

Name	Product Specifications	Model	NKDS040-E0BC	1/1
		Date	May 25, 2012	

Model	NKDS type 40mm Dry-type water meter (Eco Meter)
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○ Specifications and Performance

Type and caliber		NKDS40 (Eco meter)		
Item				
Measuring principle		Vertical axial-flow impeller Woltmann type		
Display	Format	Dry digital display		
	Min. scale	1 L		
	Maximum indication	9 9, 9 9 9. 9 m ³		
Performance	Q3/Q1 : Measurement range	1 0 0		
	Q1 : Fixed min. flow rate	0. 1 6 m ³ /h		
	Q2 : Transfer flow rate	0. 2 5 6 m ³ /h		
	Q3 : Maximum flow rate	1 6 m ³ /h		
	Q4 : Limit flow rate	2 0 m ³ /h		
	Tolerance	± 5 %	0. 1 6 ≤ Q < 0. 2 5 6 m ³ /h	
		± 2 %	0. 2 5 6 ≤ Q ≤ 2 0 m ³ /h	
Q3 Pressure loss		Less than 0. 0 6 3 MP a		
Conditions of use	Appropriate operating flow range	※ 0. 4 ~ 6. 5 m ³ /h		
	Max. allowable working pressure	1 MP a		
	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	2 4 5 mm		
	Overall height	1 4 2 mm		
	WIDTH	1 2 8 mm		
	Center height	4 5 mm		
Mounting screw	Water supply screw (parallel screw for pipe)	G 2 (5 9. 6 Pich 1 1)		
	Kimmon screws	5 6. 0 Pich 1 1		
Case Material		C A C 8 0 4 (unpainted)		
Weight		About 4. 2 kg		
Type Approval Number		No. L 1 0 3 8		

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