

Low Voltage (DC)
 Brush motor / Brushless motor
 Miniature screw / Precision screw / Machine screw
 1.0 - 3.5 mm

Lever Start Low Voltage Grounded Bit ESD Protection Clean room adaptation Variable Speed Soft Start

DLV7319-BME DLV7339-BME
 DLV7329-BME DLV7349-BME
 Low Shock



DLV7300-BME/BKE Series CE



Features

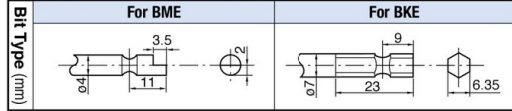
Workpiece-conscious electric screwdrivers

- 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
- ESD (electrostatic discharge) protection structure
- Meet Class 5*1 or more Clean Room standards

*1: Based on Nitto Kohki's standard of measurement

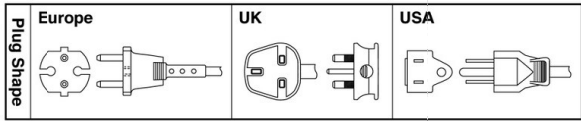
Specifications

		ESD		ESD / Low Shock			
Electric Screwdriver	Model	DLV7321-BME*2	DLV7331-BME*2	DLV7319-BME*2	DLV7329-BME*2	DLV7339-BME	DLV7349-BME*2
	Bit Shank:ø4 mm						
	Bit Shank:Hex. 6.35 mm	DLV7321-BKE	DLV7331-BKE				
	Starting Method	Lever Start					
	Input Voltage	36 V DC					
	Torque Adjustment	Stepless					
	Torque (Nm [lbf·in])	0.05 - 0.50 [0.4 - 4.4]	0.30 - 1.20 [2.7 - 10.6]	0.20 - 0.40 [1.8 - 3.5]	0.25 - 0.55 [2.2 - 4.9]	0.45 - 0.95 [4.0 - 8.4]	0.55 - 1.20 [4.9 - 10.6]
	Free Speed (min ⁻¹)	700 - 1000	500 - 700	700 - 1000			500 - 700
	Power Consumption (W)	Approx. 35					
	Screw Size (mm)	Machine Screw: 1.0 - 3.0 Tapping Screw: 1.2 - 2.6	2.0 - 3.5	2.0 - 3.0			3.0 - 3.5 2.6 - 3.0
Mass (g [lbs])	350 [0.77]			400 [0.88]			



*2: These models are made to order.

Model	Features	Input Voltage	Plug Shape	Control	Mass (g [lbs])
DLC1213A-ENB	Standard	100 V AC, 50/60 Hz	USA	Grounding, Soft Start, Speed Control	2300 [5.07]
DLC1213A-FEB*3	Standard	115 V AC, 50/60 Hz	USA		
DLC1213A-GGB	With CE mark	230 V AC, 50/60 Hz	Europe		
DLC1213A-HEB	Standard	240 V AC, 50/60 Hz	UK		



*3: This model is made to order.

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

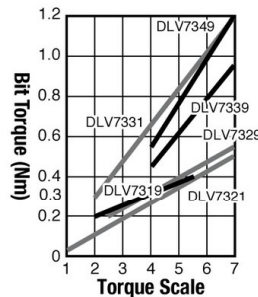
Part	Material
Handle Lever Switch	Synthetic resin with carbon fiber
Power Cable	Anti-static material

* 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

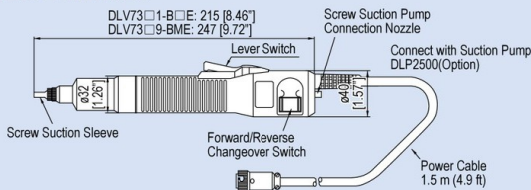
Model	DLV7319/29 -BME	DLV7339/49 -BME	DLV7321 -BME	DLV7331 -BME	DLV7321/31 -BKE	
Bit	NK4D No.0 × 2.5 × 44	1	-	1	-	
	NK4D No.1 × 3 × 44	-	1	-	1	
	NK4D No.1 × 4 × 44	1	-	1	-	
	NK35 No.1 × 7 × 50	-	-	-	-	1
	NK4D No.2 × 4 × 44	-	1	-	1	-
	NK35 No.2 × 7 × 50	-	-	-	-	1
Vacuum Sleeve	DLS2124	1	-	-	-	
	DLS2127	1	1	-	-	
	DLS2130	1	1	-	-	
	DLS2134	-	1	-	-	
Suspension Bail	1					

Torque Diagrams (for reference)

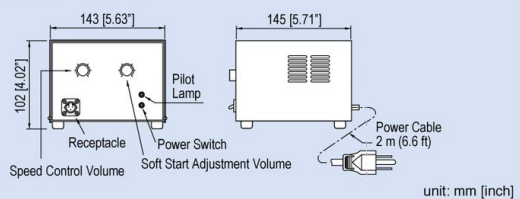


External Dimensions

DLV73□1/DLV73□9



DLC1213A-□□B



unit: mm [inch]