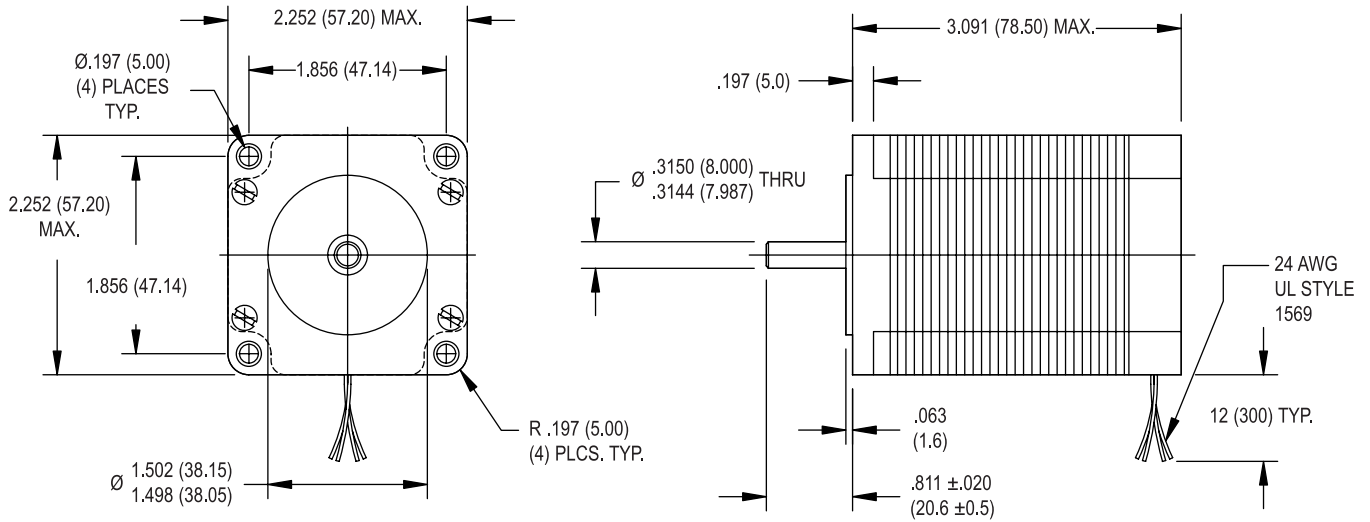
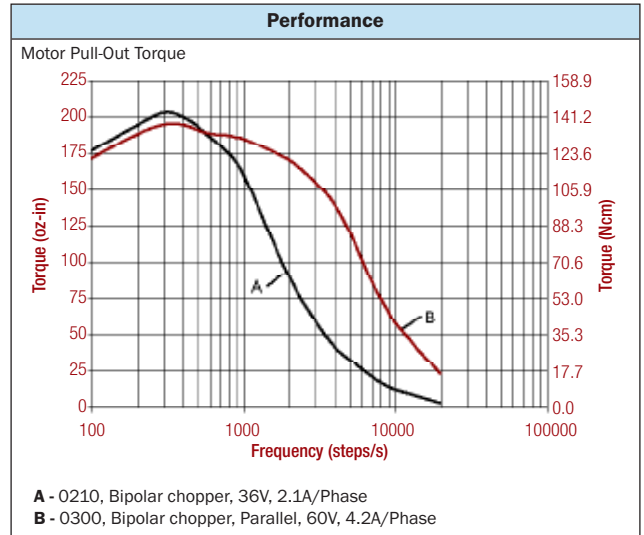


SIZE 23 HIGH PERFORMANCE STEPPER MOTOR DATA



Specification	Units	HS 200 2231	
		0210	0300
Rated Phase Current	A	2.10	3.00
Phase Resistance	Ω	2.0	1.1
Phase Inductance	mH	6.5	1.7
Holding Torque Unipolar	oz-in	—	177
	Ncm	—	125
Holding Torque Bipolar	oz-in	228	231
	Ncm	161	163
Detent Torque	oz-in	9.6	9.6
	Ncm	6.8	6.8
Rotor Inertia	oz-in-s ² x10 ⁻⁴	48	48
	g-cm ²	340	340
Motor Weight (Mass)	lb	2.2	2.2
	kg	1.0	1.0
Maximum Voltage	V	75	75
Std. No. of Leads	—	4	8

Available through the MotionExpress program.



- ### Standard Features
- Step angle: 1.8°
 - Step angle accuracy: 5%
 - Insulation class: B (130 °C)
 - Optimized for microstep operation
 - NEMA 23 mounting configuration
 - AlNiCo magnets
 - Additional windings and customization options available
 - CE approved

- ### Complementary Products
- Gearboxes
 - Encoders

