

Nippon Pulse's PJPLT Series motor is a low-friction, high-efficiency motor that works quickly. They feature built-in ball screws and function in a wide variety of applications.



#### Features:

- Compact cylinder with 2-phase hollow stepper with built-in ball screw
- Multiple types of screw shafts and lead combinations available
- Two motor sizes: 28mm and 42mm
- Anti-rotational options available



### Rolled Ball Screw (R) Specifications

Size	Lead (mm)	Travel/Step (mm)	Repeatability (mm)	Lost Motion (mm)	Thrust (N)	Effective Stroke
PJPL28T	1	5	±0.010	0.020	50	40
	2	10			25	80
PJPL42T	1	5			80	50
	2	10			80	100

### Coil Winding Options and Specifications

Size	Coil	Lead	Rated Voltage	Winding Resistance	Rated Current
28 × 32	E4	Bipolar	3.8 V	5.6 Ω	0.67 A
42 × 34	D4	4-lead	2.5 V	2.1 Ω	1.2 A

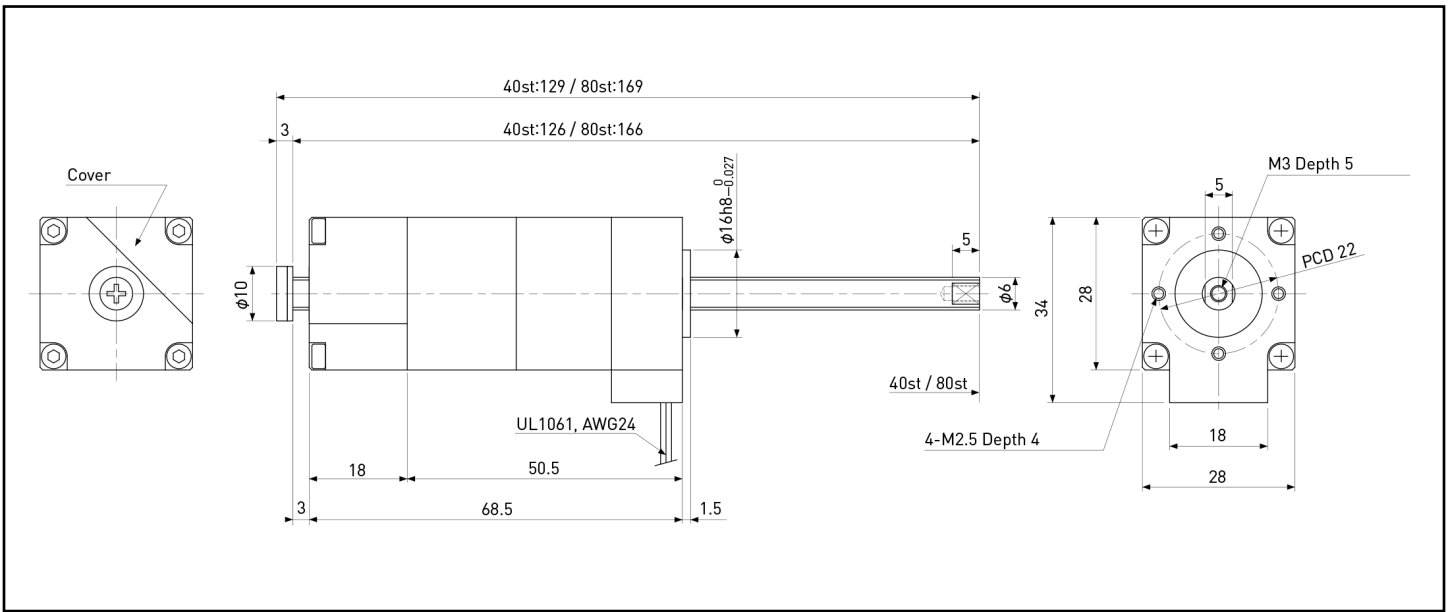
### Part Numbering

PJPL 42 T 73 D 4 A XXX R  
 1 2 3 4 5 6 7 8

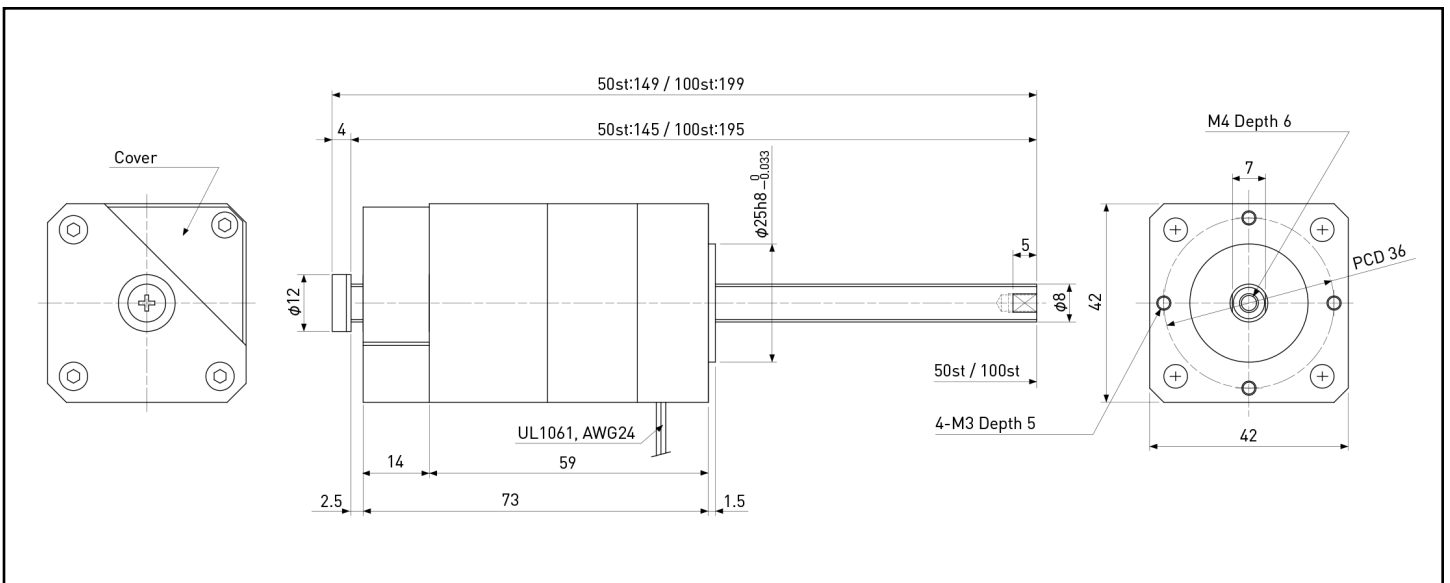
1: Series Designation  
 2: Motor size (28mm or 42mm)  
 3: Motor length (in mm)  
 4: Coil type

5: # of lead wires  
 6: Full threaded shaft  
 7: Pitch  
 8: Rolled ball screw

## PJPL28T Dimensions



## PJPL42T Dimensions



**NPM**

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