

# BAYLAN

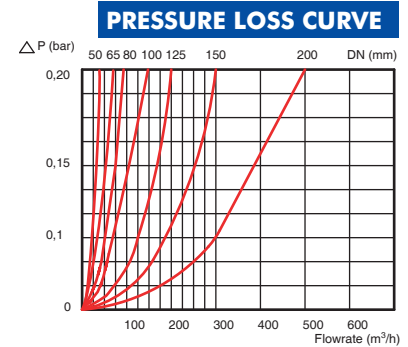
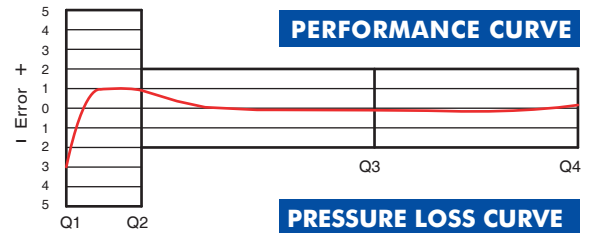
## WATER METERS

### 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
- 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
- Internal components suited to come into contact with drinking water
- Flanges comply with BS 4504
- Flanges drilled in accordance to DIN 2532/3 PN 16
- Service and spare parts available for 10 years



#### MAIN TECHNICAL DATA

Max. Water Temperature: 50°C - Max. Working Pressure: 16 bar  
 Max Permissible Error in Upper Flow Rates  $Q_2 \leq Q \leq Q_4$  :  $\pm 2\%$  ( $\leq 30^\circ\text{C}$ ),  $\pm 3\%$  ( $> 30^\circ\text{C}$ )  
 Max Permissible Error in Lower Flow Rates  $Q_1 \leq Q \leq Q_2$  :  $\pm 5\%$   
 Environmental Classes= Climatic :  $-10^\circ\text{C}/+55^\circ\text{C}$  - Mechanic: M1/O - Electromagnetic: E2

| METER SIZE DIA (mm) | TYPE | Q3 / Q1 | Q4 OVERLOAD FLOW  | Q3 NOMINAL FLOW | Q2 TRANSITIONAL FLOW | Q1 MINIMUM FLOW | SCALE INTERVAL | CAPACITY OF CALCULATOR |
|---------------------|------|---------|-------------------|-----------------|----------------------|-----------------|----------------|------------------------|
|                     |      |         | m <sup>3</sup> /h |                 |                      |                 |                |                        |
| 50                  | W-6  | ≤ 80    | 31,25             | 25              | 0,5                  | 0,3125          | 0,001          | 999999                 |
| 65                  | W-0  | ≤ 80    | 50                | 40              | 0,8                  | 0,5             | 0,001          | 999999                 |
| 80                  | W-1  | ≤ 80    | 78,75             | 63              | 1,26                 | 0,79            | 0,001          | 999999                 |
| 100                 | W-2  | ≤ 80    | 125               | 100             | 2                    | 1,25            | 0,001          | 999999                 |
| 125                 | W-3  | ≤ 80    | 200               | 160             | 3,2                  | 2               | 0,001          | 999999                 |
| 150                 | W-4  | ≤ 80    | 312,5             | 250             | 5                    | 3,125           | 0,01           | 9999999                |
| 200                 | W-5  | ≤ 80    | 500               | 400             | 8                    | 5               | 0,01           | 9999999                |

#### DIMENSIONS & WEIGHTS

| METER SIZE DIA (mm) | TYPE | L LENGTH | B WIDTH | H HEIGHT | AXIS HEIGHT | CONNECTING FLANGE   |                            |                           | PACKAGE WEIGHT (Without Flange) (kg) | PACKAGE WEIGHT (With Flange) (kg) |
|---------------------|------|----------|---------|----------|-------------|---------------------|----------------------------|---------------------------|--------------------------------------|-----------------------------------|
|                     |      |          |         |          |             | D2 (mm) FLANGE DIA. | D1 (mm) FLANGE HOLE CENTER | CONNECTION BOLT (PCS-DIA) |                                      |                                   |
| 50                  | W-6  | 200      | 165     | 215      | 75          | 165                 | 125                        | 4 - M16                   | 12,60                                | 18,45                             |
| 65                  | W-0  | 200      | 185     | 225      | 75          | 185                 | 145                        | 4 - M16                   | 13,90                                | 20,32                             |
| 80                  | W-1  | 225      | 200     | 232      | 95          | 200                 | 160                        | 8 - M16                   | 15,60                                | 22,55                             |
| 100                 | W-2  | 250      | 220     | 250      | 105         | 220                 | 180                        | 8 - M16                   | 18,10                                | 25,56                             |
| 125                 | W-3  | 250      | 250     | 268      | 120         | 250                 | 210                        | 8 - M16                   | 19,85                                | 29,75                             |
| 150                 | W-4  | 300      | 285     | 340      | 135         | 285                 | 240                        | 8 - M20                   | 49,20                                | 62,30                             |
| 200                 | W-5  | 350      | 340     | 375      | 162         | 340                 | 295                        | 12 - M20                  | 67,55                                | 81,20                             |

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