

# domus DBRF

wet dial, single jet  
water meter



altecnic

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## Design

The Altecnic Domus range of water meters for cold water applications offers a dependable and accurate reading of water consumption and is ideally suited for use in domestic premises and small commercial buildings.

Suitable for use with potable and clean water.

The white dials with black numerals and red indicators makes reading easier, even when light conditions are poor.

The Domus range has a protective hinged cover to protect the clear window when installed in concealed and dusty locations.

Product Code	Size	Connections	Type
GG-2003013	½"	screwed iron	wet dial, single jet
GG-2005020	¾"	screwed iron	wet dial, single jet
GG-2007025	1"	screwed iron	wet dial, single jet
GG-2007030	1¼"	screwed iron	wet dial, single jet
GG-2007040	1½"	screwed iron	wet dial, single jet

## Technical Specification

Single jet turbine water meter

Wet dial

Temperature class ½" & ¾":  
1" to 1½":

T30

T30 - T50

Measuring range:

R80 and R160

Dial range:

0 to 100,000 m³

May be installed in any position

U0-D0 -Straight pipe not required upstream or downstream of meter

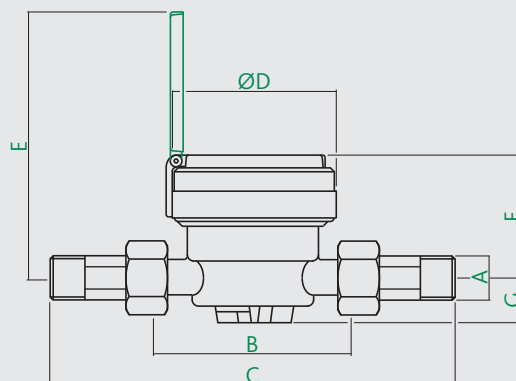
MID approved according to European  
Directive 2004/22/CE (module B + D)

In compliance with:

BS EN 14154  
OIML R49/200

Size A		½"	¾"	1"	1¼"	1½"
Q3	Nom. continuous flow rate m³/h	2.5	4	6.3	10	16
Q4	Max flow rate for short period m³/h	3.12	5	7.87	12.5	20
Q2	Transitional flow rate with measuring range R80 [MPE ± 2%] l/h	50	80	126	200	320
Q1	Min. flow rate with measuring range R80 [MPE ± 5%] l/h	31.2	50	78.7	125	200
Q2	Transitional flow rate with measuring range R160 [MPE ± 2%] l/h	25	40	63	100	160
Q1	Min. flow rate with measuring range R160 [MPE ± 5%] l/h	15.6	25	39.3	62.5	100
S	Accuracy at measuring range R80 l/h	10	15	20	20	25
S	Accuracy at measuring range R160 l/r	5	8	8	13	13
ΔP	Pressure loss class bar	0.63	0.63	0.63	0.63	0.63
MAP	Max. working pressure bar	16	16	16	16	16

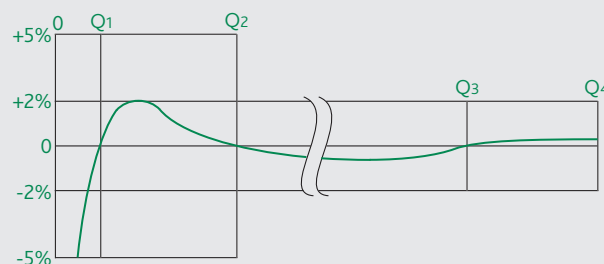
## Dimensions



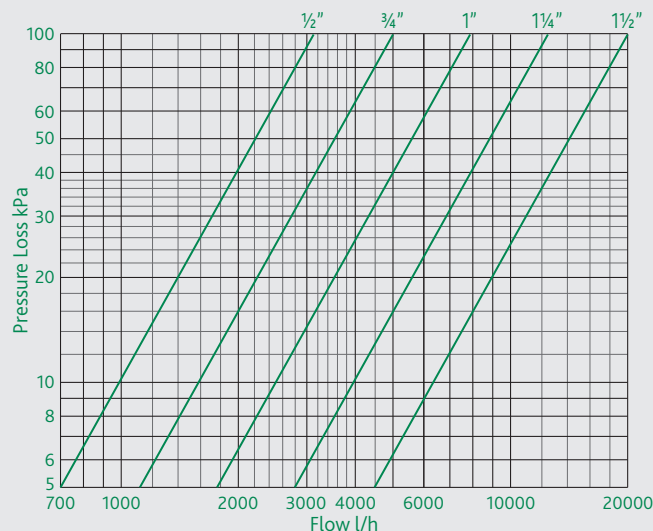
Size	A	B	C	D	E	F	G	kg*
G½B		110	190	80	150	83	24	0.84
G¾B		130	228	80	150	83	24	1.10
G1B		160	260	100	185	103	34	1.75
G1¼B		160	280	100	185	103	34	2.00
G1½B		200	340	110	200	120	42	3.46

\*including end connections

## Typical Accuracy Curve



## Flow Chart - Q4



## E & O.E

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