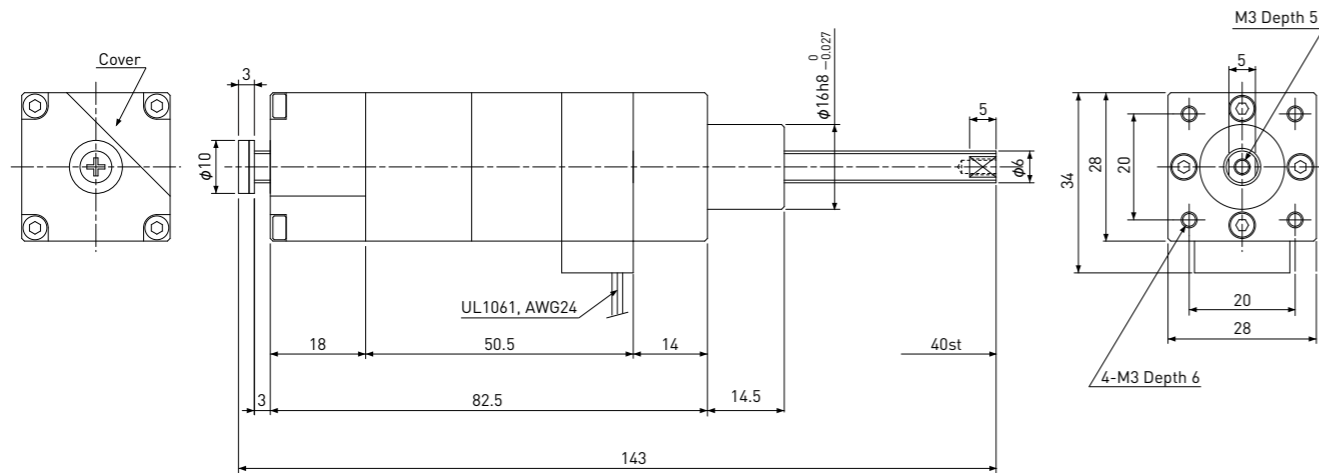


# DDAAR28-G01 040

Lead : 1mm  
Travel : 40mm



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
Repeatability	±0.005mm
Lost Motion	0.010mm
Maximum Speed	20mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	50N
Mass	270g
Operating Temperature	0~40°C (No Condensation)

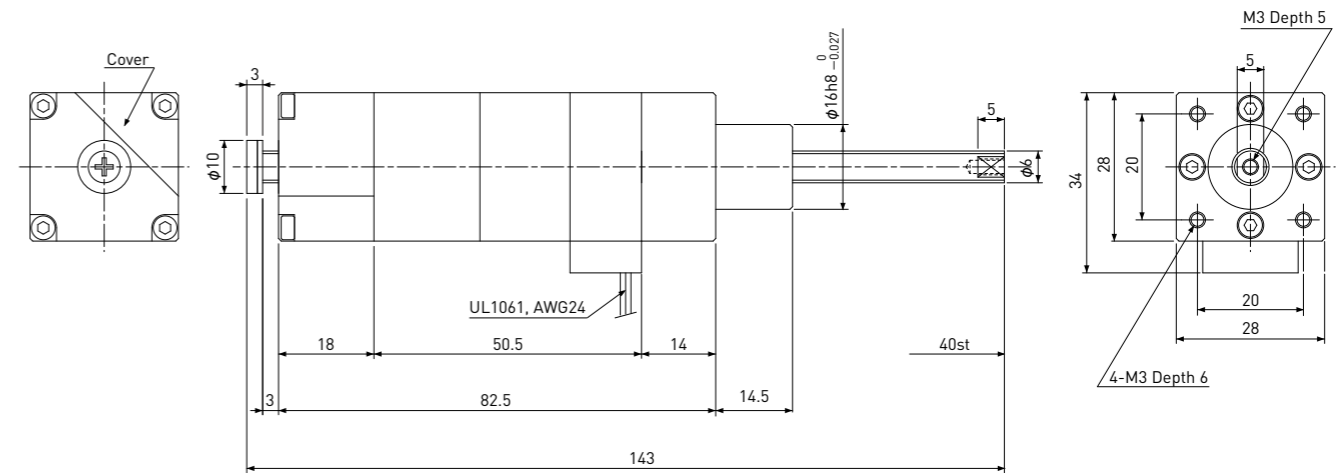
Motor Specifications	
Driving method	2-phase Bi-polar
Rated Voltage	3.8V(DC)
Rated current	0.67A/phase
Winding resistance	5.6Ω
Insulation Class	Class B(130°C)

**Precautions**

- Radial load is not able to apply on AR type (Captive type).
- 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.

# DDAAR28-G02 040

Lead : 2mm  
Travel : 40mm



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
Repeatability	±0.005mm
Lost Motion	0.010mm
Maximum Speed	40mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	25N
Mass	270g
Operating Temperature	0~40°C (No Condensation)

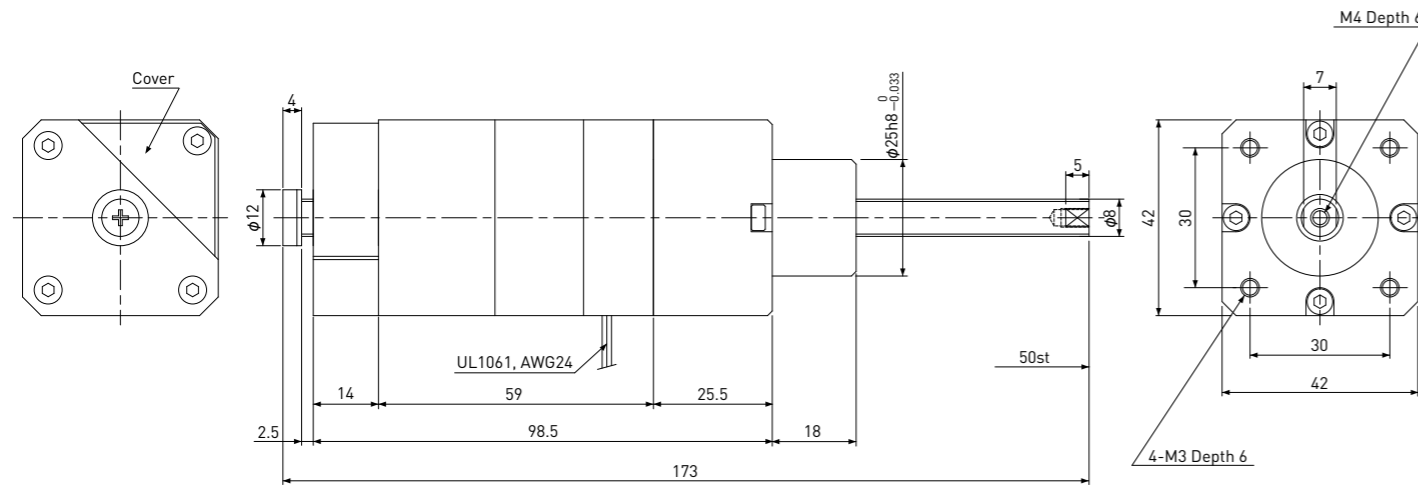
Motor Specifications	
Driving method	2-phase Bi-polar
Rated Voltage	3.8V(DC)
Rated current	0.67A/phase
Winding resistance	5.6Ω
Insulation Class	Class B(130°C)

**Precautions**

- Radial load is not able to apply on AR type (Captive type).
- 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.

# DDAAR42-G02 050

Lead : 2mm  
Travel : 50mm

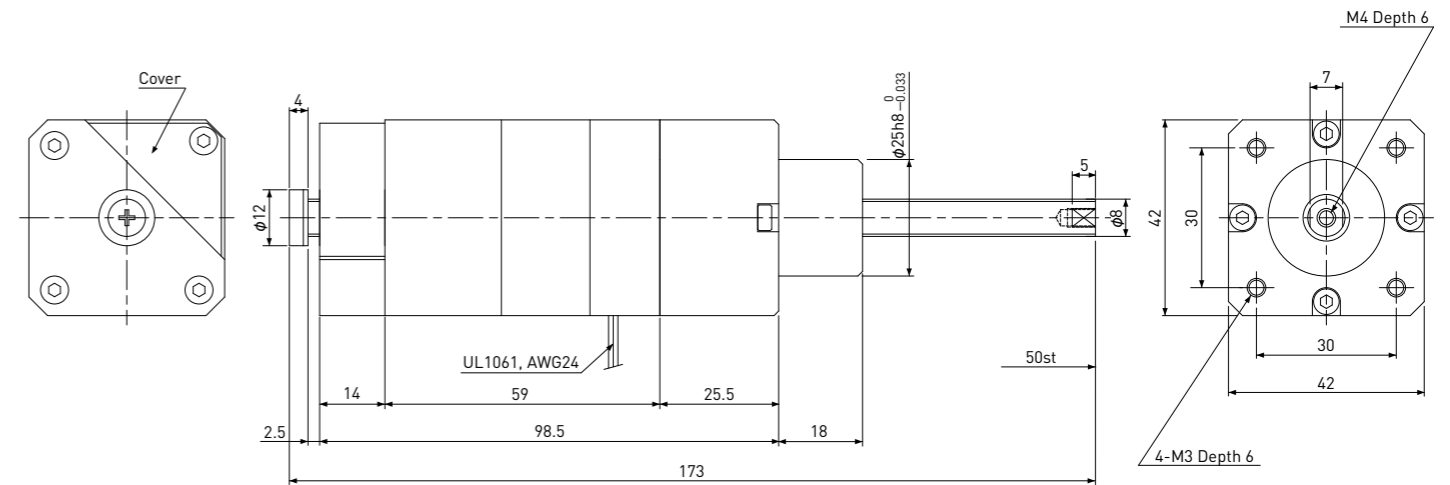


Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

# DDAAR42-G05 050

Lead : 5mm  
Travel : 50mm



Motor lead wire (310mm)

A	Black
Ā	Green
B	Red
B̄	Blue

Specifications	
Motor Frame Size	□42 (NEMA17)
Drive Screw type	Precision Ball Screw
Screw Lead	2mm
Travel	50mm
Repeatability	±0.005mm
Lost Motion	0.010mm
Maximum Speed	40mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	80N
Mass	660g
Operating Temperature	0~40°C (No Condensation)

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)

Specifications	
Motor Frame Size	□42 (NEMA17)
Drive Screw type	Precision Ball Screw
Screw Lead	5mm
Travel	50mm
Repeatability	±0.005mm
Lost Motion	0.010mm
Maximum Speed	100mm/sec
Acceleration & Deceleration time	Min. 0.2sec
Thrust Force	30N
Mass	660g
Operating Temperature	0~40°C (No Condensation)

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)

**Precautions**

- Radial load is not able to apply on AR type (Captive type) .
- 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.

**Precautions**

- Radial load is not able to apply on AR type (Captive type) .
- 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.