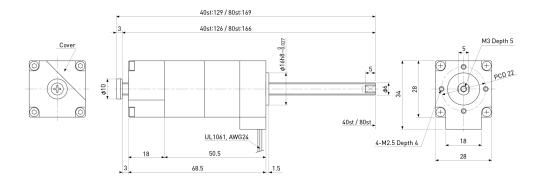


PBACL28

Non-Captive Linear Actuator



Specifications

Specification	PBACL28-G01	PBACL28-G02	PBACL28-R01	PBACL28-R02	PBACL28-Re02	PBACL28-Re06
Motor Frame Size (mm)	28 (NEMA 11)					
Drive Screw Type	Precision Ball Screw		Rolled Ball Screw		Resin Lead Screw	
Screw Lead	1mm	2mm	1mm	2mm	2mm	6mm
Travel	40mm/80mm					
Repeatability	±0.00	5mm	±0.010mm		±0.030mm	
Lost Motion	0.010mm		0.020mm		0.060mm	
Maximum Speed	20mm/sec	40mm/sec	20mm/sec	40mm/sec	20mm/sec	60mm/sec
Accel/Decel Time		Min. 0.2	sec		Min. 0	.4 sec
Thrust Force	50N	25N	50N	25N	10N	2.5N
Mass	Travel 40mm : 230g Travel 40mm : 210g Travel 80mm : 240g Travel 80mm : 220g			nm : 210g		
					Travel 80mm : 220g	
Operating Temperature	0 ~ 40°C (no condensation)					

Motor Specification	PBACL28-G01	PBACL28-G02	PBACL28-R01	PBACL28-R02	PBACL28-Re02	PBACL28-Re06
Driving Method	2-phase bi-polar					
Rated Voltage	3.8V (DC)					
Rated Current	0.67A/phase					
Winding Resistance	5.6Ω					
Insulation Class	Class B (130°C)					

Precautions

- CL type (non-captive type) does not have an anti-rotating device. External anti-rotating device should be set up during use.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design

Part Numbering

raitive	IIIID	211116	J				
PBA	CL	28	G	01	040	1: Series Designation (PBA)	5: Screw Lead
1	2	3	4	5	6	2: Cylinder type	01: 1mm
						CL: Non-Captive Type	02: 2mm
						AR: Captive Type	06: 6mm
						3: Motor frame size (mm)	6: Travel, mm
						4: Drive screw type	040: 40mm
						G: Precision Ball Screw	080: 80mm
						R: Rolled Ball Screw	
						Re: Resin Lead Screw	