

# BAYLAN

## WATER METERS

## BW-65

### Woltmann Type

### Cold Water Meters



#### GENERAL

- MID Certified
- IP68 protected dry type mechanism
- Suitable for all positions (Horizontal, Vertical, Inclined)
- Woltmann type design for industrial applications
- Low pressure loss, high sensitivity at initial flow
- Body internally/externally e/p powder painted
- Optical reading available • 3 years of warranty
- Pulse output and AMR reading features are optional
- Body made of Cast Iron with surface resistance to corrosion
- Comply with Standard BS 5728,
- Water temperature resistant up to 50°C
- Suitable for use in water supply
- Flanges comply with BS 4504
- Internal components suited to come into contact with drinking water
- Flanges drilled in accordance to DIN 2532/3 PN 16
- Service and spare parts available for 10 years

#### MAIN TECHNICAL DATA

Max Permissible Error in Upper Flow Rates  $Q2 \leq Q \leq Q4$  :  $\pm 2$  ( $\leq 30^\circ\text{C}$ ),  $\pm 3$  ( $\geq 30^\circ\text{C}$ ) (For Class 1  $\pm 1$  ( $\leq 30^\circ\text{C}$ )  $\pm 2$  ( $\geq 30^\circ\text{C}$ ))

Max Permissible Error in Lower Flow Rates  $Q1 \leq Q \leq Q2$  :  $\pm 5$  (For Class 1  $\pm 3$ )

Max Working Temperature : 50°C

Pressure Loss : 0,25 bar

Max Working Pressure : 16 bar

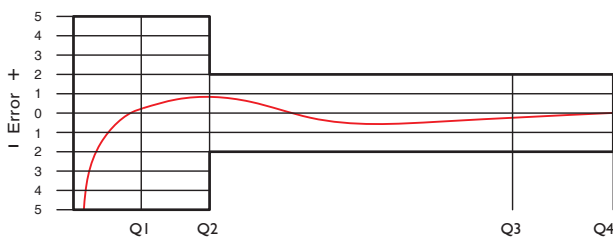
Class : Class 1 / Class 2

| METER<br>SIZE DIA<br>(mm) | TYPE  | Q3 / Q1 | Q4<br>MAX<br>FLOW | Q3<br>NOM.<br>FLOW | Q2<br>TRANSITIONAL<br>FLOW | Q1<br>MINIMUM<br>FLOW | SMALLEST<br>READING<br>RESOLUTION | MAX.<br>REGISTRATION<br>CAPACITY |
|---------------------------|-------|---------|-------------------|--------------------|----------------------------|-----------------------|-----------------------------------|----------------------------------|
|                           |       |         | m <sup>3</sup> /h |                    |                            |                       |                                   | m <sup>3</sup>                   |
| 65                        | BW-65 | ≤160    | 50                | 40                 | 0,40                       | 0,25                  | 0,001                             | 999999                           |

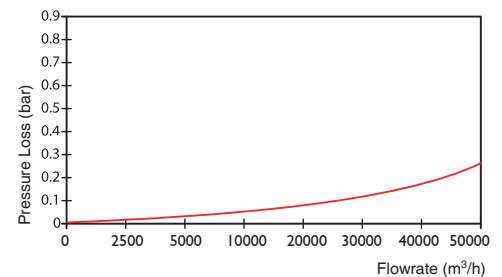
#### DIMENSIONS & WEIGHTS

| METER<br>SIZE DIA<br>(mm) | TYPE  | L<br>LENGTH | B<br>WIDTH | H<br>HEIGHT | CONNECTING FLANGE        |                                  |                                 | UNIT<br>WEIGHT<br>(Without<br>Flange) (kg) | PACKAGE<br>WEIGHT<br>(With Flange)<br>(kg) |
|---------------------------|-------|-------------|------------|-------------|--------------------------|----------------------------------|---------------------------------|--------------------------------------------|--------------------------------------------|
|                           |       |             |            |             | D2 (mm)<br>FLANGE<br>DIA | D1 (mm)<br>FLANGE HOLE<br>CENTER | CONNECTION<br>BOLT<br>(PCS-DIA) |                                            |                                            |
| 65                        | BW-65 | 200         | 185        | 200         | 185                      | 145                              | 4 - M16                         | 8,72                                       | 17,67                                      |

#### PERFORMANCE CURVE



#### PRESSURE LOSS CURVE



"Due to continuous development of our products, we reserve the right to modify our product design or construction without prior notice."