

# DLV7300-BME/BKE series ■ For Miniature Screws (1.0 - 3.5 mm)

## Features

### Workpiece-conscious electric screwdrivers.

- Statistic electricity buildup is prevented to protect workpieces from electrostatic discharge.
- Minimal impact in screw tightening protects workpieces from damaging and enables stable screw tightening.
- Meet Class 5\* or more Clean Room standards.

\*Based on Nitto's standard of measurement.

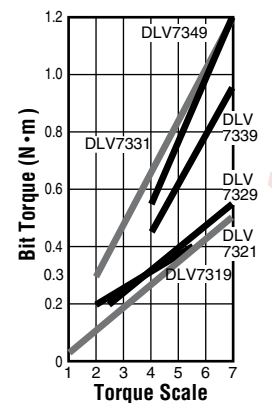


**DLC1213A-□□B**

## Specifications

		ESD		ESD / Low Shock				
Electric Screwdriver	<b>Model</b>	Bit Shank:ø4 mm Bit Shank:Hex. 6.35 mm	DLV7321-BME*1	DLV7331-BME*1	DLV7319-BME*1	DLV7329-BME*1	DLV7339-BME	DLV7349-BME*1
	<b>Starting Method</b>		Lever Start					
	<b>Input Voltage</b>		36 V DC					
	<b>Torque Adjustment</b>		Stepless					
	<b>Torque</b> (N-m)		0.05 - 0.5	0.3 - 1.2	0.2 - 0.4	0.25 - 0.55	0.45 - 0.95	0.55 - 1.2
	<b>Free Speed</b> (min <sup>-1</sup> )		700 - 1,000	500 - 700	700 - 1,000			500 - 700
	<b>Power Consumption</b> (W)		Approx. 35					
	<b>Screw Size</b> (mm)	Machine Screw	1.0 - 3.0	2.0 - 3.5	2.0 - 3.0		3.0 - 3.5	
		Tapping Screw	1.2 - 2.6	2.0 - 3.0	2.0 - 2.6		2.6 - 3.0	
	<b>Bit Type</b> (mm)	For BME						
		For BKE						
<b>Mass</b> (g)		350			400			

## Torque Diagram (for reference)



\*1: These models are made to order.

Controller	Model	Input Voltage	Shape of Plug for Power Supply	Control	Mass(kg)
	<b>DLC1213A-ENB</b>	100 V AC, 50/60 Hz	USA	Grounding, Auto Stop, Soft Start, Speed Control	2.3
	<b>DLC1213A-FEB*1</b>	115 V AC, 50/60 Hz	USA		
	<b>DLC1213A-GGB</b>	230 V AC, 50/60 Hz	Europe		
	<b>DLC1213A-HEB</b>	240 V AC, 50/60 Hz	UK		

\*1: This model is made to order.

Measurement Point		Conventional Product	DLV7300-B□E
Handle	Static Electricity (V)	350	5
	Surface Resistance (Ω)	more than 10 <sup>13</sup>	10 <sup>4</sup>
Lever Switch	Static Electricity (V)	350	2
	Surface Resistance (Ω)	more than 10 <sup>13</sup>	10 <sup>4</sup>
Forward / Reverse Switch	Static Electricity (V)	25	2
Power Cable	Static Electricity (V)	110	5
	Surface Resistance (Ω)	more than 10 <sup>13</sup>	10 <sup>10</sup>

Part	Material
Handle Lever Switch	Synthetic resin with carbon fiber
Power Cable	Anti-static material

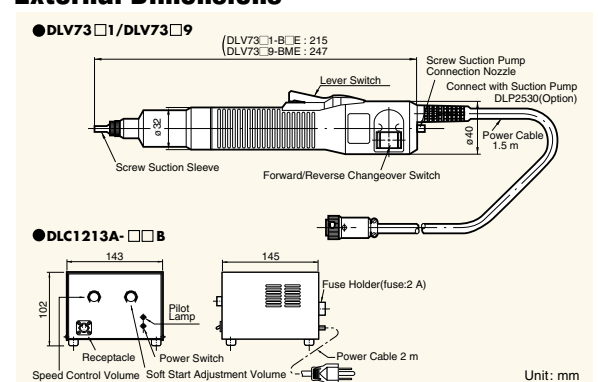
\*Measurement conditions (Temperature:22 °C Humidity:66 %)

- (1) Static electricity ●Earth the measurement equipment and measuring person.  
●Grip the screwdriver five times using Ansel Edmont electronic control glove.  
●Turn on the switch of the screwdriver. ●Measure each part of the screwdriver using electronic measurement equipment manufactured by Shishido electrostatic Ltd.  
(2) Surface resistance ●Measure using Simco Japan surface resistivity measurement equipment.

## Standard Accessories

	No.	DLV7319/29-BME	DLV7339/49-BME	DLV7321-BME	DLV7331-BME	DLV7321/31-BKE
Bit	No.0 x 2.5 x 44	1	—	1	—	—
	No.1 x 3 x 44	—	1	—	1	—
	No.1 x 4 x 44	1	—	1	—	—
	No.1 x 7 x 50	—	—	—	—	1
	No.2 x 4 x 44	—	1	—	1	—
	No.2 x 7 x 50	—	—	—	—	1
Sleeve	DLS2124	1	—	—	—	—
	DLS2127	1	1	—	—	—
	DLS2130	1	1	—	—	—
	DLS2134	—	1	—	—	—
Suspension Bail				1		

## External Dimensions



Unit: mm

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