

Name	Product Specifications		Model	KKDA013-E0A	1/1
	Date November 28 <sup>th</sup> 2014				

## KKDA type 13mm display rotating water meter (Eco Meter)

### ○ Specifications and Performance

Type and caliber		KKDA 13 (Eco meter)
Item		
Measuring principle	Tangential flow impeller type Single Jet type	
Display	Format	Dry digital display
	Min. scale	1 L
	Maximum indication	9,999.9 m <sup>3</sup>
	Rotation range	0 ~ 330° (every 15°)
Performance	Q3/Q1 : Measurement range	100
	Q1 : Fixed min. flow rate	0.025 m <sup>3</sup> /h
	Q2 : Transfer flow rate	0.04 m <sup>3</sup> /h
	Q3 : Maximum flow rate	2.5 m <sup>3</sup> /h
	Q4 : Limit flow rate	3.125 m <sup>3</sup> /h
	Tolerance	0.025 ≤ Q < 0.04 m <sup>3</sup> /h
		0.04 ≤ Q ≤ 3.125 m <sup>3</sup> /h
Conditions of use	Q3 Pressure loss	
	Less than 0.063 MPa	
	Appropriate operating flow range	
	※ 0.1 ~ 1 m <sup>3</sup> /h	
	Max. allowable working pressure	
	1 MPa	
External dimensions	Ambient operating temperature	
	55° C or less (according to JIS standard) Please make sure that the installation conditions are such that the ambient temp is below this level.	
	Fluid temperature range	
	Min. allowable operating temp. 0.1° C (according to JIS standard) Max. allowable operating temp. 30° C (according to JIS standard)	
Mounting position	Mounting position	
	Horizontal	
Mounting screw	Overall Length	
	100 mm	
	Overall height	
	95 mm	
Case Material	WIDTH	
	82 mm	
Weight	Center height	
	23 mm	
Type Approval Number	Water supply screw (parallel screw for pipe)	
	G 3/4 (26.441 Pich 14)	
Kimmon screw		25.8 Pich 14
Case Material		CAC804 (unpainted)
Weight		0.6 kg
Type Approval Number		No. L146

※ How to Select a Water Meter - A Commentary for Practitioners (April 2014,  
Japan Water Works Association)