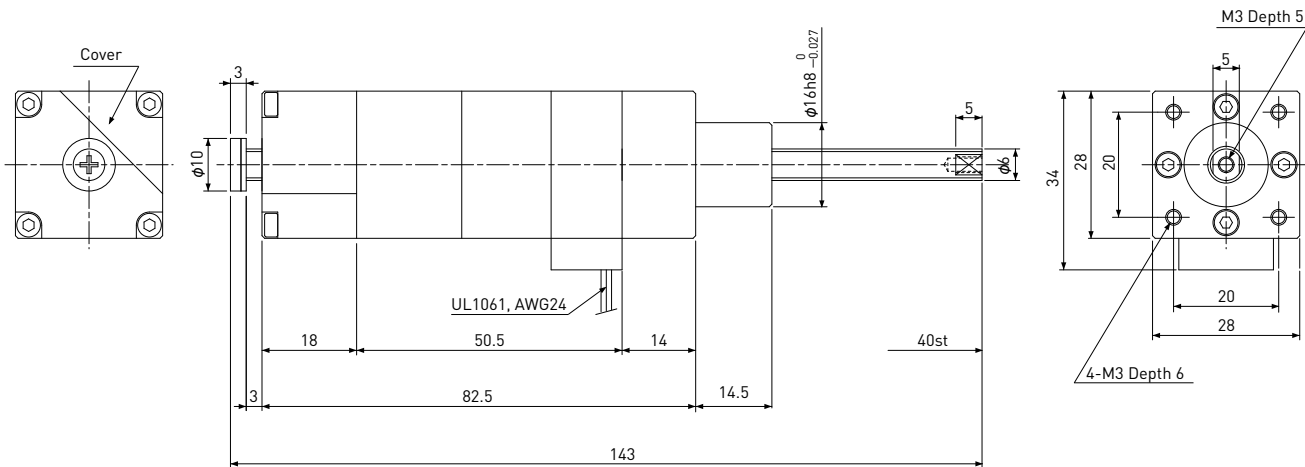


Anti-rotating device built-in model

DDAAR □28 / NEMA 11

Shaft dia. $\phi 6$



Motor lead wire

A	Black
\bar{A}	Green
B	Red
\bar{B}	Blue

UL1061, AWG24(310mm)

Recommended Drivers

SD4030B3

Note) Refer to page P164 for connection diagram of recommended Drivers.

Specifications		
	DDAAR28-G01 040	DDAAR28-G02 040
Drive Screw type	Precision Ball Screw	
Screw lead	1mm	2mm
Travel	40mm	
Repeatability	$\pm 0.005\text{mm}$	
Lost Motion	0.010mm	
Permissible Speed	20mm/sec	40mm/sec
Acceleration & deceleration time	Min. 0.2sec	
Thrust Force	50N	25N
Mass	270g	

Motor Specifications	
Basic step angle	1.8°
Driving method	2-phase Bi-polar
Rated Voltage	DC 3.8 V
Rated current	0.67 A/phase
Winding resistance	5.6 Ω
Winding inductance	5.3mH
Insulation Class	Class B (130°C)
Operating Temperature	0~40°C (No Condensation)

Precautions

- Radial load can not be applied on Captive type. For more detail, please see page S105.
- 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