

Transformerless (AC)
 Brush motor Brushless motor
 Miniature screw Precision screw Machine screw
 1.0 - 3.5 mm



DLV7000/8000 Series Non-CE



Features

100 / 115 V AC Direct Transformerless Precision Miniature Screw Type

- A built-in controller model saves space and facilitates layout change
- High repetitive torque accuracy
- Available with lever type (DLV7000 series) for each screw alignment and push to start type (DLV8000 series) for rapid screw tightening
- The high-speed type (DLV7031/8031) available at 1200 min⁻¹ for improving work efficiency (100 V AC only)

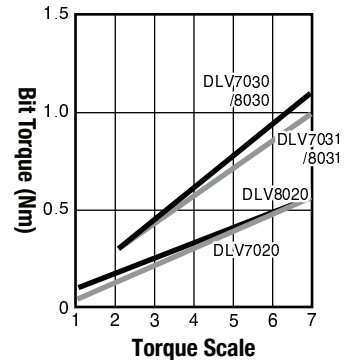
Specifications

| | | Standard | | | | High Speed | | | |
|----------------------|-------------------|----------------------|-------------------------|-----------------------|-------------------------------------|-----------------------|-----------------------|---------------|------------|
| Electric Screwdriver | Model | 100 V AC Input | DLV7020-EMN | DLV7030-EMN | DLV8020-EMN | DLV8030-EMN | DLV7031-EMN | DLV8031-EMN | |
| | | 115 V AC Input | DLV7020-FME**1 | DLV7030-FME**1 | DLV8020-FME**1 | DLV8030-FME**1 | | | |
| | Starting Method | | Lever Start | | Push to Start | | Lever Start | Push to Start | |
| | Torque Adjustment | | Stepless | | | | | | |
| | Torque | (Nm [lbf-in]) | 0.05 - 0.55 [0.4 - 4.9] | 0.3 - 1.1 [2.7 - 9.7] | 0.1 - 0.55 [0.9 - 4.9] | 0.3 - 1.1 [2.7 - 8.9] | 0.3 - 1.0 [2.7 - 8.9] | | |
| | Free Speed | (min ⁻¹) | 900 | 650 | 900 | 650 | 1200 | | |
| | Power Consumption | (W) | Approx. 25 | | | | | | Approx. 30 |
| | Screw Size | Machine Screw | 1.0 - 3.0 | 2.0 - 3.5 | 1.0 - 3.0 | 2.0 - 3.5 | 2.0 - 3.0 | | |
| | | Tapping Screw | 1.2 - 2.6 | 2.0 - 3.0 | 1.2 - 2.6 | 2.0 - 3.0 | 2.0 - 3.0 | | |
| | Mass | (g [lbs]) | 400 [0.88] | | | 410 [0.90] | | 400 [0.88] | 410 [0.90] |
| Bit Type | unit: mm | | Asia | | *1: These models are made to order. | | | | |

Standard Accessories

| Model | DLV7020 / 8020 | DLV7030 / 8030 / 7031 / 8031 |
|--------------------|----------------|------------------------------|
| Bit | | |
| No.0 × 2.5 × 44 | 1 | - |
| No.1 × 3 × 44 | - | 1 |
| No.1 × 4 × 44 | 1 | - |
| No.2 × 4 × 44 | - | 1 |
| Spare Carbon Brush | 1 | |

Torque Diagrams (for reference)



Optional Accessories

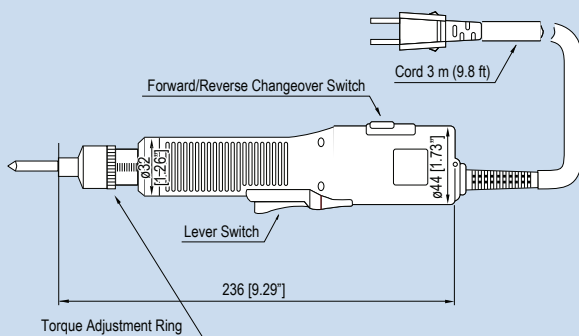


This minimizes tampering or accidental turning of the torque adjustment ring once the torque is set.

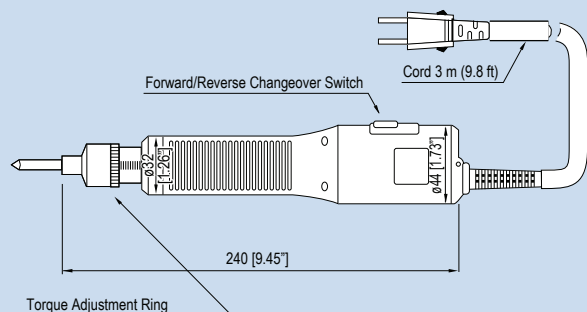
Torque Adjustment Ring Cover
 DLW5300 (TD00332)

External Dimensions

•DLV7020/7030/7031



•DLV8020/8030/8031



unit: mm [inch]