

DLV7500/8500 Series

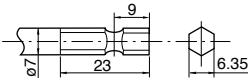
Features

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 structure (DLV7500/8500-BKE)



Specifications

Specifications		Standard		High Torque	Standard		High Torque	
Electric Screwdriver	Model	Standard Type	DLV7530-MKE	DLV7540-MKE	DLV7550-MKE	DLV8530-MKE	DLV8540-MKE	DLV8550-MKE
		ESD Protection Type	DLV7530-BKE	DLV7540-BKE	DLV7550-BKE	DLV8530-BKE	DLV8540-BKE	DLV8550-BKE
	Starting Method		Lever Start			Push to Start		
	Input Voltage		59 V DC					
	Torque Adjustment		Stepless					
	Torque (Nm [lbf-in])		0.5 - 1.7 [4.4 - 15.1]	1.2 - 2.7 [10.6 - 23.9]	2.0 - 4.5 [17.7 - 39.8]	0.5 - 1.7 [4.4 - 15.1]	1.2 - 2.7 [10.6 - 23.9]	2.0 - 4.5 [17.7 - 39.8]
	Free Speed (min ⁻¹)		1100	700	500	1100	700	500
	Screw Size	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	
Mass (g [lbs])		650 [1.43]		750 [1.65]	650 [1.43]		750 [1.65]	
Bit Type								
	unit: mm							

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)	110	5
Connection Cable	Static Electricity (V)	110	5
	Surface Resistance (Ω)	more than 10 ¹³	10 ¹⁰

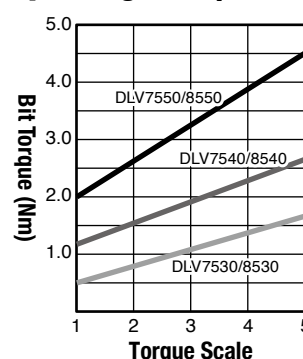
Part	Material
Handle Lever Switch	Synthetic resin with carbon fiber
Power Cable	Anti-static material

* 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

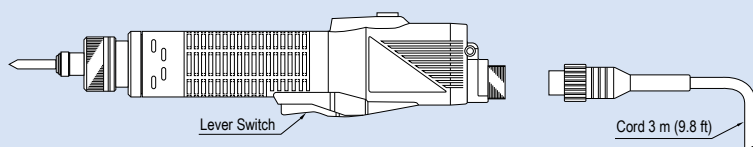
Model	DLV7530 / 7540 / 8530 / 8540	DLV7550 / 8550-MKE	DLV7550 / 8550-BKE
Bit NK35	No.1 × 7 × 75	1	-
	No.2 × 7 × 75	1	1
	No.3 × 7 × 50	-	1
Pistol Grip	DLW2300	-	-
	DLW2300ESD	-	1
Spare Carbon Brush	2		
Connection Cord	1		
Suspension Bail	1		

Torque Diagrams (for reference)

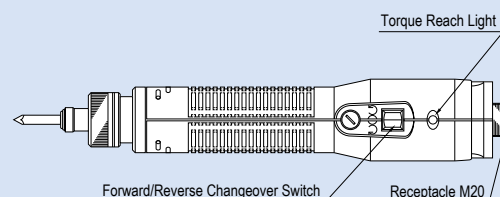
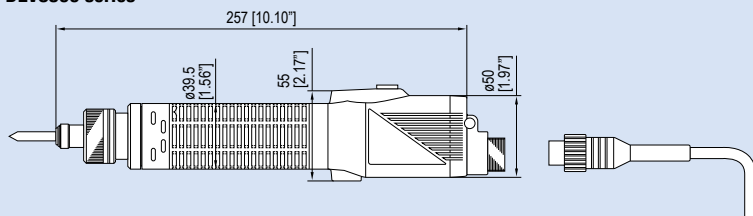


External Dimensions

DLV7500 series



DLV8500 series



unit: mm [inch]