

Water Meter Specifications

Vertical Woltmann Technology Meter
DN50, 75, 100

Model

BFWD50E
BFWD75E
BFWD100E

1. General description

BFW is a vertical Woltmann technology water meter. In the measuring chamber, the helix impeller is set vertically and axial flow hits the helix. The direct magnetic transmission, with no gear in the water, transmits the rotation of the helix to the register.

2. Materials

Measuring chamber	Ductile iron
Register	Synthetic resins
Helix impeller	Synthetic resins
Register box	Synthetic resins

3. Performance and dimensions

Model name	BFWD50E	BFWD75E	BFWD100E	
Diameter DN (mm)	50	75	100	
Permanent flow rate Q_3 (m ³ /h)	40	63	100	
Performance ratio R	100			
Flow range of maximum permissible error (m ³ /h)	± 5%	0.4ÖQ < 0.64	0.63ÖQ < 1.008	1.0ÖQ < 1.6
	± 2%	0.64ÖQ Ö50	1.008ÖQ Ö78.75	1.6ÖQ Ö125.0
Capacity (m ³ /day)	10 hour use / day	140	218	345
	24 hour use / day	250	390	620
Head loss at Q_3 (MPa)	Ö0.063			
Maximum working pressure (MPa)	1			
Totalizer (6 digits in m ³)	Minimum scale (L)	1		
	Largest volume (m ³)	999,999		
Working maximum water temperature (°C)	30			
Length (mm)	245	300	350	
Weight (kg)	Ductile iron	13	19	25

These specifications might be changed without notice.