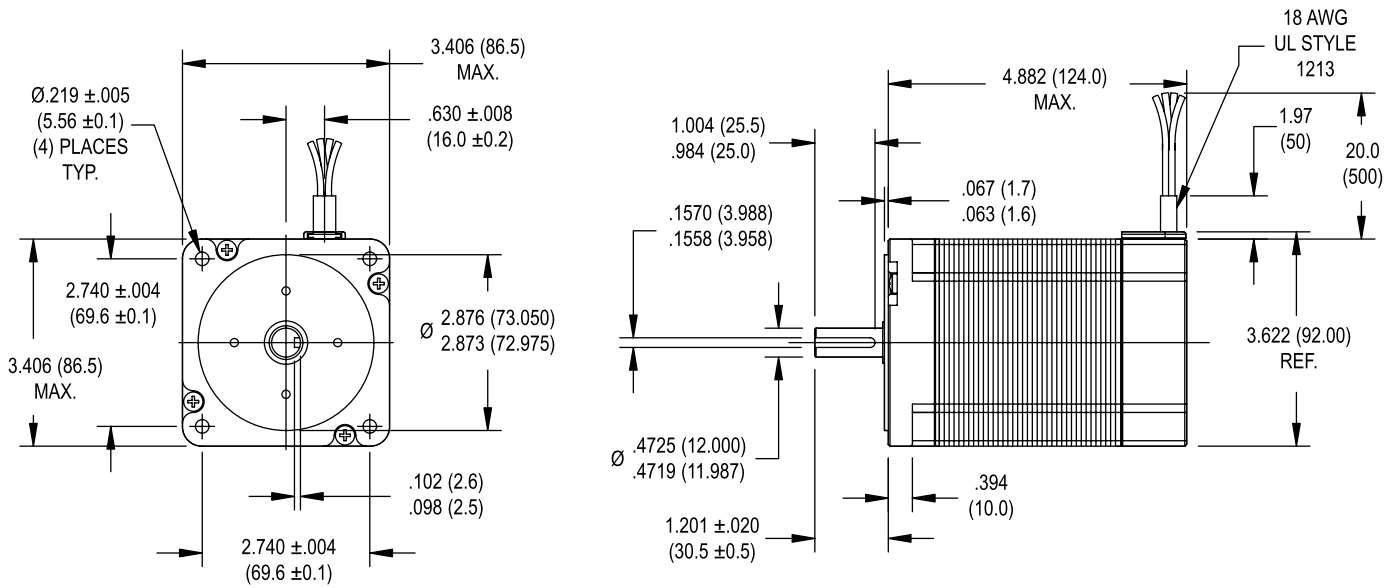
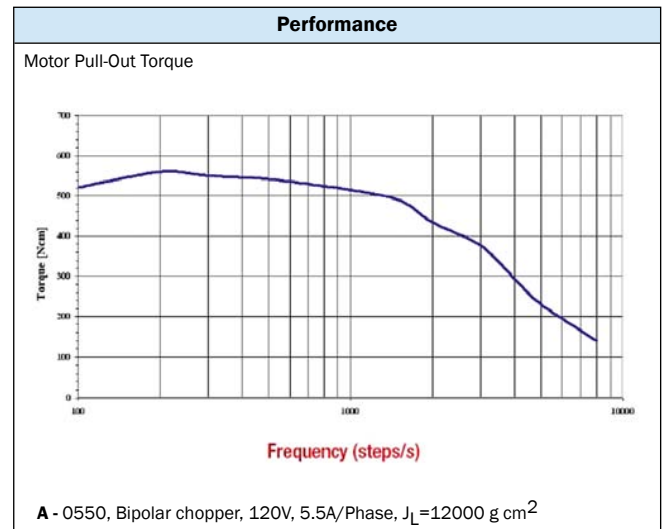


# SIZE 34 HIGH PERFORMANCE STEPPER MOTOR DATA



Specification	Units	HS 200 3448		
		0300	0550	0800
Rated Phase Current	A	3.00	5.50	8.00
Phase Resistance	$\Omega$	1.56	0.46	0.22
Phase Inductance	mH	14	4.0	1.9
Holding Torque Unipolar	oz-in Ncm	—	—	—
Holding Torque Bipolar	oz-in Ncm	1062 750	1062 750	1062 750
Detent Torque	oz-in Ncm	28 20	28 20	28 20
Rotor Inertia	oz-in-s <sup>2</sup> × 10 <sup>-4</sup> g-cm <sup>2</sup>	548 3870	548 3870	548 3870
Motor Weight (Mass)	lb kg	8.8 4.0	8.8 4.0	8.8 4.0
Maximum Voltage	V	160	160	160
Std. No. of Leads	—	4	4	4



- ### Standard Features
- Step angle: 1.8°
  - Step angle accuracy: 5%
  - Insulation class: B (130°C)
  - Optimized for microstep operation
  - NEMA 34 mounting configuration
  - Neodymium magnets
  - Additional windings and customization options available

- ### Complementary Products
- Gearboxes
  - Encoders

