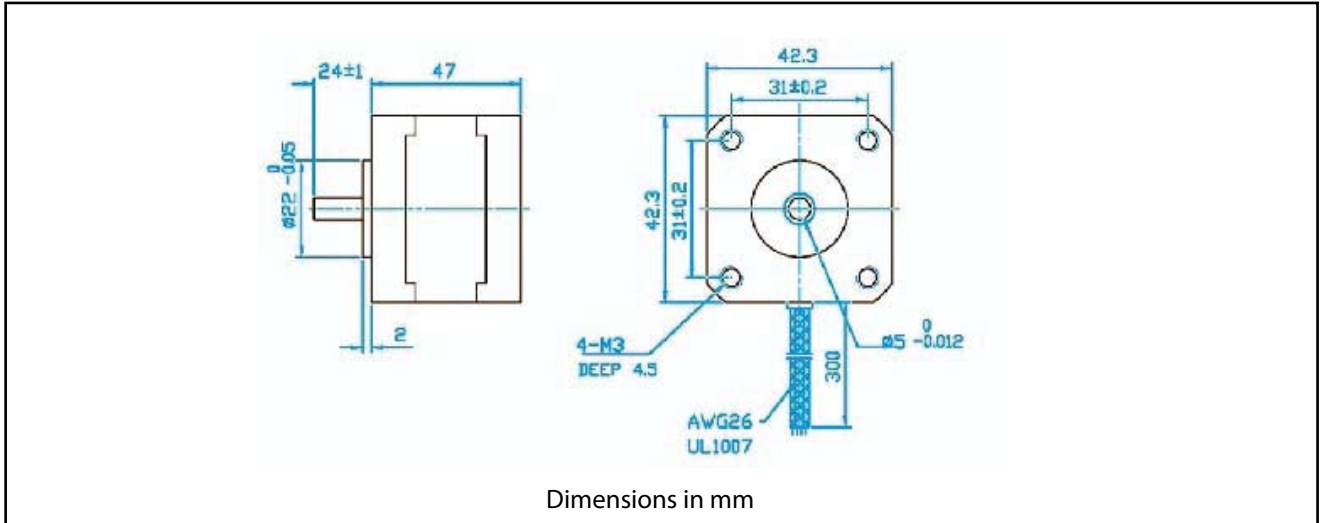




# 42mm 1.8' HIGH TORQUE STEPPER 200 STEP

## Data Sheet

RS stock number 535-0401



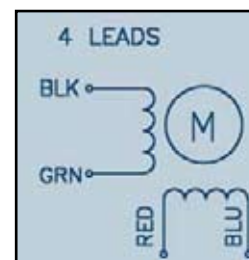
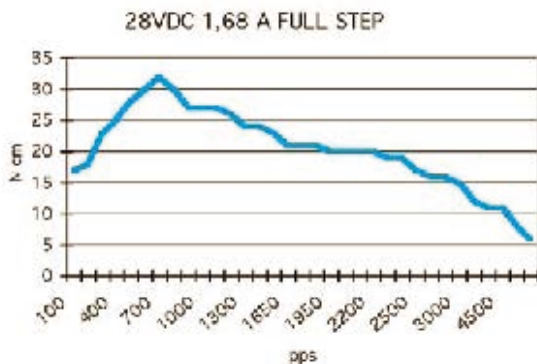
### Specifications

Model	535-0401
Step Angle	1.8°
Step Angle Accuracy (Full Step, No Load) (%)	±5%
Rated Voltage (V)	2.8
Current/ Phase (A)	1.68
Resistance/Phase (Ω)	1.65
Inductance/Phase (mH)	2.8
Detent Torque (mNm)	25
Holding Torque (Ncm)	44
Rotor Inertia (g-cm <sup>2</sup> )	68
Weight (Kg)	0.35
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> 0.06mm Max. (450G-Load)
<b>Shaft Axial Play</b> 0.08mm Max. (450G-load)

### Speed V Torque Characteristics



RS Components shall not be liable for any liability or loss of any nature (howsoever caused and whether or not due to RS Components' negligence) which may result from the use of any information provided in RS technical literature.

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