

Name	Product Specifications	Model	NKDA020-E0C	1/1
		Date	May 25, 2012	
Model	NKDA type 20mm Dry-type water meter (Eco Meter)			

○ Specifications and Performance

Type and caliber		NKDA20 (Eco meter)		
Item				
Measuring principle		Tangential flow impeller type Double jet type		
Display	Format	Dry digital display		
	Min. scale	1 L		
	Maximum indication	9,999.9 m <sup>3</sup>		
Performance	Q3/Q1 : Measurement range	1 0 0		
	Q1 : Fixed min. flow rate	0.04 m <sup>3</sup> /h		
	Q2 : Transfer flow rate	0.064 m <sup>3</sup> /h		
	Q3 : Maximum flow rate	4 m <sup>3</sup> /h		
	Q4 : Limit flow rate	5 m <sup>3</sup> /h		
	Tolerance	± 5%	0.04 ≤ Q < 0.064 m <sup>3</sup> /h	
		± 2%	0.064 ≤ Q ≤ 5 m <sup>3</sup> /h	
Q3 Pressure loss		Less than 0.063 MPa		
Conditions of use	Appropriate operating flow range	※0.2 ~ 1.6 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	190 mm		
	Overall height	108 mm		
	WIDTH	98 mm		
	Center height	35 mm		
Mounting screw	Water supply screw (parallel screw for pipe)	G 1 (33.249 Pich 11)		
	Kimmon screw	33.0 Pich 14		
Case Material		CAC804 (unpainted)		
Weight		1.7 kg		
Type Approval Number		No. L0815		

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