

DLV7500/8500 series

■ For Machine Screws (2.6 - 6.0 mm)

Features

Low vibration, low noise, and easy gripping in a compact design

- The easily visible torque reach light goes on when the set torque is reached
- The combination of an advanced clutch design and the auto-stop circuit assures torque accuracy
- The long life motor with a yoke made of advanced materials further assures a long service life
- Compliant with CE standard
- ESD (electrostatic discharge) protection compliant with IEC61340-5-1 (BKE models)



DLC4511-GGB



DLR1510-JE

Specifications

Model	Standard	Standard		High Torque	Standard		High Torque
	ESD	DLV7530-MKE	DLV7540-MKE	DLV7550-MKE	DLV8530-MKE	DLV8540-MKE	DLV8550-MKE
Starting Method		Lever Start			Push to Start		
Input Voltage		59 V DC					
Torque Adjustment		Stepless					
Torque (Nm)		0.5 - 1.7	1.2 - 2.7	2.0 - 4.5	0.5 - 1.7	1.2 - 2.7	2.0 - 4.5
Free Speed (min ⁻¹)		1,100	700	500	1,100	700	500
Screw Size (mm)	Machine Screw	2.6 - 4.0	3.5 - 5.0	4.5 - 6.0	2.6 - 4.0	3.5 - 5.0	4.5 - 6.0
	Tapping Screw	2.3 - 3.5	3.0 - 4.0	4.0 - 5.0	2.3 - 3.5	3.0 - 4.0	4.0 - 5.0
Bit Type (mm)							
Mass (g)		650		750	650		750

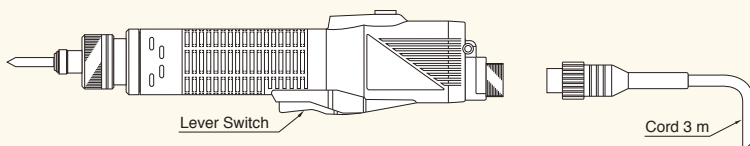
Measurement point	Conventional product	DLV7500/8500-BKE	
Handle	Static Electricity (V)	350	5
	Surface Resistance (Ω)	more than 10 ¹³	10 ⁴
Lever Switch	Static Electricity (V)	350	2
	Surface Resistance (Ω)	more than 10 ¹³	10 ⁴
Forward / Reverse Switch	Static Electricity (V)	25	2
	Surface Resistance (Ω)	more than 10 ¹³	10 ¹⁰

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

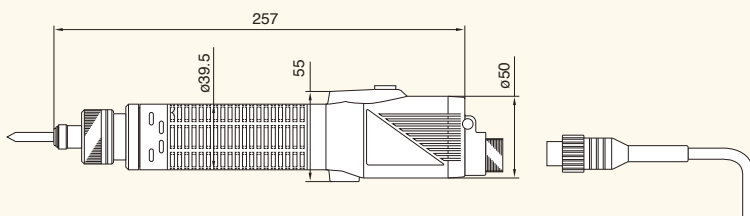
* Measurement conditions (Temperature:22 °C Humidity:66 %)
 (1) Static electricity •Earth the measurement equipment and measuring person.
 •Grip the screwdriver five times using Ansel Edmont electronic control glove.
 •Turn on the switch of the screwdriver. •Measure each part of the screwdriver using electronic measurement equipment manufactured by Shishido electrostatic Ltd.
 (2) Surface resistance •Measure using Simco Japan surface resistivity measurement equipment.

External Dimensions

DLV7500 series

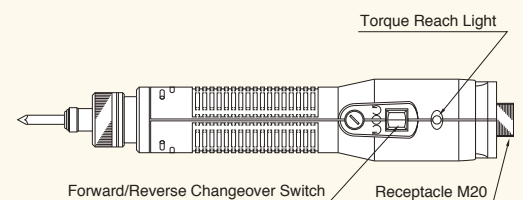


DLV8500 series



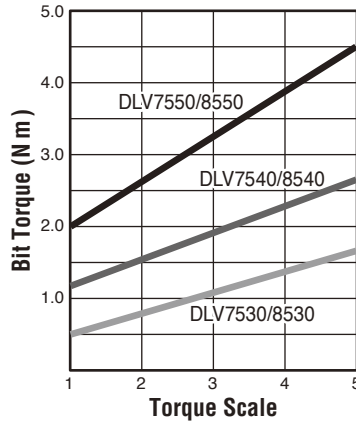
Standard Accessories

Bit	No.	DLV7530 / 7540 / 8530 / 8540	DLV7550 / 8550
Bit	No.1 × 7 × 75	1	—
	No.2 × 7 × 75	1	1
	No.3 × 7 × 50	—	1
Spare Carbon Brush		2	
Connection Cable		1	
Suspension Bail		1	



Unit: mm

Torque Diagram (for reference)



Specifications

Model	DLC4511-GGB	DLR1510-JE
Function	Stepless speed adjustment 80 - 100 % Soft start: adjustable time setting of slow speed (max. 3 sec.) External output signals: start and torque up Electro-static discharge(ESD) control	Screw counting: OK lamp and buzzer for notification Variable non-operation time Setting protection by key lock switch Setting by touch switch for easy operation External output signals: Start, Torque up, Count up & Cycle OK
Input Voltage	230 V AC, 50/60 Hz	
Mass (kg)	3.5	5.1
Plug Shape	<p>Europe</p>	

External Dimensions

