According to Model
Brush motor | Brushless motor
Miniature screw | Precision screw | Machine screw
1.0 - 6.0 mm

DLV3100 Series (Transformerless) | DLV3300 Series (Low Voltage)

DLV3100/3300 Series (For Automation) Non-CE

DLV3100 series DLV3300 series

Features

A Labor-Saving "delvo" for Automatic Assembly Robot

- Vibration-proof and shock-proof for long continuous screw tightening
- Torque-up signal output
- High repetitive torque accuracy

1: Models DLV3121 / 3131 / 3141 / 3151 have no bit-holding function. Please order the following models with bit holding function if required, but they require 100 V AC power source and are made to order products.

- DLV3128-EJN • DLV3138-EJN
- DLV3148-EJN • DLV3158-EJN

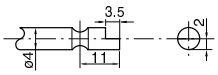
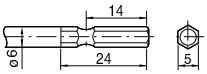
NOTE: The bit mounting is made in a specific way.

Specifications

		For Precision Screws		For Machine Screws			
Electric Screwdriver	Model	DLV3321-CMN	DLV3331-CMN	DLV3121-EJN*1	DLV3131-EJN*1	DLV3141-EJN*1	DLV3151-EJN*1
	Input Voltage	36 V DC (supplied from controller)		100 V AC, 50/60 Hz			
	Torque Adjustment	Stepless					
	Torque (Nm [lbf·in])	0.05 - 0.5 [0.4 - 4.4]	0.3 - 1.2 [2.7 - 10.6]	0.25 - 0.7 [2.2 - 6.2]	0.5 - 1.5 [4.4 - 13.3]	1.2 - 3.0 [10.6 - 26.6]	2.0 - 4.5 [17.7 - 39.8]
	Free Speed (min^{-1})	900	600	900		600	450
	Power Consumption (W)	Approx. 35					Approx. 45
	Screw Size (mm) Machine Screw	1.0 - 3.0	2.0 - 3.5	2.3 - 2.6	2.6 - 3.5	3.5 - 5.0	4.5 - 6.0
	Screw Size (mm) Tapping Screw	1.2 - 2.6	2.0 - 3.0	2.3 - 3.0	2.5 - 3.5	3.0 - 4.0	4.0 - 5.0
	Mass (g [lbs])	400 [0.88]		900 [1.98]			
	Standard Accessories			• Cable (2 m): 1 pc. • Spare Carbon Brush: 2 pc.			

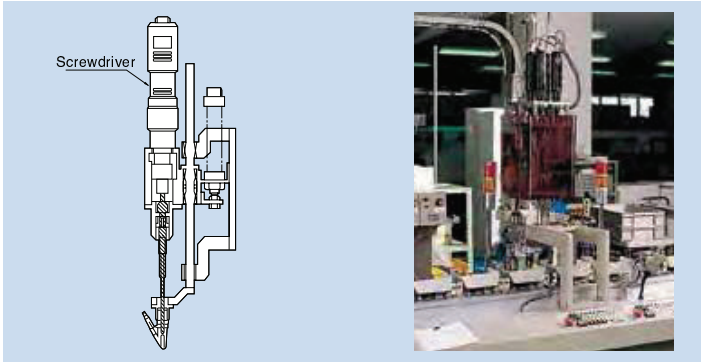
* The 2 m cord exclusively for DLV3321/3331 comes with DLC3310 as a standard accessory.

Bit Type (mm)

For CMN	For EJN
	

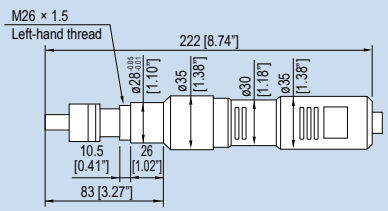
Controller		
	Model	DLC3310
	Input Voltage	24 V AC, 50/60 Hz
	Output Voltage	36 V DC
	Mass (g [lbs])	360 [0.79]

Installation Example

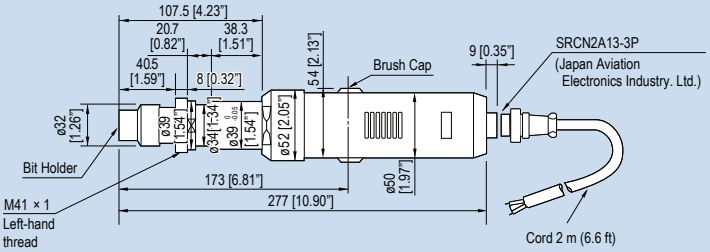


External Dimensions

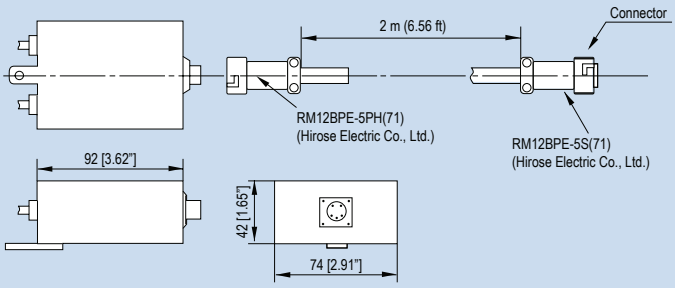
•DLV3321/3331



•DLV3121/3131/3141/3151



•DLC3310 (Optional)



unit: mm [inch]