

PJPL28

PJPL42

Nippon Pulse's PJPL Series motor is ideal for motion control applications where the benefits of smaller size with high force are essential. They feature superior response characteristics and function in a wide variety of applications.

### Features:

- NEMA 11 and 17 mount face
- Includes integral lead screw for linear motion

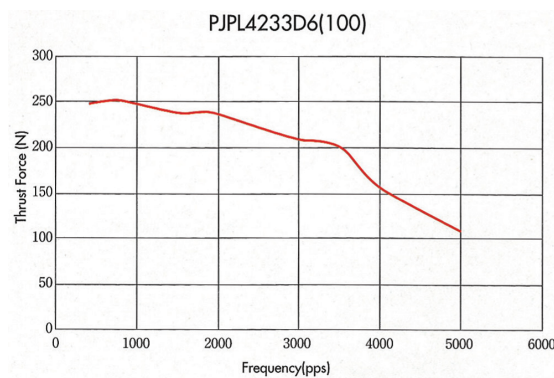
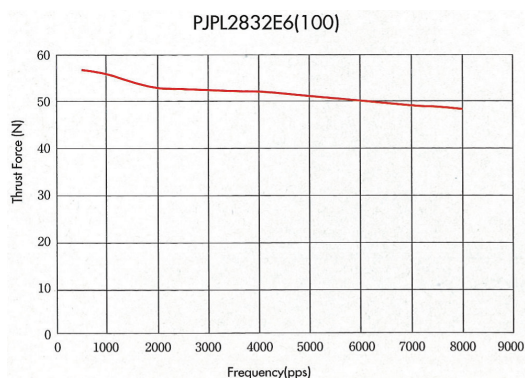
### Applications:

- Microscope Stage
- Syringe – Dispenser
- Cameras – Pan & Tilt
- Medical Scanners
- Laboratory Sample Handling

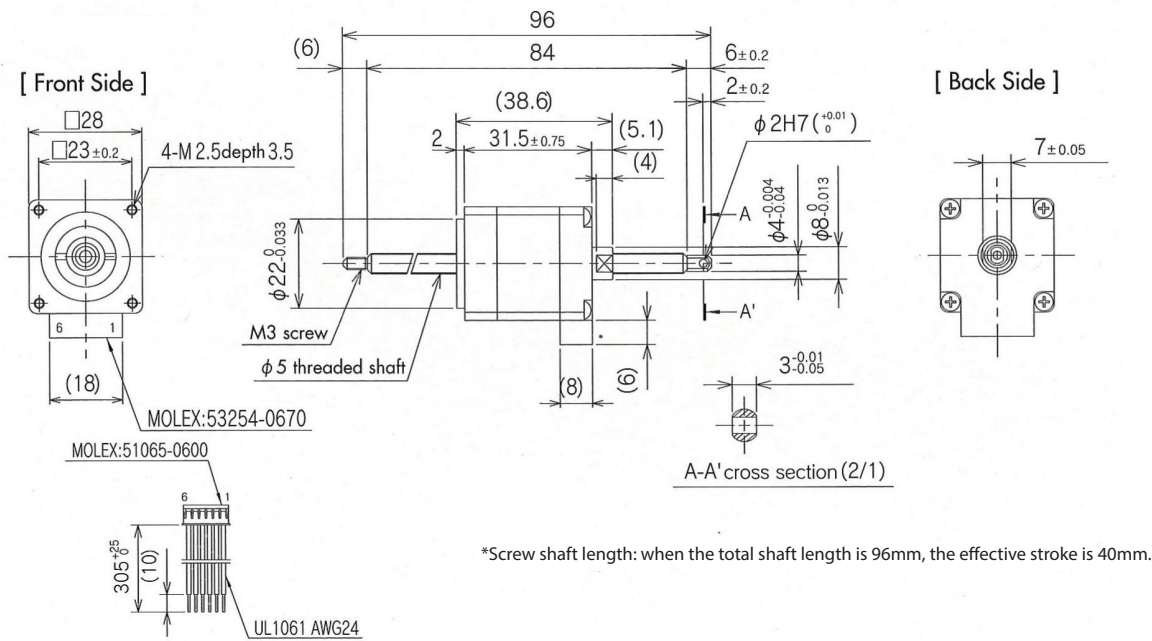
## General Specifications

Specification	Unit	PJPL2832E6(100)	PJPL4233D6(100)
Type of Winding		Unipolar	
Excitation Mode*		Full step (2-2)	
Resolution (travel/step)	mm	0.005	
Steps Per Revolution*		200	
Max. Stroke	mm	40	
Rated Voltage	V	2.66	2.8
Rated Current	A	0.95	1.2
Winding Resistance	$\Omega$	2.8	2.3
Winding Inductance	mH	1	1.5
Operating Temp.	$^{\circ}\text{C}$	-10 ~ +50	
Insulation Class		B	
Insulation Resistance	M $\Omega$	100	
Dielectric Strength	AC V	500V (1 min.)	
Weight	g	125	200

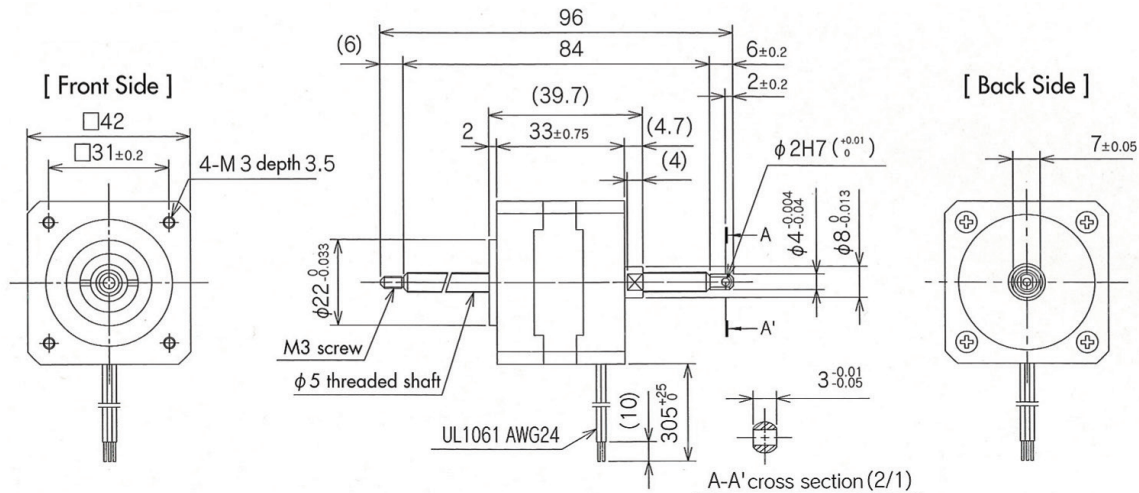
## Torque Curves



## PJPL28 Dimensions



## PJPL42 Dimensions



## Part Numbering

PJPL 28 32 E 6 (100) -xx  
1 2 3 4 5 6 7

1: Series Designation

2: Motor Size (28mm or 42mm)

3: Case Length (32=31.5mm or 33=33mm)

4: Winding (A: 2A; B: 1A; C: 0.5A;

D: 1.2A; E: 0.95A)

5: Lead wires (6 or 4)

6: Thread Pitch (100=1mm)

7: Custom Motor Indicator

**NPM**

Nippon Pulse

Your Partner in Motion Control