

# BAYLAN

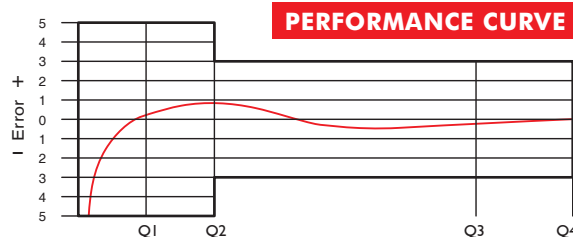
## WATER METERS

### BWS WOLTMANN Type Hot Water Meters

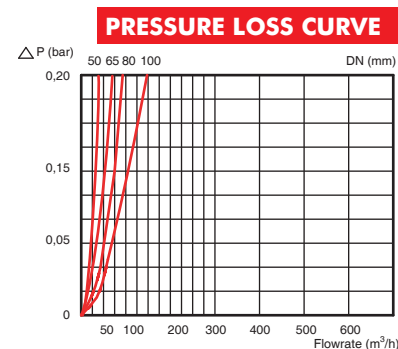


#### GENERAL

- 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
- Comply with Standard BS 5728,
- Water temperature resistant up to 90°C
- Suitable for use in water supply
- Flanges comply with BS 4504
- Flanges drilled in accordance to DIN 2532/3 PN 16
- Internal components suited to come into contact with drinking water
- Body made of Cast Iron GG25 with surface resistance to corrosion
- Service and spare parts available for 10 years



PERFORMANCE CURVE



PRESSURE LOSS CURVE

#### MAIN TECHNICAL DATA

Max. Water Temperature: 90°C - Max. Working Pressure: 16 bar

Q2 ≤ Q ≤ Q4 Maximum Permissible Error

Class 2 Water Meters; ±2% (Water Temp. ≤ 30°C), ±3% (Water Temp. > 30°C)

Class 1 Water Meters; ±1% (Water Temp. ≤ 30°C), ±2% (Water Temp. > 30°C)

Q1 ≤ Q < Q2 Maximum Permissible Error

Class 2 Water Meters; ±5% | Class 1 Water Meters; ±3%

Environmental Classes = Climatic : -10°C/+55°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	SMALLEST READING RESOLUTION	MAX. REGISTRATION CAPACITY
			m <sup>3</sup> /h					
50	BWS-50	≤100	31,25	25	0,4	0,25	0,001	999999
65	BWS-65	≤100	50	40	0,64	0,40	0,001	999999
80	BWS-80	≤100	78,75	63	1,00	0,63	0,001	999999
100	BWS-100	≤100	125	100	1,60	1,00	0,001	999999
125	BWS-125	≤100	200	160	2,56	1,60	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)		
50	BWS-50	200	165	190,2	165	125	4 - M16	8,20	12,72
65	BWS-65	200	185	200	185	145	4 - M16	9,52	14,75
80	BWS-80	225	199,5	234	200	160	8 - M16	13,86	19,95
100	BWS-100	250	220	244	220	180	8 - M16	14,63	22,00
125	BWS-125	275	250	286	250	210	8 - M16	20,50	32,40

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