

BAYLAN

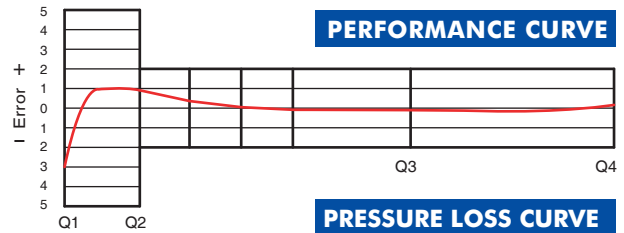
WATER METERS

WOLTMANN Type Cold Water Meters

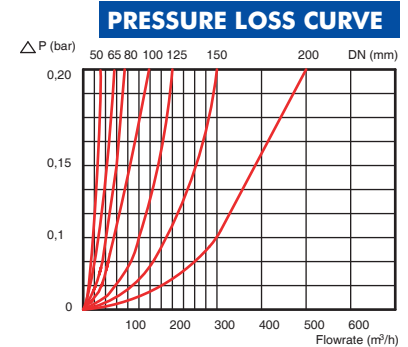


GENERAL

- MID Certified
- Suitable for all positions (Horizontal, Vertical, Inclined)
- Woltmann type design for industrial applications
- IP68 protected dry type mechanism
- Suitable for potable water
- 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
- Special, thick glass with resistance to impacts
- Almost no maintenance
- Service and spare parts available for 10 years



PERFORMANCE CURVE



PRESSURE LOSS CURVE

MAIN TECHNICAL DATA

At low flows : $\pm 5\%$ (error) between minimum flow rate (Q₁) and transitional flow rate (Q₂)
 At high flows : $\pm 2\%$ (error) between transitional flow rate (Q₂) and overload flow rate (Q₄)
 Max. Working Temperature : 50°C
 Max. Working Pressure : 16 bar

METER SIZE DIA (mm)	TYPE	Q ₃ / Q ₁	Q ₄ MAX FLOW	Q ₃ NOM. FLOW	Q ₂ TRANSITIONAL FLOW	Q ₁ MIN. FLOW	SMALLEST READING RESOLUT.	MAX. REGISTRATION CAPACITY
			m ³ /h					
50	W 6	25/50/63/80	31,25	25	1,600/0,800/0,635/0,500	1,000/0,500/0,397/0,313	0,001	999999
65	W 0	25/50/63/80	50	40	2,560/1,280/1,015/0,800	1,600/0,800/0,634/0,500	0,001	999999
80	W 1	25/50/63/80	78,75	63	4,032/2,016/1,600/1,260	2,520/1,260/1,000/0,788	0,001	999999
100	W 2	25/50/63/80	125	100	6,400/3,200/2,540/2,000	4,000/2,000/1,587/1,250	0,001	999999
125	W 3	25/50/63/80	200	160	10,240/5,120/4,063/3,200	6,400/3,200/2,540/2,000	0,001	999999
150	W 4	25/50/63/80	312,5	250	16,000/8,000/6,350/5,000	10,000/5,000/3,968/3,125	0,01	9999999
200	W 5	25/50/63/80	500	400	25,600/12,800/10,158/8,000	16,000/8,000/6,349/5,000	0,01	9999999

DIMENSIONS & WEIGHTS

METER SIZE DIA (mm)	L LENGTH	B WIDTH	H HEIGHT	CONNECTING FLANGE			PACKAGE WEIGHT (Without Flange) (kg)	PACKAGE WEIGHT (With Flange) (kg)
				D2 (mm) FLANGE DIA	D1 (mm) BOLT CIRCLE DIA.	CONNECTION BOLT (PCS-DIA)		
50	200	165	215	165	125	4 - M16	12.60	18.45
65	200	185	235	185	145	2-M16 + 2-M14	13.90	20.32
80	225	200	240	200	160	8 - M16	15.60	22.55
100	250	220	245	220	180	8 - M16	18.10	25.56
125	250	250	260	250	210	8 - M16	19.85	29.75
150	300	285	310	285	240	8 - M20	49.20	62.30
200	350	340	385	340	295	8 - 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."