

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



DLV7300-BME/BKE Series



Features

Workpiece-conscious electric screwdrivers

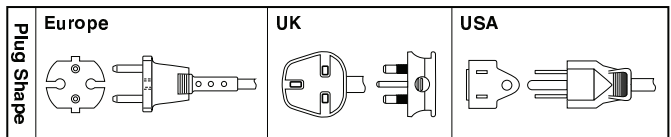
- Statistic electricity buildup is prevented to protect workpieces from electrostatic discharge
- Minimal impact in screw tightening protects workpieces from damaging and enables stable screw tightening
- ESD (electrostatic discharge) protection structure
- Meet Class 5*1 or more Clean Room standards

*1: Based on Nitto's standard of measurement

Specifications

Model	Bit Shank: $\phi 4$ mm Bit Shank: Hex. 6.35 mm	ESD		ESD / Low Shock			
		DLV7321-BME*2	DLV7331-BME*2	DLV7319-BME*2	DLV7329-BME*2	DLV7339-BME	DLV7349-BME*2
Starting Method		Lever Start					
Input Voltage		36 V DC					
Torque Adjustment		Stepless					
Torque (Nm [lbf-in])		0.05 - 0.5 [0.4 - 4.4]	0.3 - 1.2 [2.7 - 10.6]	0.2 - 0.4 [1.8 - 3.5]	0.25 - 0.4 [2.2 - 4.9]	0.45 - 0.95 [4.0 - 8.4]	0.55 - 1.2 [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	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
Mass (g [lbs])		350 [0.77]			400 [0.88]		
Bit Type (mm)	For BME	For BKE		*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 <input type="checkbox"/> E
		Handle	Static Electricity (V)
	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)	more than 10^{13}	10^{10}
Power Cable	Static Electricity (V)	110	5
	Surface Resistance (Ω)	more than 10^{13}	10^{10}

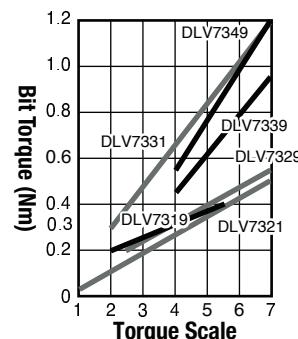
Part	Material
Handle Lever Switch	Synthetic resin with carbon fiber
Power Cable	Anti-static material

* 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	No.0 \times 2.5 \times 44	1	-	1	-	-
	No.1 \times 3 \times 44	-	1	-	1	-
	No.1 \times 4 \times 44	1	-	1	-	-
	No.1 \times 7 \times 50	-	-	-	-	1
	No.2 \times 4 \times 44	-	1	-	1	-
	No.2 \times 7 \times 50	-	-	-	-	1
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]