



Data Sheet

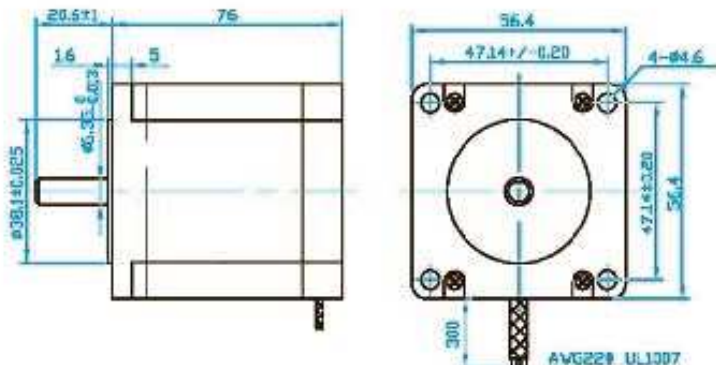
57mm 1.8' HIGH TORQUE STEPPER

ENGLISH

RS stock number 535-0445

200 STEP

Dimensions in mm



Specifications

Model	535-0445
Step Angle	1.8°
Step Angle Accuracy (Full Step, No Load) (%)	±5%
Rated Voltage (V)	3.2
Current/ Phase (A)	2.8
Resistance/Phase (Ω)	1.13
Inductance/Phase (mH)	3.6
Detent Torque (mNm)	72
Holding Torque (Ncm)	189
Rotor Inertia (g-cm ²)	480
Weight (Kg)	1
Number Of Leads (No.)	4

Characteristics

Resistance Accuracy ±10%
Inductance Accuracy ±20%
Temperature Rise 80°C Max. (Rated Current 2 phase On)
Ambient Temp -20 °C to +50 °C
Insulation Resistance 100mm Ωmin.,500Vdc
Dielectric Strength 500Vac for 1 min
Shaft Radial Play 0.06mm Max. (450G-Load)
Shaft Axial Play 0.08mm Max. (450G-load)

Speed V Torque Characteristics

