



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

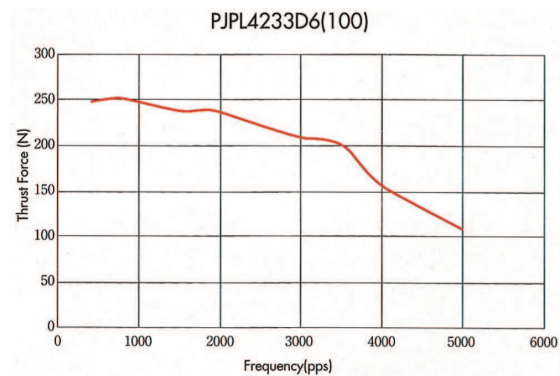
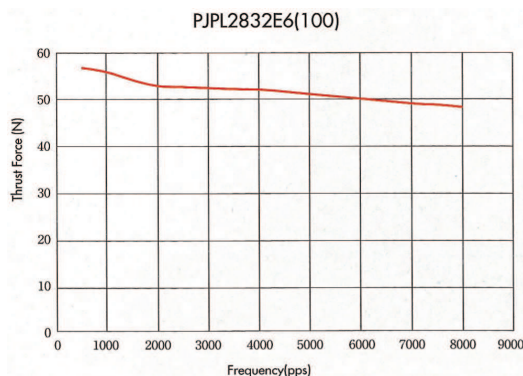
#### Applications:

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

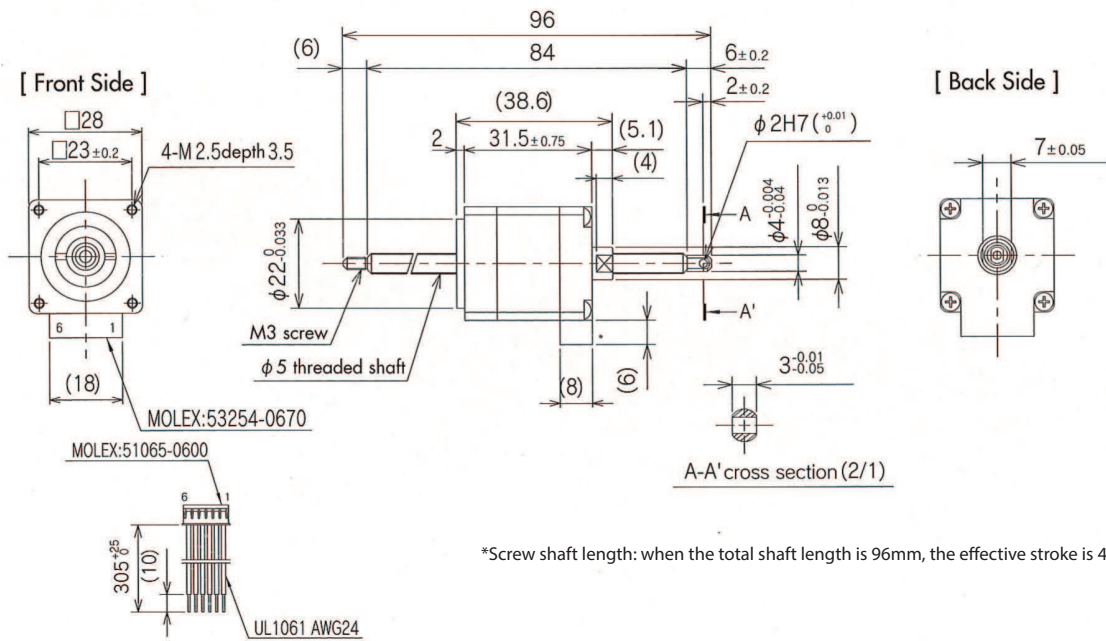
### General Specifications

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

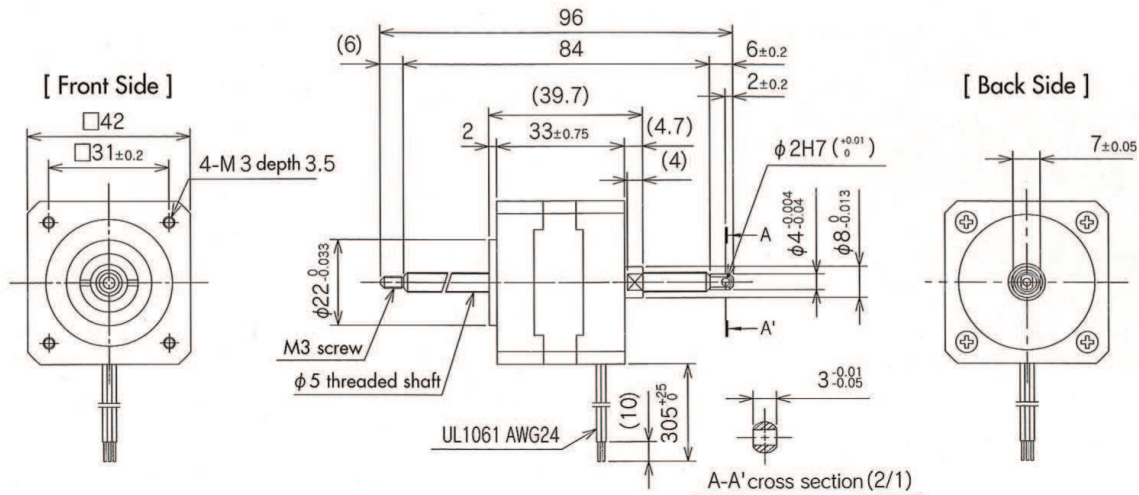
### Torque Curves



## 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