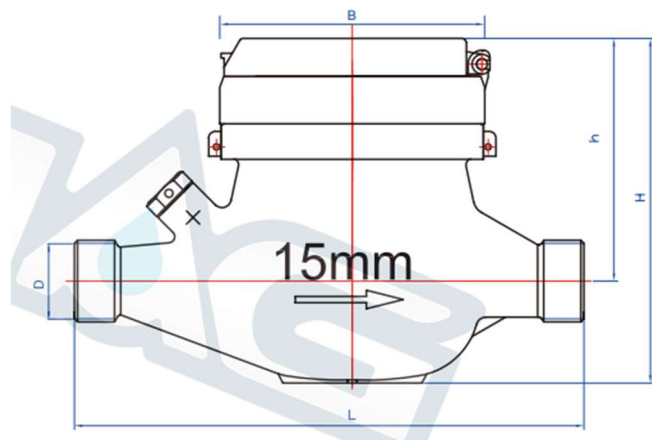
MTW IP68 R160/R200 Brass Multijet Dry type	TG Brass Multijet Dry type IP68 R160/R200	MJ-SDC-E Plastic Multijet Dry type R160/R200
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- Multi jet working principle assures a long service time
- Low pressure loss, high sensitivity at initial flow
- IP68 protection with copper/stainless steel/plastic register cup
- Reinforced glass with high resistance to pressure and impact
- Electrostatic painted body made of corrosion resistant brass (for brass ones)
- Protection against external magnetic fields
- Available for optical reading
- 360° rotating lid
- Pulse output and AMR reading features are optional
- Non return valve and filter available
- Suitable for potable water, cold water up to 50°C
- Almost no maintenance
- Vacuumed mechanism
- MID certified



## DIMENSION



Size	DN15	DN20	DN25	DN32	DN40	DN50
L (mm)	165/190	190	225/260	260	300	300
D	3/4	1	1-1/4	1-1/2	2	2-1/4
h	79	79	81	81	98	98
B (mm)	87	87	92	92	113	113
H (mm)	112	112	121	121	152	152

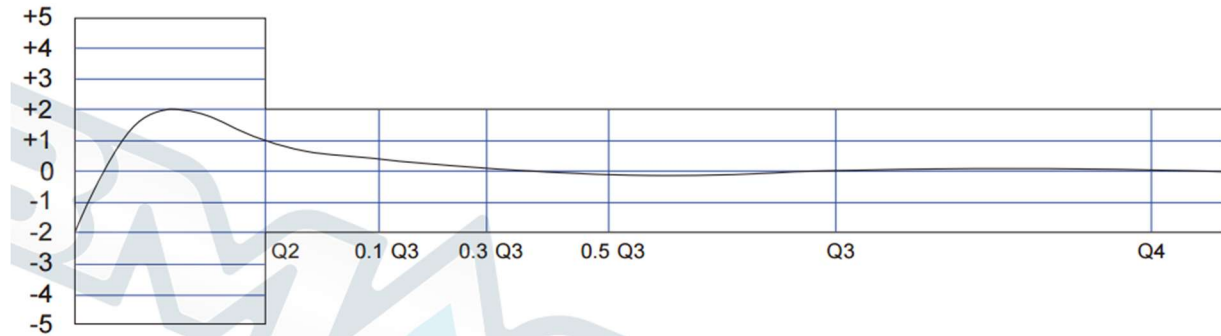
## TECHNICAL DATA

Size	Measurement	DN15	DN20	DN25	DN32	DN40	DN50
Overload Flowrate(Q4)	M <sup>3</sup> /h	3.125	5	7.875	12.5	20	31.25
Permanent Flowrate(Q3)	M <sup>3</sup> /h	2.5	4	6.3	10	16	25
Transitional Flowrate(Q2)	l/h	25	40	63	100	160	250
Minimum Flowrate(Q1)	l/h	15.625	25	39.375	62.5	100	156.25
Q3/Q1 (OIML R49)		=<R160=<R80V					
Overload Flowrate(Q4)	M <sup>3</sup> /h	3.125	5	7.875	12.5	20	31.25
Permanent Flowrate(Q3)	M <sup>3</sup> /h	2.5	4	6.3	10	16	25
Transitional Flowrate(Q2)	l/h	20	32	50.4	80	128	200
Minimum Flowrate(Q1)	l/h	12.5	20	31.5	50	80	125
Q3/Q1 (OIML R49)		=<R200=<R100V					
Mounting on the network/installation		Horizontal/vertical					
Max. Reading	m <sup>3</sup>	99999.9999			999999.9999		
Min. Reading	Liter					0.02	
Max. Working Pressure	bar					16	
Max. Working Temperature	°C					50	
Pressure Loss	bar					0.63	

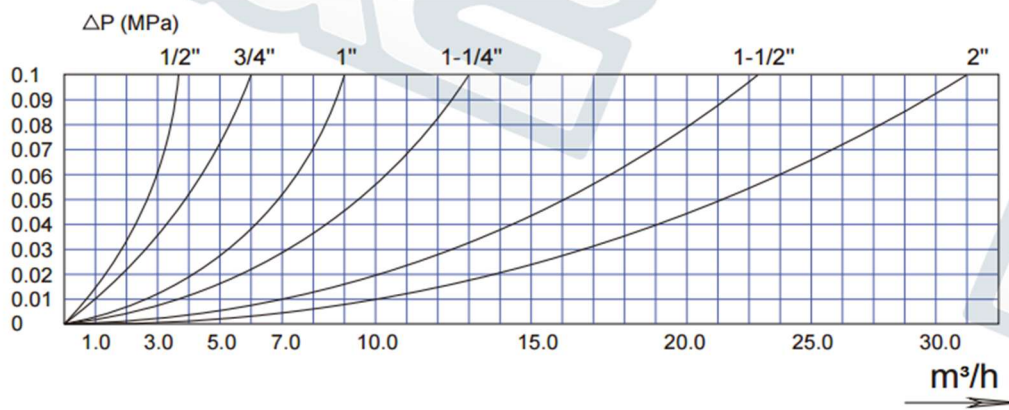
## ACCURACY (MAXIMUM PERMITTED ERROR)

From Q1 inclusive up to but excluding Q2 is  $\pm 5\%$ .

From Q2 inclusive up to and including Q4 is  $\pm 2\%$  for T30 and  $\pm 3\%$  for T50.



## ACCURACY (PRESSURE LOSS CURVE)



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