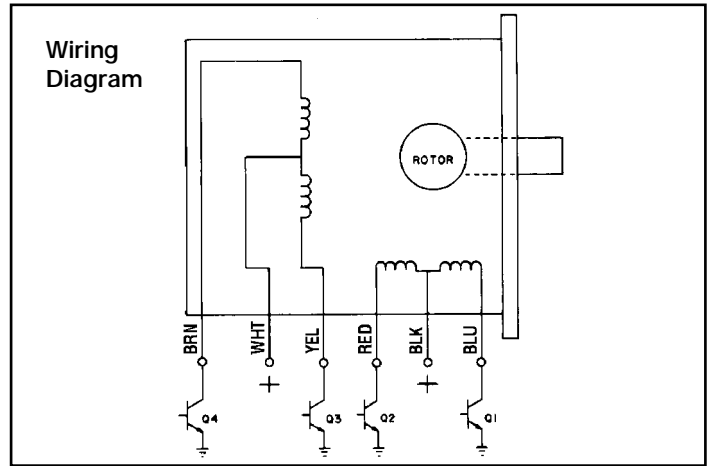
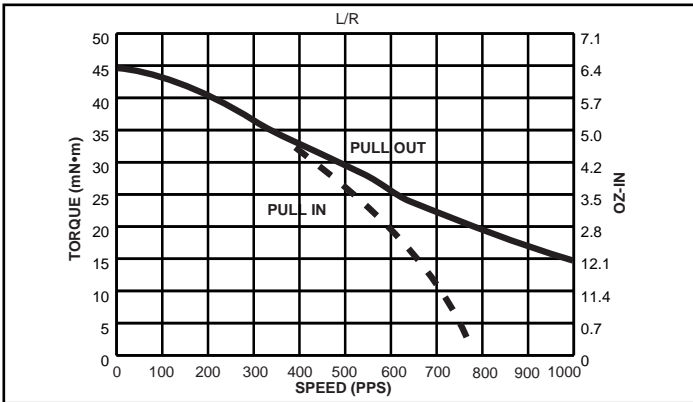
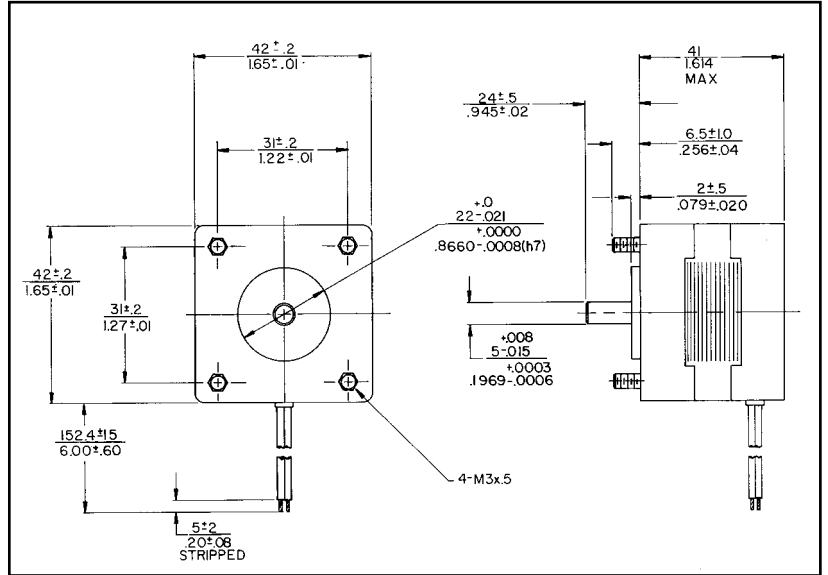


Dimensions: mm/in



NOTE: Refer to page 7 for unipolar switching sequence

Specifications

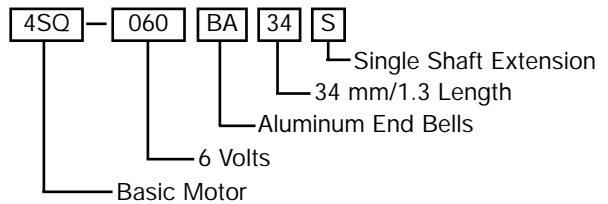
Part Number	4SQ - 120B34S
DC Operating Voltage	12
Res. per Winding Ω	5
Ind. per Winding mH	26
Holding Torque mN·m/oz·in [†]	65/9.2
Rotor Moment of Inertia g·m ²	1.9×10^{-3}
Detent Torque mN·m/oz·in	8.5/01.2
Step Angle	1.8°
Step Angle Tolerance [†]	±5%
Steps per Rev.	200
Max. Radial Load ^{††} kg/lb	4/8.8
Max. Axial Load kg/lb	8/17.6
Max. Temp. Rise	55°C
Ambient Temp Range	
Operating	-20°C to +50°C
Storage	-20°C to +60°C
Bearing Type	Bal, Double Shielded
Insulation Res. at 500Vdc	50 megohms
Dielectric Withstanding Voltage	500 Vac for 60 Sec
Weight g/oz	195/7

NOTE: Unless otherwise indicated all values shown are typical. Other windings available on special order. Consult Thomson Airpax for availability of motors with 3.6° step angle.

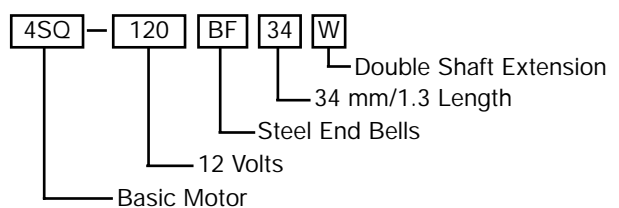
[†] Measured with 2 phases energized. ^{††} Measured at 10mm from mounting plate surface

Catalog P/N Construction

Example 1. Single Shaft Extension



Example 2. Double Shaft Extension



For information or to place an order in North America: 1 (203) 271-6444 Asia: (65) 7474-888