



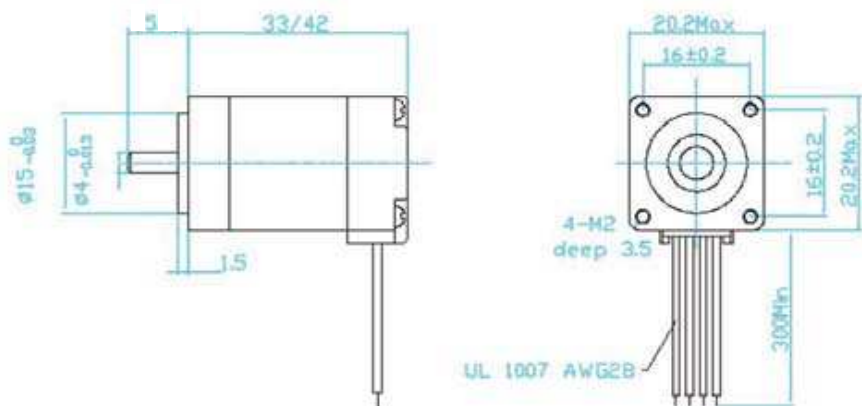
# Data Sheet

## 20mm 1.8' HIGH TORQUE STEPPER

RS stock number 535-0338

200 Step

ENGLISH



Dimensions in mm

### Specifications

Model	535-0338
Step Angle	1.8°
Step Angle Accuracy (Full Step, No Load) (%)	±5%
Rated Voltage (V)	3.96
Current/ Phase (A)	0.6
Resistance/Phase (Ω)	6.5
Inductance/Phase (mH)	1.7
Detent Torque (mNm)	
Holding Torque (Ncm)	1.75
Rotor Inertia (g-cm <sup>2</sup> )	2
Weight (Kg)	0.06
Number Of Leads (No.)	4

### Characteristics

<b>Resistance Accuracy</b> ±10%
<b>Inductance Accuracy</b> ±20%
<b>Temperature Rise</b> 80°C Max. (Rated Current 2 phase On)
<b>Ambient Temp</b> -20 °C to +50 °C
<b>Insulation Resistance</b> 100mm Ωmin.,500Vdc
<b>Dielectric Strength</b> 500Vac for 1 min
<b>Shaft Radial Play</b> 0.02mm Max. (450G-Load)
<b>Shaft Axial Play</b> 0.08mm Max. (450G-load)
<b>Max Radial Play</b> 28N(20mm from flange)
<b>Max Axial Force</b> 10N

### Speed V Torque Characteristics

24VDC 0.6A HALF STEP

