



# MODEL : NWGMW-15~40

Multi Jet Dry Dial Meter

## FEATURES

- Dry dial Magnetic drive
- Technical data confirming to ISO 4064 Standard
- Interchangeable spare parts
- Vacuum sealed Register giving IP-68 protection
- AMR Compatible - Pre Equipped Inductive / Magnetic Output
- NB-IoT, LoRaWAN, GSM/GRPS, RF Mode of Communication
- Body Material can be Brass or Plastic
- Accuracy R80 / R100 / R160
- Available for Cold / Hot Water
- Option of Plastic Can / Copper Can Register
- Available with Mid (CE) Certification



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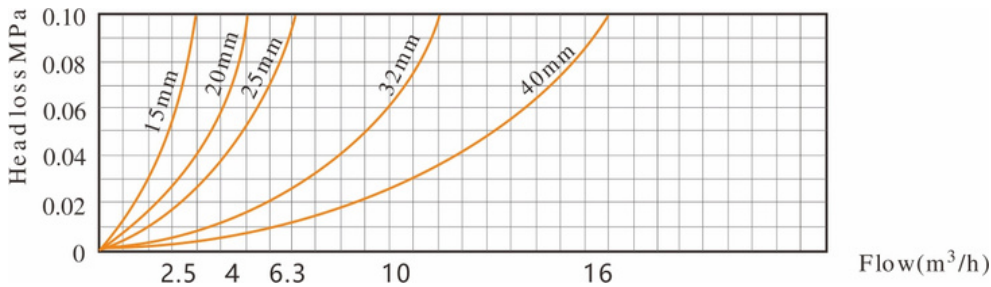
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## Main Technical Specification

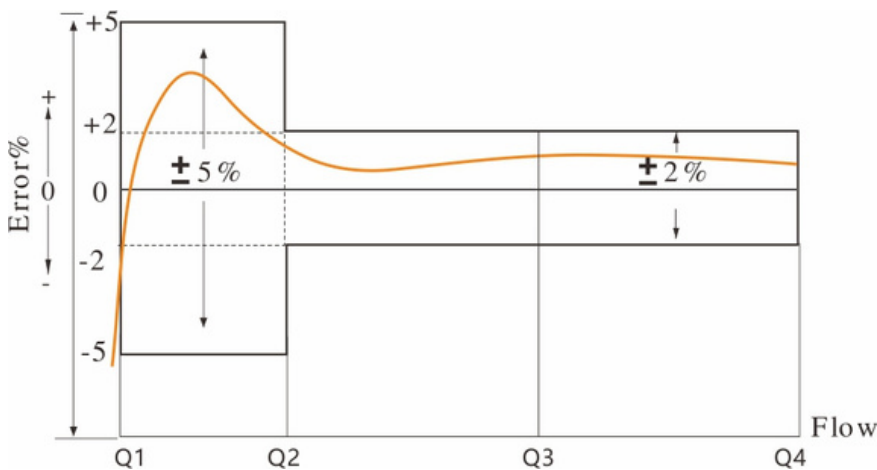
### Main Technical Data

| Nominal diameter (DN)(mm):         | 15      |       |          | 20   |       |       | 25      |        |          | 32    |      |        | 40   |       |      |
|------------------------------------|---------|-------|----------|------|-------|-------|---------|--------|----------|-------|------|--------|------|-------|------|
| Ratio Q3/Q1:                       | R80     | R100  | R160     | R80  | R100  | R160  | R80     | R100   | R160     | R80   | R100 | R160   | R80  | R100  | R160 |
| Overload flow rate (Q4) [m³/h]     | 3.125   | 3.125 | 3.125    | 5    | 5     | 5     | 7.875   | 7.875  | 7.875    | 12.5  | 12.5 | 12.5   | 20   | 20    | 20   |
| Permanent flow rate (Q3) [m³/h]    | 2.5     | 2.5   | 2.5      | 4    | 4     | 4     | 6.3     | 6.3    | 6.3      | 16    | 16   | 16     | 25   | 25    | 25   |
| Transitional flow rate (Q2) [m³/h] | 0.05    | 0.04  | 0.025    | 0.08 | 0.064 | 0.04  | 0.126   | 0.1008 | 0.063    | 0.2   | 0.16 | 0.1    | 0.32 | 0.256 | 0.16 |
| Minimum flow rate (Q1) [m³/h]      | 0.03125 | 0.025 | 0.015625 | 0.05 | 0.04  | 0.025 | 0.07875 | 0.063  | 0.039375 | 0.125 | 0.1  | 0.0625 | 0.2  | 0.16  | 0.1  |

### Head Loss Curve



### Error Curve



### Dimension & Weight

| Size               | mm | 15     | 20   | 25       | 32       | 40   |
|--------------------|----|--------|------|----------|----------|------|
| L                  | mm | 165    | 190  | 260      | 260      | 300  |
| H                  | mm | 106    | 106  | 110      | 110      | 120  |
| W                  | mm | 80     | 80   | 86       | 86       | 115  |
| D                  | mm | 3/4"   | 1"   | 1 1/4"   | 1 1/4"   | 2"   |
| Connection Thread: |    | G3/4"B | G1"B | G1 1/4"B | G1 1/2"B | G2"B |

### Blasted Assembly



### Maximum Permissible Error

- (Q1) inclusive upto excluding (Q2) is  $\pm 5\%$
- (Q2) inclusive upto and Including (Q4) is  $\pm 2\%$  cold;  $\pm 3\%$  hot

### Working Condition

Water Temperature: 50°C for Cold Water Meter & 90°C for Hot Water Meter

Working Pressure: 1.6MPa

Maximum Test Pressure: 2.0MPa

