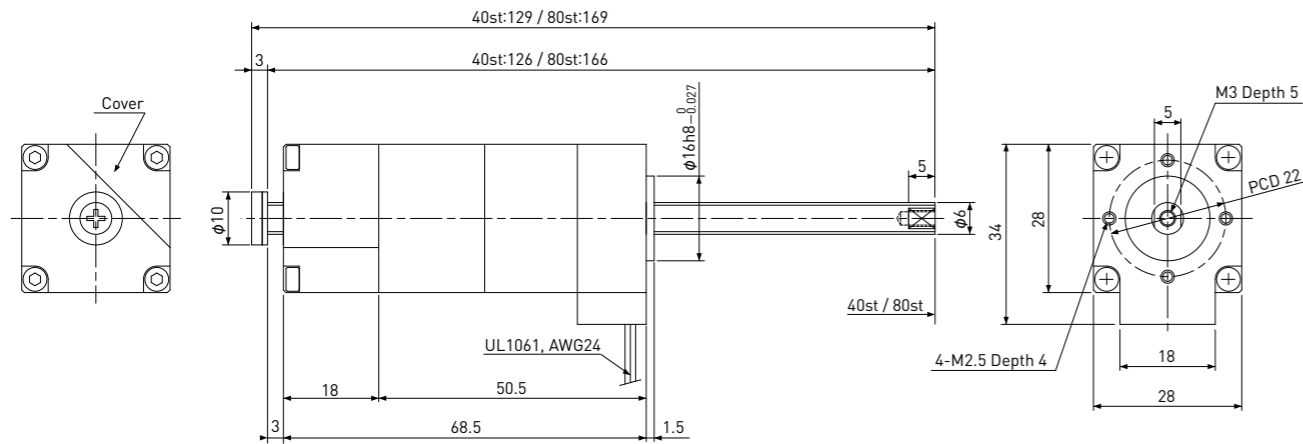


DDACL28-G01 040/080

Lead : 1mm
Travel : 40/80mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

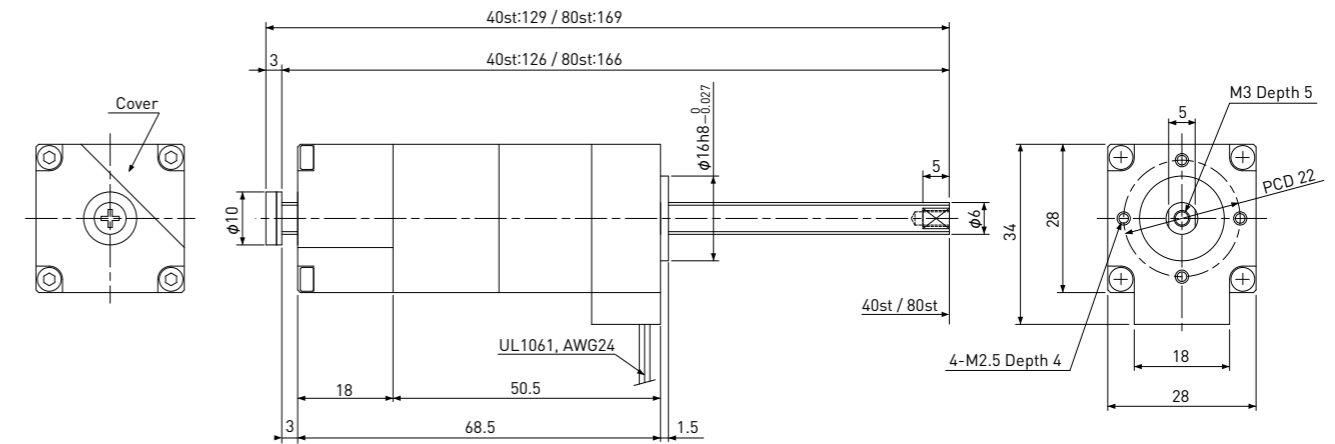
Specifications	
Motor Frame Size	□28 (NEMA11)
Drive Screw type	Precision Ball Screw
Screw Lead	1mm
Travel	40mm / 80mm
Repeatability	±0.005mm
Lost Motion	0.010mm
Maximum Speed	20mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	50N
Mass	Travel 40mm : 230g Travel 80mm : 240g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type (Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL28-G02 040/080

Lead : 2mm
Travel : 40/80mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

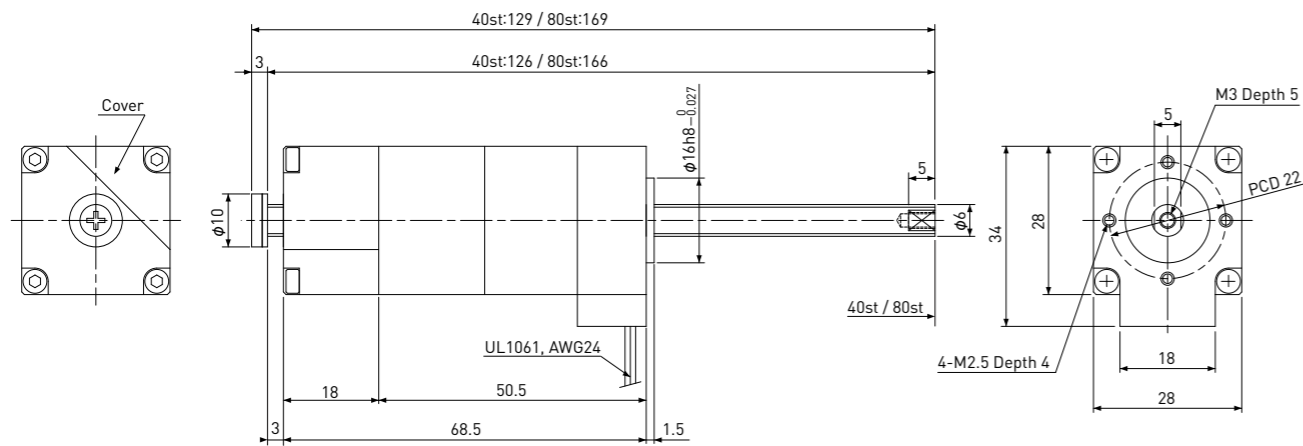
Specifications	
Motor Frame Size	□28 (NEMA11)
Drive Screw type	Precision Ball Screw
Screw Lead	2mm
Travel	40mm / 80mm
Repeatability	±0.005mm
Lost Motion	0.010mm
Maximum Speed	40mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	25N
Mass	Travel 40mm : 230g Travel 80mm : 240g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type (Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL28-R01 040/080

Lead : 1mm
Travel : 40/80mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

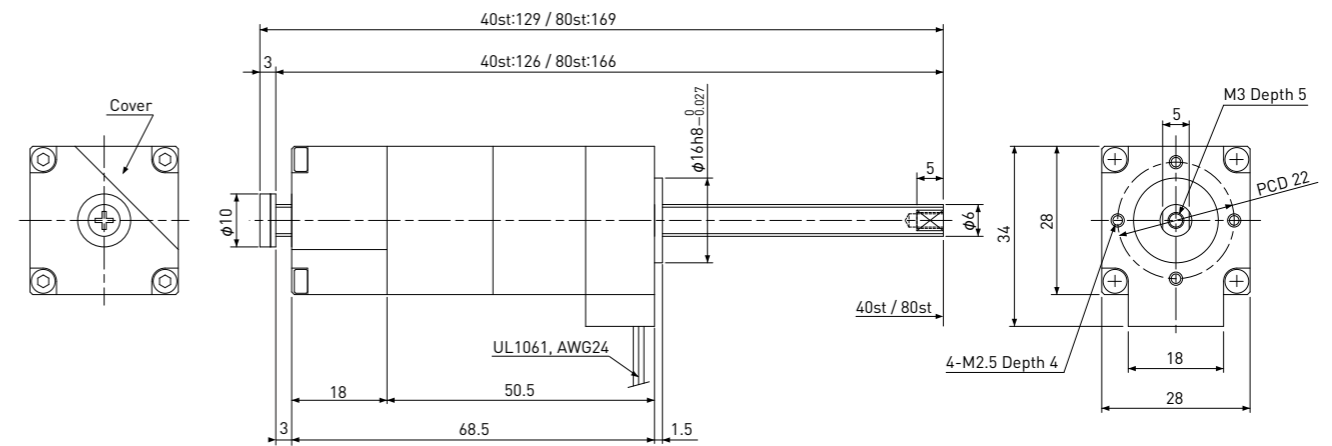
Specifications	
Motor Frame Size	□28 (NEMA11)
Drive Screw type	Rolled Ball Screw
Screw Lead	1mm
Travel	40mm / 80mm
Repeatability	±0.010mm
Lost Motion	0.020mm
Maximum Speed	20mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	50N
Mass	Travel 40mm : 230g Travel 80mm : 240g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type (Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL28-R02 040/080

Lead : 2mm
Travel : 40/80mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

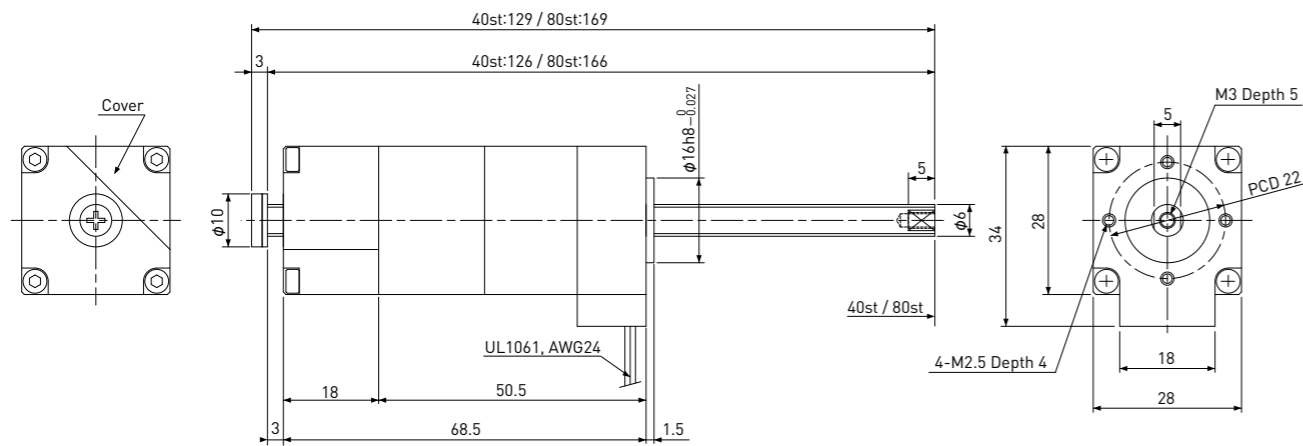
Specifications	
Motor Frame Size	□28 (NEMA11)
Drive Screw type	Rolled Ball Screw
Screw Lead	2mm
Travel	40mm / 80mm
Repeatability	±0.010mm
Lost Motion	0.020mm
Maximum Speed	40mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	25N
Mass	Travel 40mm : 230g Travel 80mm : 240g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type (Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL28-Re02 040/080

Lead : 2mm
Travel : 40/80mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

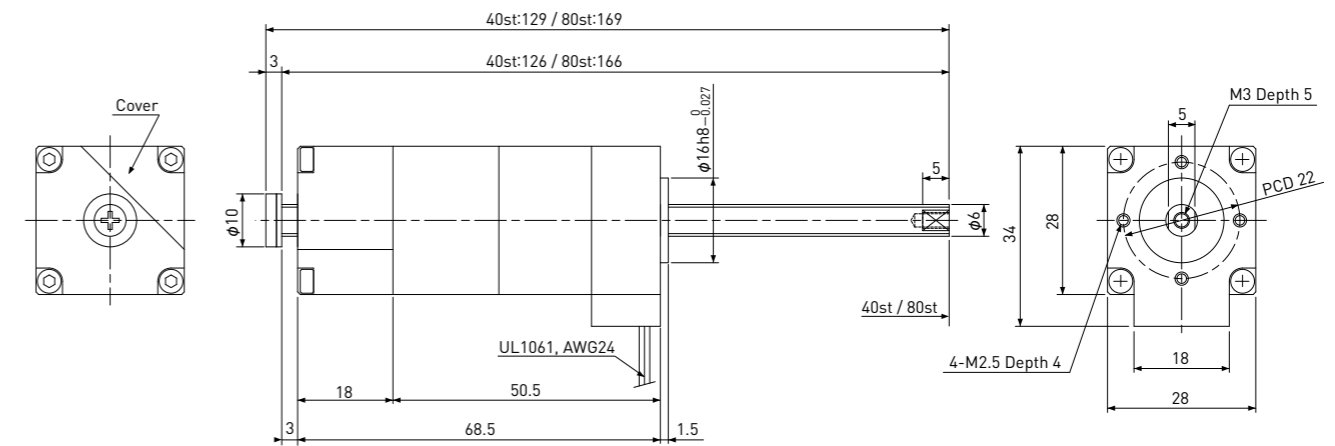
Specifications	
Motor Frame Size	□28 (NEMA11)
Drive Screw type	Resin Lead Screw
Screw Lead	2mm
Travel	40mm / 80mm
Repeatability	±0.030mm
Lost Motion	0.060mm
Maximum Speed	20mm/sec
Acceleration & Deceleration time	Min. 0.4sec
Thrust Force	10N
Mass	Travel 40mm : 210g Travel 80mm : 220g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type (Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL28-Re06 040/080

Lead : 6mm
Travel : 40/80mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

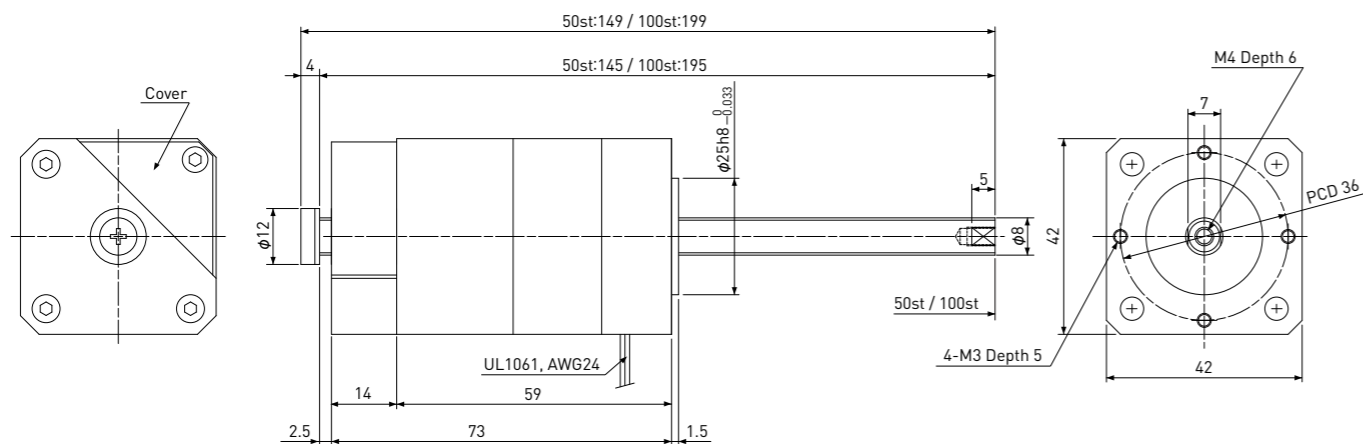
Specifications	
Motor Frame Size	□28 (NEMA11)
Drive Screw type	Resin Lead Screw
Screw Lead	6mm
Travel	40mm / 80mm
Repeatability	±0.030mm
Lost Motion	0.060mm
Maximum Speed	60mm/sec
Acceleration & Deceleration time	Min. 0.4sec
Thrust Force	2.5N
Mass	Travel 40mm : 210g Travel 80mm : 220g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type (Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL42-G02 050/100

Lead : 2mm
Travel : 50/100mm



Motor lead wire (310mm)

A	Black
A̅	Green
B	Red
B̅	Blue

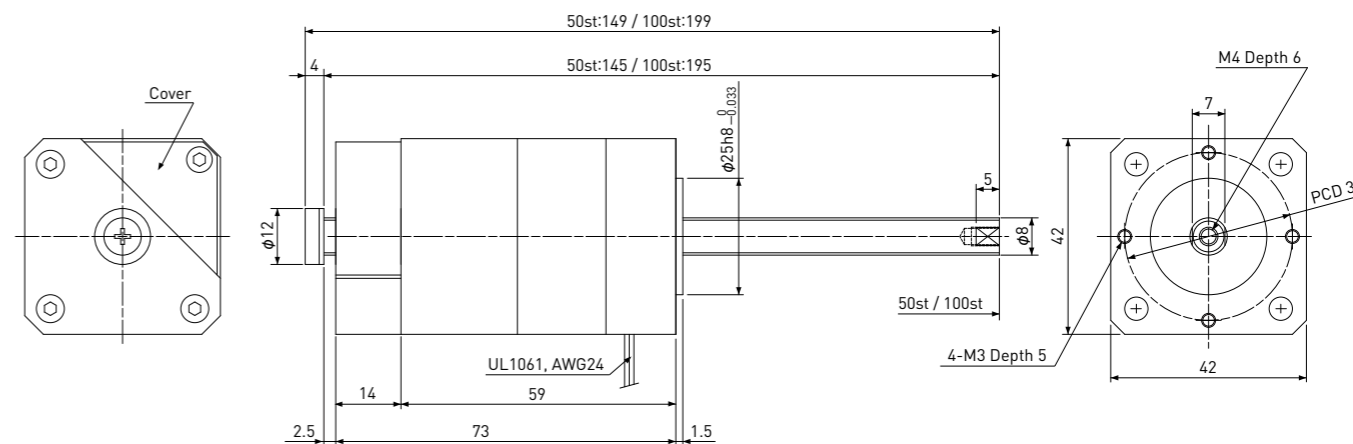
Specifications	
Motor Frame Size	□42 (NEMA17)
Drive Screw type	Precision Ball Screw
Screw Lead	2mm
Travel	50mm / 100mm
Repeatability	±0.005mm
Lost Motion	0.010mm
Maximum Speed	40mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	80N
Mass	Travel 50mm : 530g Travel 100mm : 550g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type (Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL42-G05 050/100

Lead : 5mm
Travel : 50/100mm



Motor lead wire (310mm)

A	Black
A̅	Green
B	Red
B̅	Blue

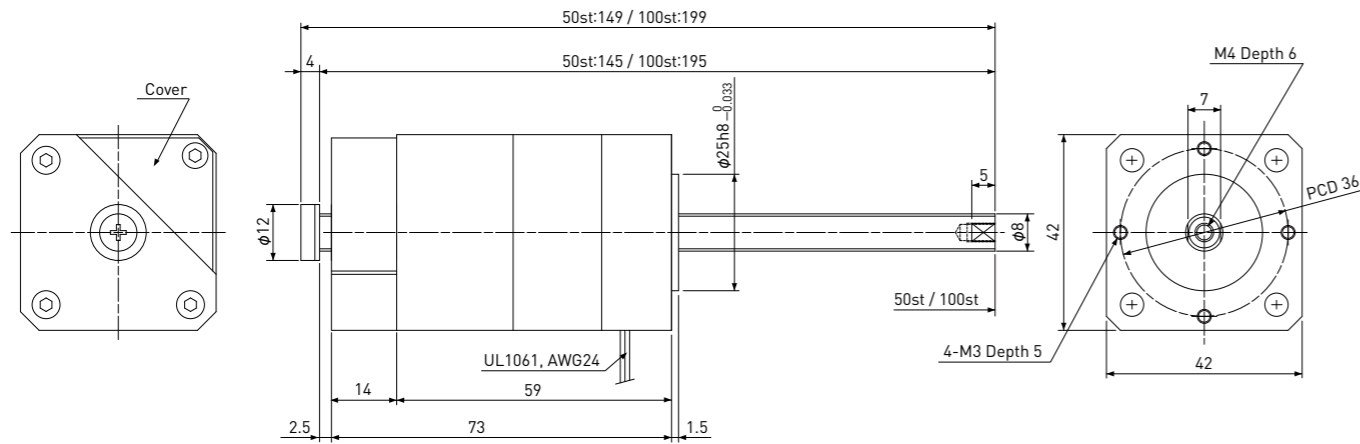
Specifications	
Motor Frame Size	□42 (NEMA17)
Drive Screw type	Precision Ball Screw
Screw Lead	5mm
Travel	50mm / 100mm
Repeatability	±0.005mm
Lost Motion	0.010mm
Maximum Speed	100mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	30N
Mass	Travel 50mm : 530g Travel 100mm : 550g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type (Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL42-R02 050/100

Lead : 2mm
Travel : 50/100mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

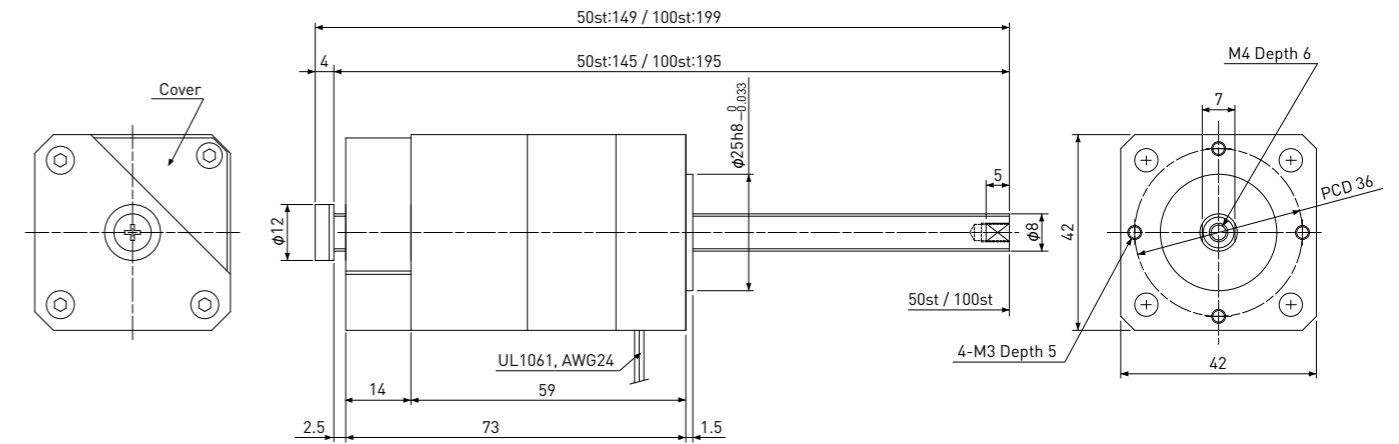
Specifications	
Motor Frame Size	□42 (NEMA17)
Drive Screw type	Rolled Ball Screw
Screw Lead	2mm
Travel	50mm / 100mm
Repeatability	±0.010mm
Lost Motion	0.020mm
Maximum Speed	40mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	80N
Mass	Travel 50mm : 530g Travel 100mm : 550g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type (Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL42-R05 050/100

Lead : 5mm
Travel : 50/100mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

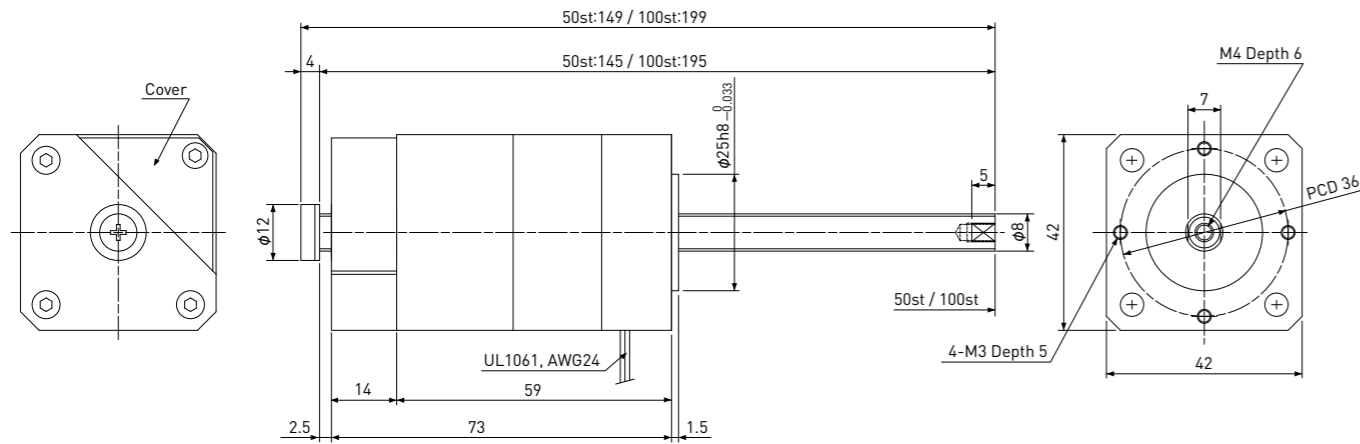
Specifications	
Motor Frame Size	□42 (NEMA17)
Drive Screw type	Rolled Ball Screw
Screw Lead	5mm
Travel	50mm / 100mm
Repeatability	±0.010mm
Lost Motion	0.020mm
Maximum Speed	100mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	30N
Mass	Travel 50mm : 530g Travel 100mm : 550g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type (Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL42-Re02 050/100

Lead : 2mm
Travel : 50/100mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

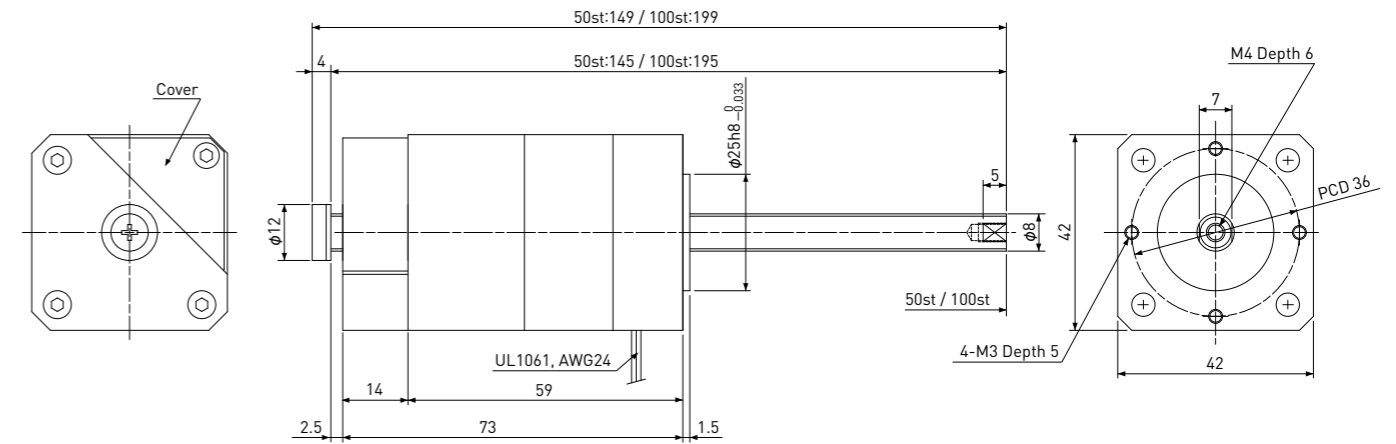
Specifications	
Motor Frame Size	□42 (NEMA17)
Drive Screw type	Resin Lead Screw
Screw Lead	2mm
Travel	50mm / 100mm
Repeatability	±0.030mm
Lost Motion	0.060mm
Maximum Speed	20mm/sec
Acceleration & Deceleration time	Min. 0.4ec
Thrust Force	20N
Mass	Travel 50mm : 490g Travel 100mm : 510g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type(Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

DDACL42-Re05 050/100

Lead : 5mm
Travel : 50/100mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

Specifications	
Motor Frame Size	□42 (NEMA17)
Drive Screw type	Resin Lead Screw
Screw Lead	5mm
Travel	50mm / 100mm
Repeatability	±0.030mm
Lost Motion	0.060mm
Maximum Speed	50mm/sec
Acceleration & Deceleration time	Min. 0.4sec
Thrust Force	10N
Mass	Travel 50mm : 490g Travel 100mm : 510g
Operating Temperature	0~40°C (No Condensation)

Precautions

- CL type(Non-Captive type) does not have an anti-rotating device. External anti-rotating device should be set up when usage.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

Motor Specifications	
Driving method	2-phase Bi-polar
Rated Voltage	2.5V(DC)
Rated current	1.2A/phase
Winding resistance	2.1Ω
Insulation Class	Class B(130°C)

Motor Specifications	
Driving method	2-phase Bi-polar
Rated Voltage	2.5V(DC)
Rated current	1.2A/phase
Winding resistance	2.1Ω
Insulation Class	Class B(130°C)