

Name	Product Specifications	Model	NKDS050-E0D	1/1
		Date	February 27, 2013	

Model	NKDS type 50mm Dry-type water meter (Eco Meter)
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○ Specifications and Performance

Type and caliber		NKDS50 (Eco meter)		
Item				
Measuring principle		Vertical axial-flow impeller Woltmann 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	0.16 m ³ /h		
	Q2 : Transfer flow rate	0.256 m ³ /h		
	Q3 : Maximum flow rate	16 m ³ /h		
	Q4 : Limit flow rate	20 m ³ /h		
	Tolerance	± 5%	0.16 ≤ Q < 0.256 m ³ /h	
		± 2%	0.256 ≤ Q ≤ 20 m ³ /h	
Q3 Pressure loss		Less than 0.063 MPa		
Conditions of use	Appropriate operating flow range	※0.4 ~ 6.5 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	152 mm		
	WIDTH	128 mm		
	Center height	55 mm		
Mounting screw	Water supply screw (parallel screw for pipe)	G 2 · 1 / 2 (75.2 Pitch 1.1)		
Case Material		CAC804 (unpainted)		
Weight		About 5.0 kg		
Type Approval Number		No. L1038		

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