

DLV7000/8000 series

■ For Miniature Screws (1.0 - 3.5 mm)

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

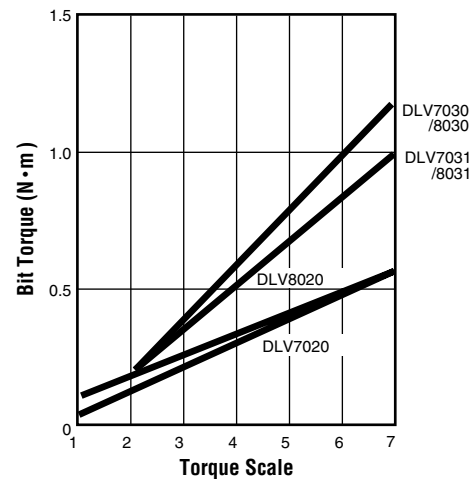
| | | Standard | | | | High Speed | | |
|----------------------|---------------------------------|---------------------------------|---------------|---------------|---------------|-------------|---------------|--|
| Electric Screwdriver | Model | 100 V AC Input DLV7020-EMN | DLV7030-EMN | DLV8020-EMN | 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 (N·m) | 0.05 - 0.55 | 0.3 - 1.1 | 0.1 - 0.55 | 0.3 - 1.1 | 0.3 - 1.0 | | |
| | Free Speed (min ⁻¹) | 900 | 650 | 900 | 650 | 1,200 | | |
| | Power Consumption (W) | Approx. 25 | | | | | | |
| | Screw Size (mm) | 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 | |
| | Bit Type (mm) | | | | | | | |
| Mass (g) | 400 | | 410 | | 400 | 410 | | |

*1 : These models are made to order.

Standard Accessories

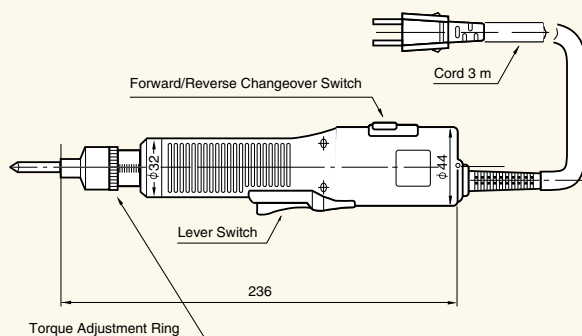
| | No. | DLV7020 / 8020 | DLV7030 / 8030 / 7031 / 8031 |
|-----------------|-----------------|----------------|------------------------------|
| Bit | No.0 x 2.5 x 44 | 1 | — |
| | No.1 x 3 x 44 | — | 1 |
| | No.1 x 4 x 44 | 1 | — |
| | No.2 x 4 x 44 | — | 1 |
| Suspension Bail | | 1 | |

Torque Diagram (for reference)

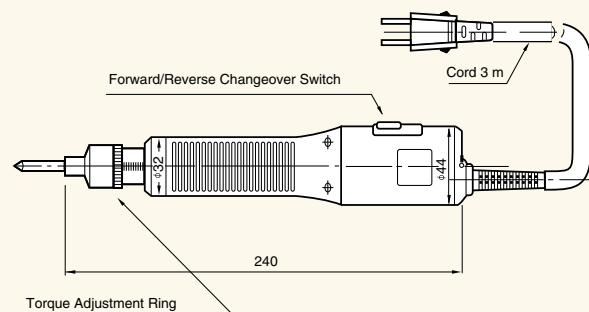


External Dimensions

● DLV7020/7030/7031



● DLV8020/8030/8031



Unit: mm