

Low Voltage (DC)

Brush motor **Brushless motor**

Miniature screw Precision screw Machine screw

1.0 to 4.0 mm

See page 57 for External Dimensions

**Delvo Brushless Type**

Lever Start
 Low Voltage
 Brushless Motor
 Grounded Bit
 Variable Speed
 Clutch Type
 ESD Protection

BKE Models

# DLV02/DLV12/DLV16 Series

## Features

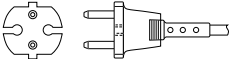
Brushless motors are incorporated for maximum tool life

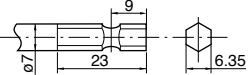
- Ergonomic grip offers greater operator comfort and increased maneuverability
- Grounded bit system standard
- Clear plastic torque adjustment cover provided as standard accessory (DLV02/DLV12/DLV16SL-CKE)
- ESD (electrostatic discharge) protection structure (DLV02/DLV12/DLV16SL-BKE)
- Compliant with CE standards
- Controllers feature an overload detection function. When an overload is detected, the controller stops the screwdriver. Operation can be resumed after the screwdriver is unloaded, and the lever released (DLC16S)
- Universal input voltage from 100 to 240 V AC for easy installation (DLC16S)
- Variable speed adjustment enables you to select optimum screw tightening speed (DLC16S)



## Specifications

Electric Screwdriver	Model	Standard Type	DLV02SL-CKE		DLV12SL-CKE		DLV16SL-CKE		
		ESD Protection Type	DLV02SL-BKE		DLV12SL-BKE		DLV16SL-BKE		
	Starting Method		Lever Start						
	Power Source		From dedicated controller DLC16S-WGB						
	Torque Adjustment		Stepless						
	Torque (Nm [lbf-in])		0.03 to 0.2 [0.3 to 1.8]		0.15 to 1.2 [1.3 to 10.6]		0.2 to 1.6 [1.8 to 14.2]		
	Free Speed (min <sup>-1</sup> )		700 to 1000						
	Power Consumption (W)		48						
	Screw Size (mm)		Machine Screw	1.0 to 2.2		1.4 to 3.0		2.2 to 4.0	
			Tapping Screw	1.0 to 2.0		1.4 to 2.6		2.0 to 3.0	
Mass (g [lbs])		470 [1.04]							
Rated Operation		ON: 0.5 seconds / OFF: 3.5 seconds							
Bit Grounding		Equipped as standard							

Controller	Model	DLC16S-WGB	
	Power Source	100 - 240 V AC, 50/60 Hz	
	Output Voltage	20 - 30 V DC	
	Function	Speed Control	
	Mass (g [lbs])	380 [0.84]	
Plug Shape	Power Cord Length (m)	1.6	
	Europe		

Bit Type	 unit: mm
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## Standard Accessories

Model		DLV02	DLV12	DLV16
Bit NK36	No.0 × 3.8 × 50	1	–	–
	No.1 × 3.8 × 50	–	1	–
	No.2 × 4.5 × 50	–	1	1
Connection Cord 2.4 m		1		
Suspension Bail		1		

## Optional Accessory

Connection Cord 2.4 m (TD07568)

Standard accessory of screwdrivers

Connects controller and screwdriver

## Torque Diagrams (for reference)

