

BAYLAN

WATER METERS

BW-80

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 $Q2 \leq Q \leq Q4$: ± 2 ($\leq 30^\circ\text{C}$), ± 3 ($\geq 30^\circ\text{C}$) (For Class 1 ± 1 ($\leq 30^\circ\text{C}$) ± 2 ($\geq 30^\circ\text{C}$))

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

Max Working Temperature : 50°C

Pressure Loss : 0,25 bar

Max Working Pressure : 16 bar

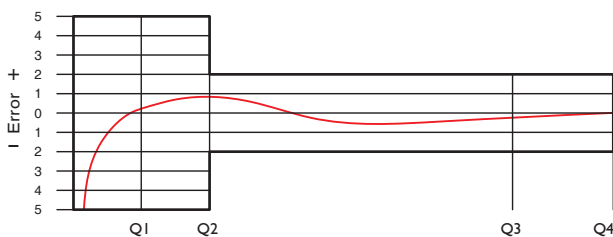
Class : Class 1 / Class 2

METER SIZE DIA (mm)	TYPE	Q3 / Q1	Q4 MAX FLOW	Q3 NOM. FLOW	Q2 TRANSITIONAL FLOW	Q1 MINIMUM FLOW	SMALLEST READING RESOLUTION	MAX. REGISTRATION CAPACITY
			m ³ /h				m ³	
80	BW-80	≤ 160	78,75	63	0,63	0,39375	0,001	999999

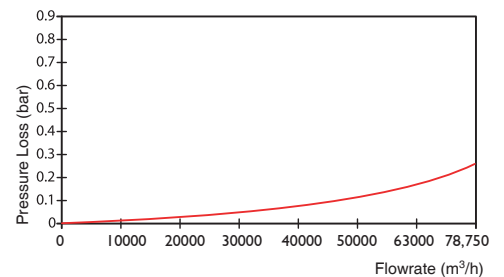
DIMENSIONS & WEIGHTS

METER SIZE DIA (mm)	TYPE	L LENGTH	B WIDTH	H HEIGHT	CONNECTING FLANGE			UNIT WEIGHT (Without Flange) (kg)	PACKAGE WEIGHT (With Flange) (kg)
					D2 (mm) FLANGE DIA	D1 (mm) FLANGE HOLE CENTER	CONNECTION BOLT (PCS-DIA)		
80	BW-80	225	199,5	234	200	160	8 - M16	12,90	19,55

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."