

Name	Product Specifications	Model	KKDA013-E0A	1/1
		Date	November 28 <sup>th</sup> 2014	
Model	<b>KKDA type 13mm display rotating water meter (Eco Meter)</b>			

○ 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	± 5%	0.025 ≤ Q < 0.04 m <sup>3</sup> /h	
		± 2%	0.04 ≤ Q ≤ 3.125 m <sup>3</sup> /h	
Q3 Pressure loss	Less than 0.063 MPa			
Conditions of use	Appropriate operating flow range	※0.1 ~ 1 m <sup>3</sup> /h		
	Max. allowable working pressure	1 MPa		
	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	Horizontal		
External dimensions	Overall Length	100 mm		
	Overall height	95 mm		
	WIDTH	82 mm		
	Center height	23 mm		
Mounting screw	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)