

Water Meter Specifications

Multi-jet Technology Electrical Meter DN20, 25	Model	EA20E EA25E
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1. General description

EA series is a multi-jet technology water meter. In the measuring chamber, the impeller is set vertically and flow hits the impeller. EA series has a built-in micro-controller which measures the flow rate by counting the rotation of the helix and displayed it on the LCD unit. Also it gives the EA series many good features, such as periodical flow rate data storage - load survey data – or leakage detection. EA series has pulse output function, too.

2. Materials

Measuring chamber	Casting bronze
Register	Synthetic resins
Impeller	Synthetic resins
Register box	Synthetic resins

3. Performance and dimensions

Model name	EA20E	EA25E
Diameter DN (mm)	20	25
Permanent flow rate Q_3 (m ³ /h)	4.0	6.3
Performance ratio R	100	
Flow range of maximum permissible error (m ³ /h)	$\pm 5\%$	0.04ÖQ <0.064
	$\pm 2\%$	0.064ÖQ Ö5.0
Capacity (m ³ /day)	10 hour use / day	12
	24 hour use / day	20
Head loss at Q_3 (MPa)	Ö0.063	
Maximum working pressure (MPa)	1	
Totalizer (6 digits in m ³)	Minimum scale (L)	0.1
	Largest volume (m ³)	9,999
Working maximum water temperature (°C)	30	
Pulse output rate	10L/p, 100L/p, 1m ³ /p	
Battery life	More than 8 years	
Length (mm)	190	225
Weight (kg)	2	2.2

These specifications might be changed without notice.