

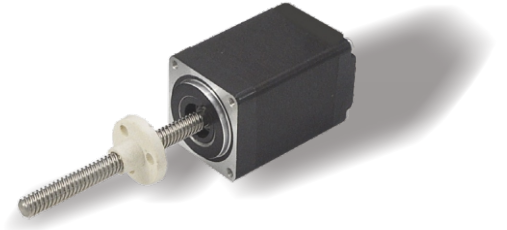
28LHS1004E-100

Hybrid Linear Stepper Motors

2 Phase, Nema 11, External Nut

Specifications

Step Angle	1.8° (2 Phase)
Step Angle Accuracy	±0.09°
Size	Nema 11
Insulation Grade	500VDC, 100 MΩ Min. , Class B
Dielectric Strength	500 VAC for 1 Minute
Temperature Rise	Less than 80°C (Rated Current)
Surface Temperature	Max. Allowed 100°C
Humidity Range	20% to 90% RH
IP Grade	IP40
Nut Material	POM
Certificates	Rohs, CE, CCC



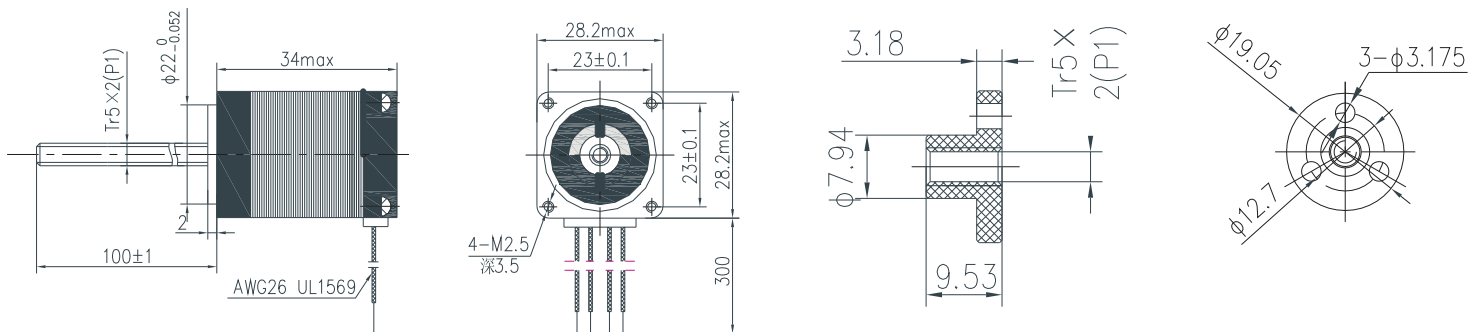
Highlights:

- Low Noise, Low Vibration, Low Heating;
- High Smoothness;
- High Efficiency, Long lifetime ;
- Flexible in Customization:
Screw Diameter, Screw Lead, Screw Length, Motor Length,
Electric Parameters, Motor Surface Processing etc.

Model	Current	Resistance	Inductance	Min Thrust	Rotor Inertia	Bi/Unipolar	Screw Lead	Screw Length	Weight	Motor Length	Driver
	A/Ø	Ω/Ø	mH/Ø	N @10RPS	g.cm ²	# of Wires	mm	mm	kg	mm	
28LHS1004E-100	1.0	2.2	1.2	20	9	Bi (4)	2	100	0.12	34	Y2SD1

Note: Customization of motor and leadscrew specifications available.

Mechanical Dimensions (in mm)



Wiring Diagram

