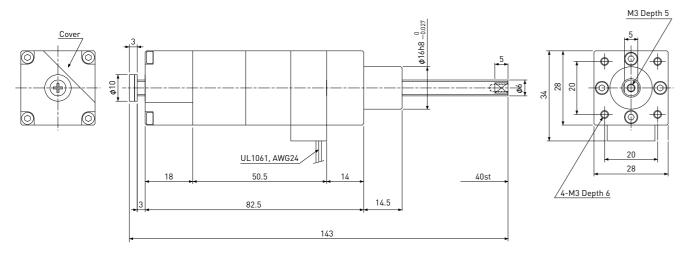
## DDAAR28-G01 040

Lead : 1mm Travel : 40mm

## DDAAR28-G02 040

Lead : 2mm Travel : 40mm



### Motor lead wire (310mm)

Α	Black
Ā	Green
В	Red
R	Blue

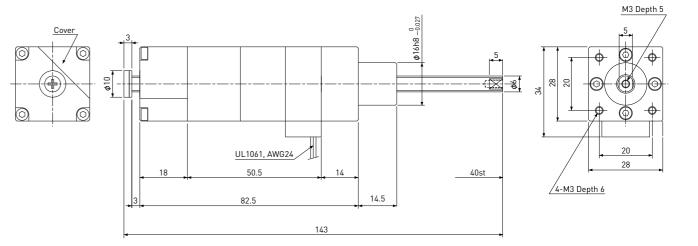
Specifications		
Motor Frame Size	□28 (NEMA11)	
Drive Screw type	Precision Ball Screw	
Screw Lead	1mm	
Travel	40mm	
Repeatability	±0.005mm	
Lost Motion	0.010mm	
Maximum Speed	20mm/sec	
Acceleration & Deceleration time	Min. 0.2sec	
Thrust Force	50N	
Mass	270g	
Operating Temperature	0~40°C (No Condensation)	

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)	

2-phase Bi-polar	
3.8V(DC)	
0.67A/phase	
5.6Ω	
Class B(130℃)	

### 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.



#### Motor lead wire (310mm)

1-1010	i toda wii o toi oi	• • •
Α	Black	
Ā	Green	
В	Red	
B	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)	

### Precaution

- 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.

Miniature Electric Cylinder

Standard products AR Series (Captive type)

0

Motor lead wire (310mm)

A Black

A Green B Red

(0)

# DDAAR42-G02 050

Lead: 2mm Travel: 50mm

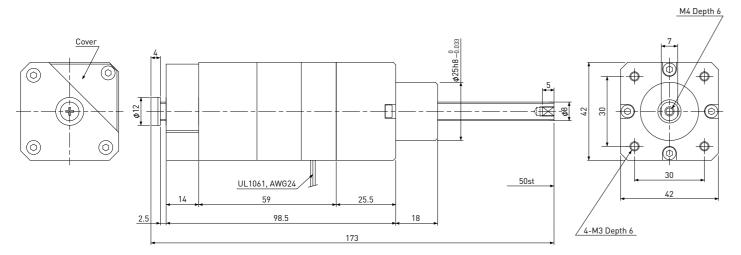
# DDAAR42-G05 050

UL1061, AWG24

173

Lead: 5mm Travel: 50mm

M4 Depth 6





	Α	Black
Γ	Ā	Green
Γ	В	Red
Г	B	Rlue

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℃)	

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 metho	d 2-phase Bi-polar	
Rated Voltag	e 2.5V(DC)	
Rated curren	t 1.2A/phase	

Winding resistance

Insulation Class

2.1Ω

Class B(130°C)

-(IX -%

- · 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.

Frecision ball screw	Drive Screw type
2mm	Screw Lead
50mm	Travel
±0.005mm	Repeatability
0.010mm	Lost Motion
40mm/sec	Maximum Speed
Min. 0.2sec	Acceleration & Deceleration time
80N	Thrust Force
660g	Mass
0~40°C (No Condensation)	Operating Temperature

- · 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.