

Name	Product Specifications	Model	NKDA040-E0C	1/1
		Date	May 25, 2012	
Model	NKDA type 40mm Dry-type water meter (Eco Meter)			

○ Specifications and Performance

Type and caliber		NKDA40 (Eco meter)		
Item				
Measuring principle		Tangential flow impeller type Double jet type		
Display	Format	Dry digital display		
	Min. scale	1 L		
	Maximum indication	99,999.9 m ³		
Performance	Q3/Q1 : Measurement range	100		
	Q1 : Fixed min. flow rate	0.1 m ³ /h		
	Q2 : Transfer flow rate	0.16 m ³ /h		
	Q3 : Maximum flow rate	10 m ³ /h		
	Q4 : Limit flow rate	12.5 m ³ /h		
	Tolerance	± 5%	0.1 ≤ Q < 0.16 m ³ /h	
		± 2%	0.16 ≤ Q ≤ 12.5 m ³ /h	
Q3 Pressure loss		0.063 MPa 以下		
Conditions of use	Appropriate operating flow range	※0.5 ~ 4 m ³ /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	245 mm		
	Overall height	118 mm		
	WIDTH	108 mm		
	Center height	45 mm		
Mounting screw	Water supply screw (parallel screw for pipe)	G2 (59.6 Pich 11)		
	Kimmon screws	56.0 Pich 11		
Case Material		CAC804 (unpainted)		
Weight		2.9 kg		
Type Approval Number		No. L1036		

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