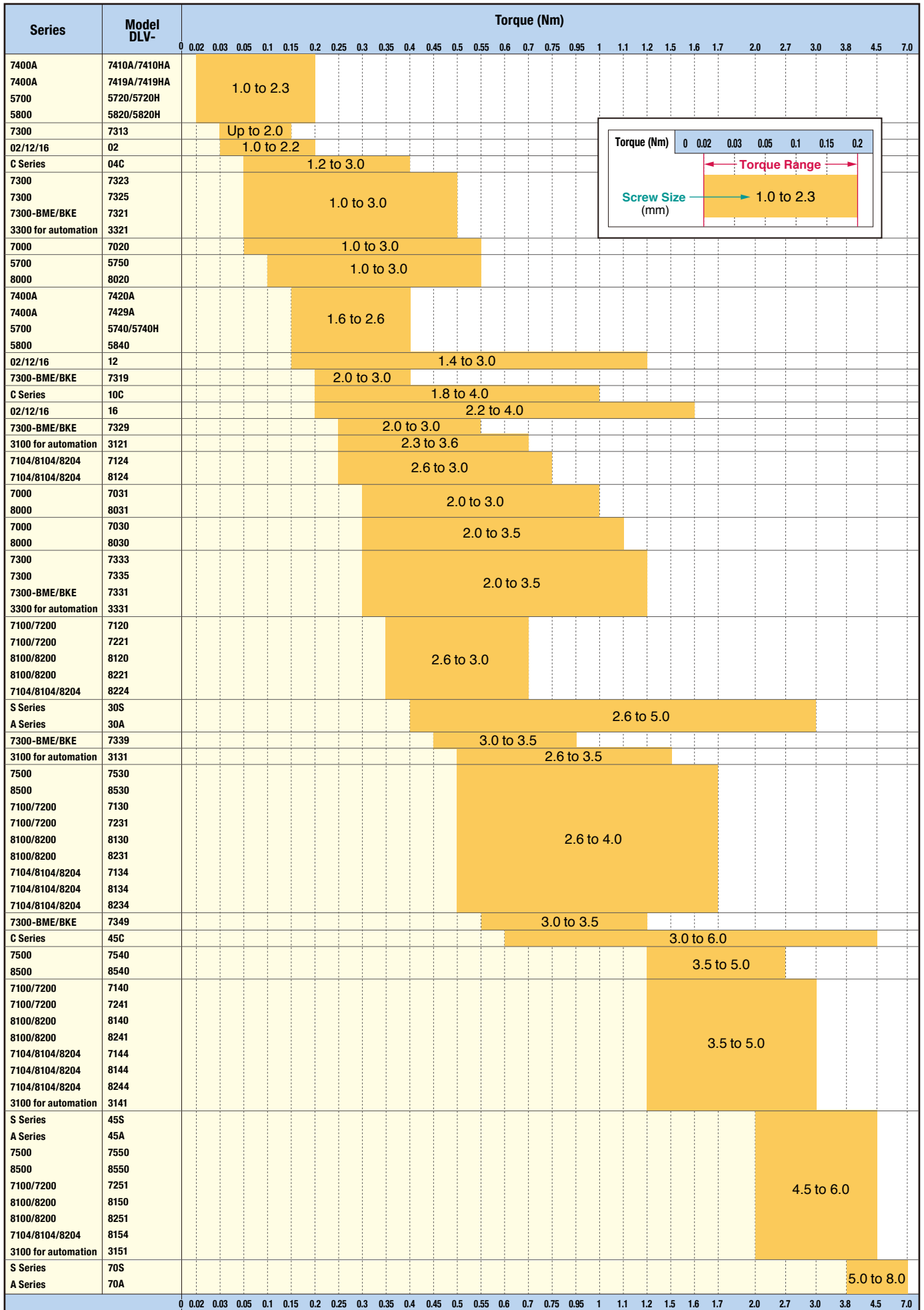


# Selection Chart

This chart is for reference only.



# How to select a suitable model

A suitable model can be selected in 5 steps.

1

Check the torque and screw size

**Case A**

- Fastening M4 screws with a fastening torque of 1.0 Nm.
- The material of the workpiece is stainless steel.

**Case B**

- Fastening M3 screws with a fastening torque of 0.5 Nm.
- The material of the workpiece is plastic.

**CHECK!**

Torque Adjustment		Stepless	
Torque	(Nm [lbf-in])	0.03 to 0.2 [0.3 to 1.8]	0.15 to 1.2 [1.3 to 10.6]
Free Speed	(min <sup>-1</sup> )	700 - 1000	
Power Consumption (W)		48	
Screw Size (mm)	Machine Screw	1.0 to 2.2	1.4 to 3.0
	Tapping Screw	1.0 to 2.0	1.4 to 2.6
Mass	(g [lbs])	470 (1.04)	

Check the torque and screw size in the specification chart.

\*Please refer to the List of Screwdrivers on page 3 to 7.

2

Select the starting method

- A push start model is required as the production tact is fast.

- A lever start model is required as the workers are not skilled.

**CHECK!**

Starting Method	Lever Start	Push Start
Power Source	20 to 30 V DC	20 to 30 V DC
Torque Adjustment	Stepless	Stepless

Check the starting method in the specification chart.

3

Select the free speed

- A high speed model is required to enhance working efficiency.

- A low speed model is required to fasten tapping screws.

**CHECK!**

Torque	(Nm [lbf-in])	0.15 - 1.2 [1.3 - 10.6]
Free Speed	(min <sup>-1</sup> )	700 to 1000
Power Consumption (W)		48
Screw Size	Machine Screw	1.4 to 3.0

Check the free speed in the specification chart.

4

Select the voltage and features

- A low voltage model is required for safety.
- Function for reducing the rotation speed at the beginning and end of fastening is required to prevent screw fastening failures.

- Variable speed function is preferred.
- Built-in screw fastening counter function is required.

**CHECK!**

Lever Start	Low Voltage	Grounded Bit	ESD Protection	Low Shock	Variable Speed	Soft Start
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Check the features with the pictograms.

\*Please see page 2 for the detailed information of the symbols.

5

Select the model

**DLV30S20P-AYK and dedicated controller DEA0241N-AZ**



**DLV10C10L-AYK and dedicated controller DCC0101X-AZ**



\*The above selected models are only examples.