

Low Voltage (DC)

Brush motor **Brushless motor**

Miniature screw Precision screw **Machine screw**

2.6 to 8.0 mm

See page 55 for External Dimensions

Delvo Brushless Type



A Series (Low voltage, ESD type)

Model **DLV30A-AY/DLV45A-AY/DLV70A-AY**

Features

Eco-friendly electric screwdrivers with built-in brushless motors in a low voltage (DC) profile

- Torque range from 0.4 to 7.0 Nm
- Maximum free speeds of 650, 1200 or 2000 min⁻¹
- Both the Lever Start and Push to Start type models are available
- Equipped with a torque adjustment ring cover
- Design conforms to the RoHS Directive and thus appeals to the environmentally conscious user
- Easily detachable Pistol Grip DLW2300 ESD (TD01965) comes with the unit as a standard accessory (DLV45A/DLV70A)
- ESD (electrostatic discharge) protection structure



DLV30A06L DLV30A12L DLV70A06L

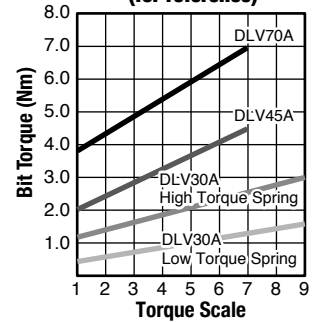
DEA0151N-AZ DEA0241N-AZ

Specifications

		Low Speed	Standard	High Speed	Low Speed	Standard	Low Speed	
Model	Bit	Lever Start	DLV30A06L-AY : K	DLV30A12L-AY : K	DLV30A20L-AY : K	DLV45A06L-AY : K	DLV45A12L-AY : K	DLV70A06L-AY : K
		Push to Start	DLV30A06P-AY : K	DLV30A12P-AY : K	DLV30A20P-AY : K	DLV45A06P-AY : K	DLV45A12P-AY : K	DLV70A06P-AY : K
Power Source		DEA0151N-AZ or DEA0241N-AZ			DEA0241N-AZ	DEA0151N-AZ or DEA0241N-AZ		DEA0241N-AZ
Torque Adjustment		Stepless						
Torque (Nm [lbf-in])	Low Torque Spring*1	0.4 to 1.6 [3.5 to 14.2]			2.0 to 4.5 [17.7 to 39.8]		3.8 to 7.0 [33.6 to 62.0]	
	High Torque Spring*2	1.2 to 3.0 [10.6 to 26.6]						
Free Speed (min ⁻¹)		650	1200	2000	650	1200	650	
Power Consumption (W)		44						
Screw Size (mm)	Machine Screw	2.6 to 5.0			4.5 to 6.0		5.0 to 8.0	
	Tapping Screw	2.5 to 4.0			4.0 to 5.0		4.5 to 6.0	
Mass (g [lbs])		690 [1.52]			840 [1.85] (with Pistol Grip)			
Rated Operation		ON: 0.5 seconds / OFF: 3.5 seconds						
Bit Grounding		Equipped as standard						
Standard Accessories		• Bit NK35(No.2 × 7 × 75): 1 pc. • Suspension Bail: 1 pc. • Torque Adjustment Ring Cover (DLW5203)		• Low Torque Spring: 1 pc. • Connection Cord 1.5 m (DLW9073): 1 pc.		• Bit NK35(No.2 × 7 × 75): 1 pc. • Suspension Bail: 1 pc. • Pistol Grip (DLW2300ESD): 1 pc. • Torque Adjustment Ring Cover (DLW5202)		• Connection Cord 1.5 m (DLW9073): 1 pc.
Power Supply	Model	DEA0151N-AZ	DEA0241N-AZ					
	Power Source	100 - 240 V AC, 50/60 Hz						
	Output Voltage	40 V DC						
	Maximum Rated Power (W)	150	240					
	Mass (kg)	0.56	0.9					
Power Cord 2 m (Optional)*3		DLW9220 / DLW9240 / DLW9250						
						*1: Standard Accessory *2: Installed *3: The power cord is sold separately. Ask us for the required power cord when ordering.		

Please contact us for 5 mm bit type.

Torque Diagrams (for reference)



Optional Accessories

Grounded 3-Prong Power Cord 2 m DLW9220 North America DLW9240 Europe DLW9250 UK	Rubber Grip DRG1000 (Non-ESD) For anti-slip when fastening	Pistol Grip DLW2300 ESD ESD Protection Standard accessory of DLV45A/DLV70A For operator fatigue reduction, suitable for horizontal fastening	Torque Adjustment Ring Cover DLW5203 / DLW5202 Standard accessory of DLV30A Standard accessory of DLV45A/DLV70A
Angle Attachment (For use with lever start type only) DLW9021 For fastening work at right angles *Use with an output torque of 2.0 Nm or less and a torque scale of 2 or more	Torque Reaction Arm (TD06180) For reducing reaction force to an operator	Torque Reaction Arm DRA-SW-650 (Swing type) For reducing reaction force to an operator Vertical tightening to the workpiece improves quality of the work	Torque Reaction Arm DRA-SL-650 (Slide type) For reducing reaction force to an operator
Connection Cord 1.5 m DLW9073 Standard accessory of screwdrivers	Vacuum Sleeve DLS4000 series Select according to the screw shape	Vacuum Pickup DLP7401-K For screw vacuum pickup *DLS4220/DLS4221 included	Diamond Shape Flange Coupling DLW9016 For DLV30A For mounting on equipment or jigs
			Flange Coupling DLW9018 For mounting on equipment or jigs
			Diamond Shape Flange Coupling DLW9017 For mounting on equipment or jigs
			Flange Coupling DLW9019 For mounting on equipment or jigs