

DLV7300 series

■ For Miniature Screws (1.0 - 3.5 mm)

Features

- The dedicated controller realizes high-accuracy screw tightening.
- High repeatable torque accuracy
- The controller provides a soft start function. The initial speed at screwdriver startup can therefore be slowed down, effectively preventing screw heads from being scratched.
- Variable speed adjustment enables to select optimum screw tightening speed.
- DLV7325, DLV7335 meet Class 5* Clean Room standards.

* Based on Nitto's standard of measurement.



DLV7313/7323/7333

DLV7321/7331

DLV7325/7335

DLC1213A

Specifications

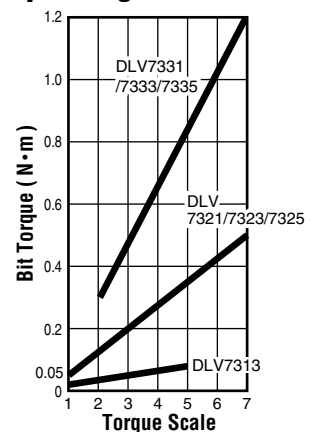
		Standard			Clean Room Use	
Model	Bit Shank: $\phi 4$ mm	DLV7313-CME	DLV7323-CME	DLV7333-CME	DLV7325-CME*1	DLV7335-CME*1
	Bit Shank: Hex.6.35 mm		DLV7321-CME	DLV7331-CME		
			DLV7323-CKE	DLV7333-CKE		
			DLV7321-CKE	DLV7331-CKE		
Starting Method		Lever Start				
Input Voltage		36 V DC				
Torque Adjustment		Stepless				
Torque (N·m)	0.03 - 0.15	0.05 - 0.5	0.3 - 1.2	0.05 - 0.5	0.3 - 1.2	
Free Speed (min ⁻¹)	700 - 1,000			500 - 700	700 - 1,000	
Power Consumption (W)		Approx. 35				
Screw Size (mm)	Machine Screw	Up to 2.0	1.0 - 3.0	2.0 - 3.5	1.0 - 3.0	2.0 - 3.5
	Tapping Screw	Up to 1.7	1.2 - 2.6	2.0 - 3.0	1.2 - 2.6	2.0 - 3.0
Bit Type (mm)	For CME					
	For CKE					
Mass (g)		350			400	

*1: Vacuum pump for suction of screw is available as option. See page 27 for details of the vacuum pump.

Model	Features	Input Voltage	Control Function	Shape of Plug for Power Supply	Mass(kg)
DLC1213A-EN	Standard	100 V AC, 50/60 Hz	Auto stop, Soft start, Speed control	Asia	2.3
DLC1213A-FE*1	Standard	115 V AC, 50/60 Hz		Europe	
DLC1213A-GE	Standard	220 V AC, 50/60 Hz		UK	
DLC1213A-GG	With CE Mark	230 V AC, 50/60 Hz		Without Plug	
DLC1213A-GG U	With CE Mark	230 V AC, 50/60 Hz			
DLC1213A-HE	Standard	240 V AC, 50/60 Hz	Auto stop	Asia	0.36
DLC1215-EN*2	2 Screwdrivers for 1 Controller	100 V AC, 50/60 Hz			
DLC1215-GE*2	2 Screwdrivers for 1 Controller	220 V AC, 50/60 Hz			
DLC2310-CE*2	Multiple Controller	24 V AC, 50/60 Hz			
DLE3610-EN*2	Power Supply for DLC2310-CE	100 V AC, 50/60 Hz		Asia	9

*1: This model is made to order. *2: See page 18 for details of the models other than DLC1213A series.

Torque Diagram (for reference)



Standard Accessories

No.	DLV7313 -CME	DLV7321 / 23 -CME	DLV7331 / 33 -CME	DLV7321 / 23 / 31 / 33-CKE	DLV7325 -CME	DLV7335 -CME	DLV7325 / 35 -CME
Bit							
No.0 x 1.8 x 44	1	—	—	—	—	—	—
No.0 x 2.5 x 44	1	1	—	—	1	—	—
No.1 x 3 x 44	—	—	1	—	—	1	—
No.1 x 4 x 44	—	1	—	—	1	—	—
No.1 x 7 x 50	—	—	—	1	—	—	—
No.2 x 4 x 44	—	—	1	—	—	1	—
No.2 x 4.5 x 50	—	—	—	—	—	—	1
No.2 x 7 x 50	—	—	1	—	—	—	—
Sleeve							
DLS2124	—	—	—	—	1	—	—
DLS2127	—	—	—	—	1	1	—
DLS2130	—	—	—	—	1	1	—
DLS2134	—	—	—	—	—	1	—
DLS2135	—	—	—	—	—	—	1
Suspension Bail	1						

External Dimensions

