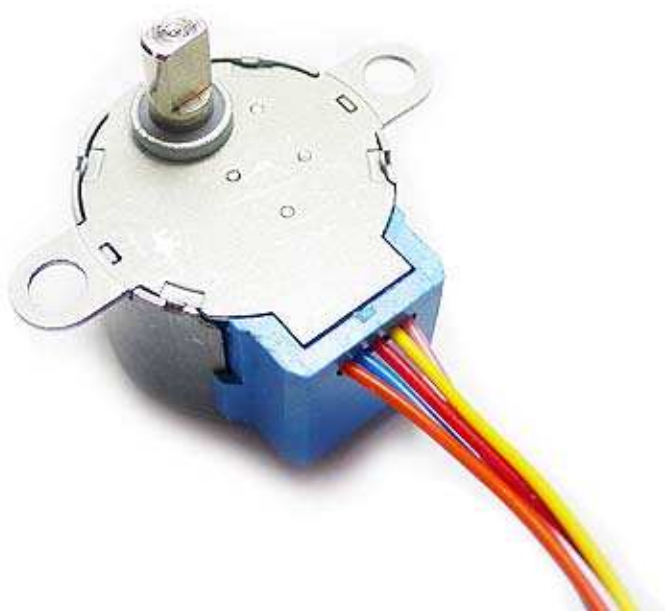


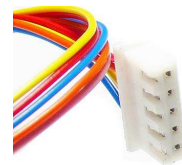
Product 28BYJ-48 High Quality Stepper Motor 12V

28BYJ-48 High Quality Stepper Motor 12V



Description :

Mainly used in Air Conditioner Louver , Small Cooling/Heating Fan etc., Stable and all technic parameters are qualified for national electronic standard of SJ/T10689-95.

**Electronic Parameters :**

Rated voltage : 12VDC

Number of Phase : 4

Speed Variation Ratio : 1/64

Stride Angle : 5.625° /64

Frequency : 100Hz

DC resistance : $200\Omega \pm 7\%$ (25°C)

Idle In-traction Frequency : >600Hz

Idle Out-traction Frequency : >1000Hz

In-traction Torque : >34.3mN.m(120Hz)

Self-positioning Torque : >34.3mN.m

Friction torque : 800-1800 gf.cm

Pull in torque : 450 gf.cm

Insulated resistance : >10M Ω (500V)

Insulated electricity power : 600VAC/1mA/1s

Insulation grade : A

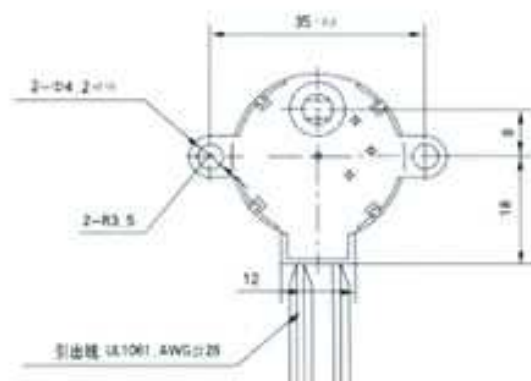
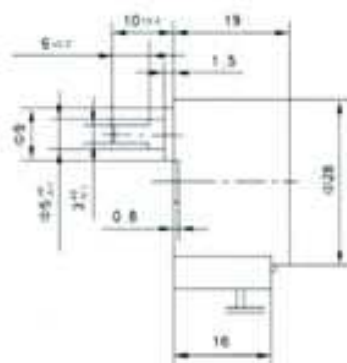
Rise in Temperature <40K(120Hz)

Noise <35dB(120Hz, No load, 10cm)

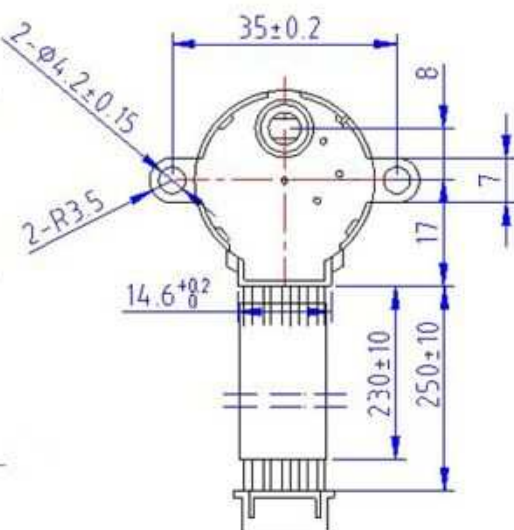
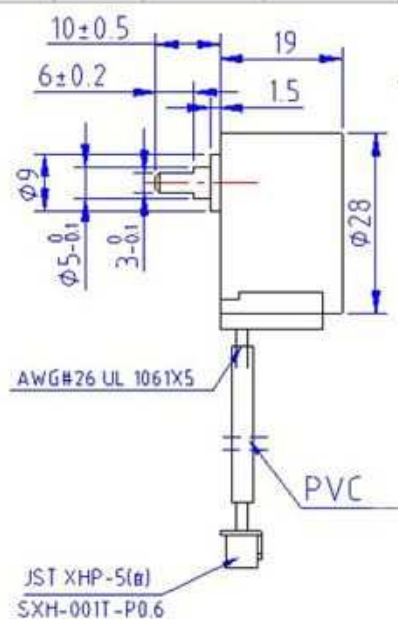
Model : 28BYJ-48



28BYJ48



Model	Rated Voltage (DCV)	Resistance Ω /Phase (at 25°C)	Max. Freeload Pull-in Frequency (PPS)	Max. Freeload Pull-out Frequency (PPS)	Pull-in Torque (mN.m)	Operation Frequency (PPS)	Detent Torque (mN.m)	Temperature Rise (K)	Noise (dB)	Step Angle (1-2phase)	Insulation Class
28BYJ48	5	60	≥ 500	≥ 900	≥ 29.4	100	≥ 29.4	≤ 40	≤ 35	5.625°/64	E
28BYJ48	12	130	≥ 500	≥ 900	≥ 44.1	100	≥ 29.4	≤ 40	≤ 35	5.625°/64	E
28BYJ48	12	200	≥ 500	≥ 900	≥ 34.3	100	≥ 29.4	≤ 40	≤ 35	5.625°/64	E
28BYJ48	12	250	≥ 500	≥ 900	≥ 34.3	100	≥ 29.4	≤ 40	≤ 35	5.625°/64	E
28BYJ48	12	300	≥ 500	≥ 900	≥ 34.3	100	≥ 29.4	≤ 40	≤ 35	5.625°/64	E
28BYJ48	12	320	≥ 500	≥ 900	≥ 29.4	100	≥ 29.4	≤ 40	≤ 35	5.625°/64	E
28BYJ48	12	380	≥ 500	≥ 900	≥ 29.4	100	≥ 29.4	≤ 40	≤ 35	5.625°/64	E



Wiring Diagram :

