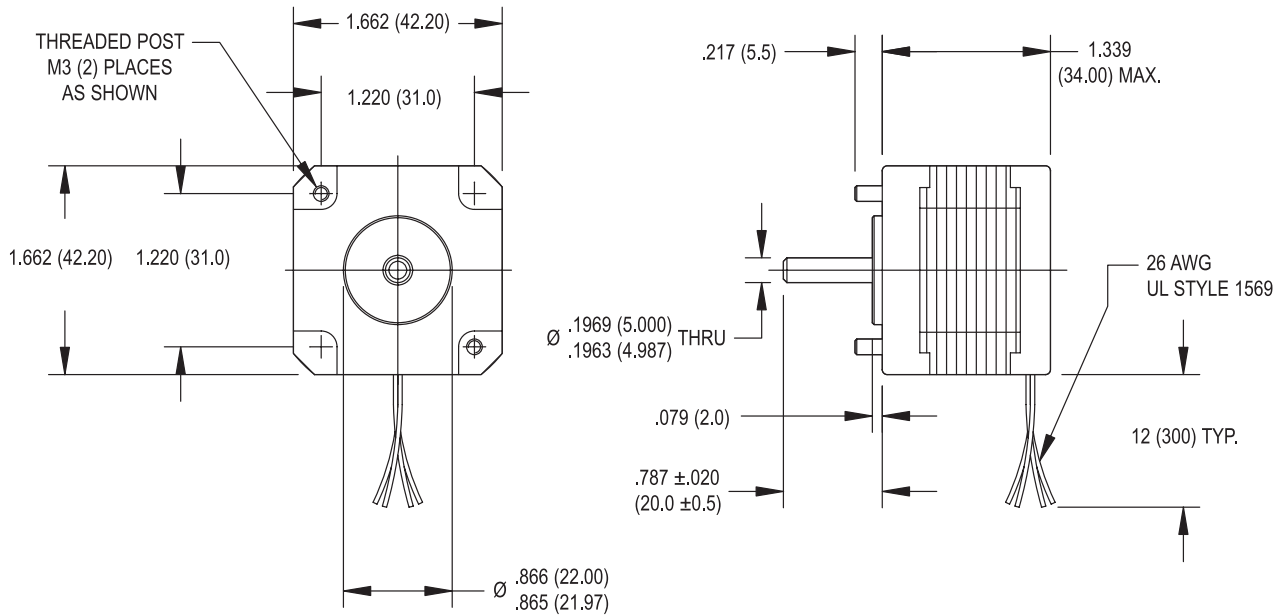
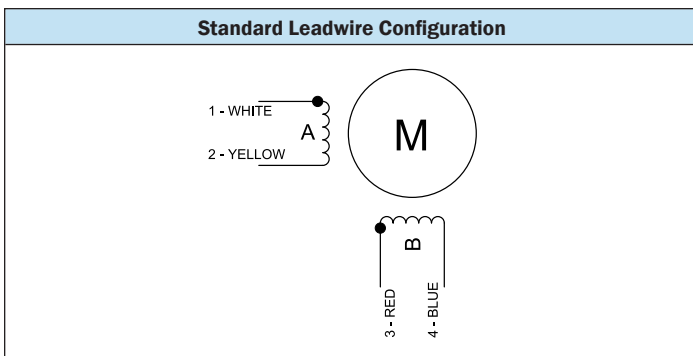
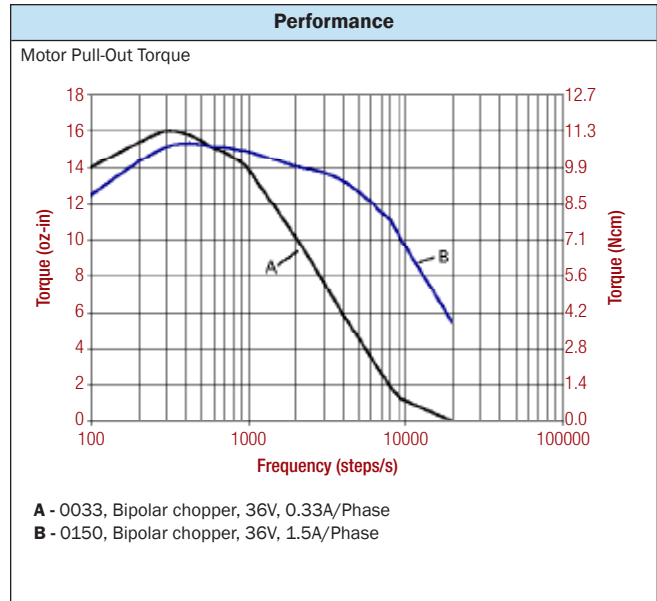


**SIZE 17 STEPPER MOTOR DATA**



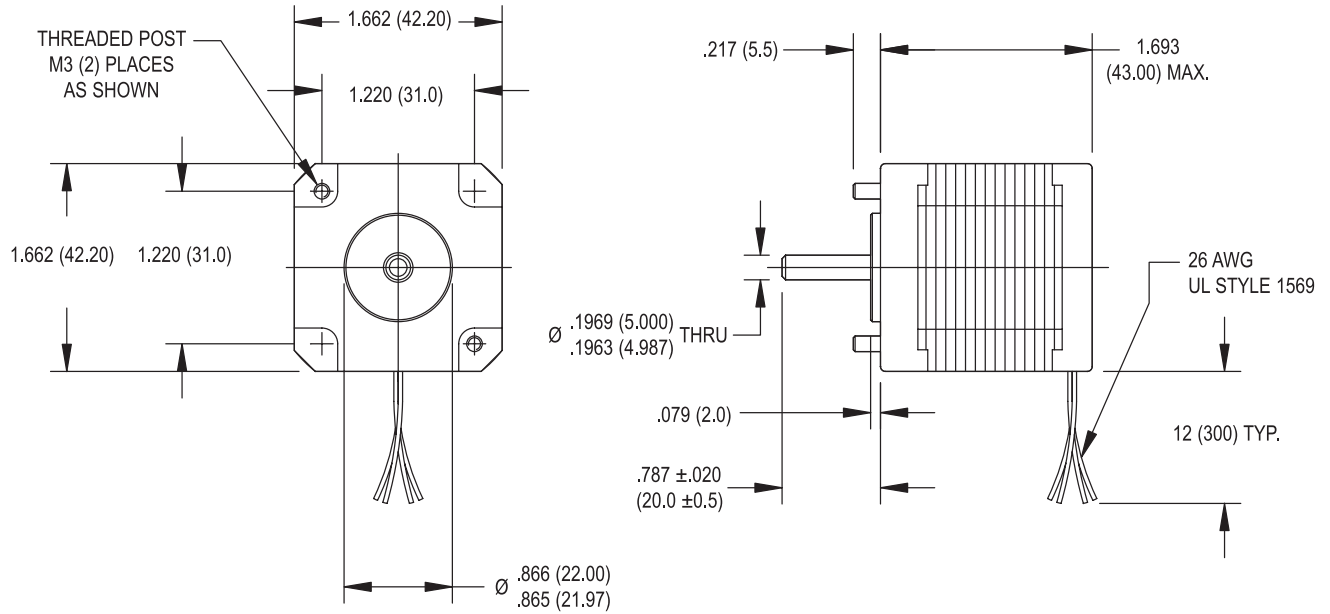
Specification	Units	HY 200 1713	
		0033	0150
Rated Phase Current	A	0.33	1.50
Phase Resistance	Ω	23.9	1.0
Phase Inductance	mH	28.9	1.2
Holding Torque Unipolar	oz-in Ncm	—	—
Holding Torque Bipolar	oz-in Ncm	19.4 13.7	18.4 13.0
Detent Torque	oz-in Ncm	2.4 1.7	2.4 1.7
Rotor Inertia	oz-in-s <sup>2</sup> x10 <sup>-4</sup> g-cm <sup>2</sup>	2.5 18	2.5 18
Motor Weight (Mass)	lb kg	0.4 0.2	0.4 0.2
Maximum Voltage	V	40	40
Std. No. of Leads	—	4	4



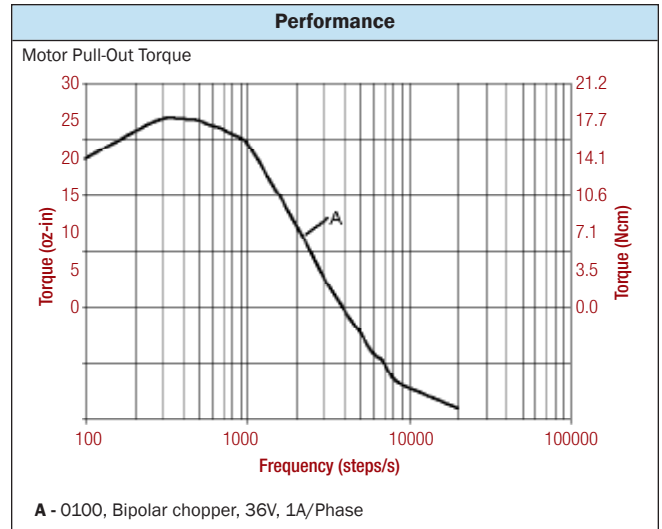
- Standard Features**
- Step angle: 1.8°
  - Step angle accuracy: 5%
  - Insulation class: B (130 °C)
  - NEMA 17 mounting configuration
  - Additional windings and customization options available

- Complementary Products**
- Gearboxes
  - Encoders

# SIZE 17 STEPPER MOTOR DATA

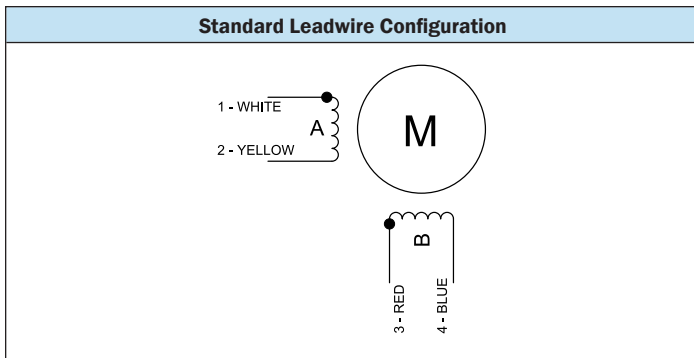


Specification	Units	HY 200 1717	
		0100	
Rated Phase Current	A	1.00	
Phase Resistance	Ω	4.6	
Phase Inductance	mH	10.6	
Holding Torque Unipolar	oz-in Ncm	—	
Holding Torque Bipolar	oz-in Ncm	32.7 23.1	
Detent Torque	oz-in Ncm	2.4 1.7	
Rotor Inertia	oz-in-s <sup>2</sup> x10 <sup>-4</sup> g-cm <sup>2</sup>	4.5 32	
Motor Weight (Mass)	lb kg	0.7 0.3	
Maximum Voltage	V	40	
Std. No. of Leads	—	4	

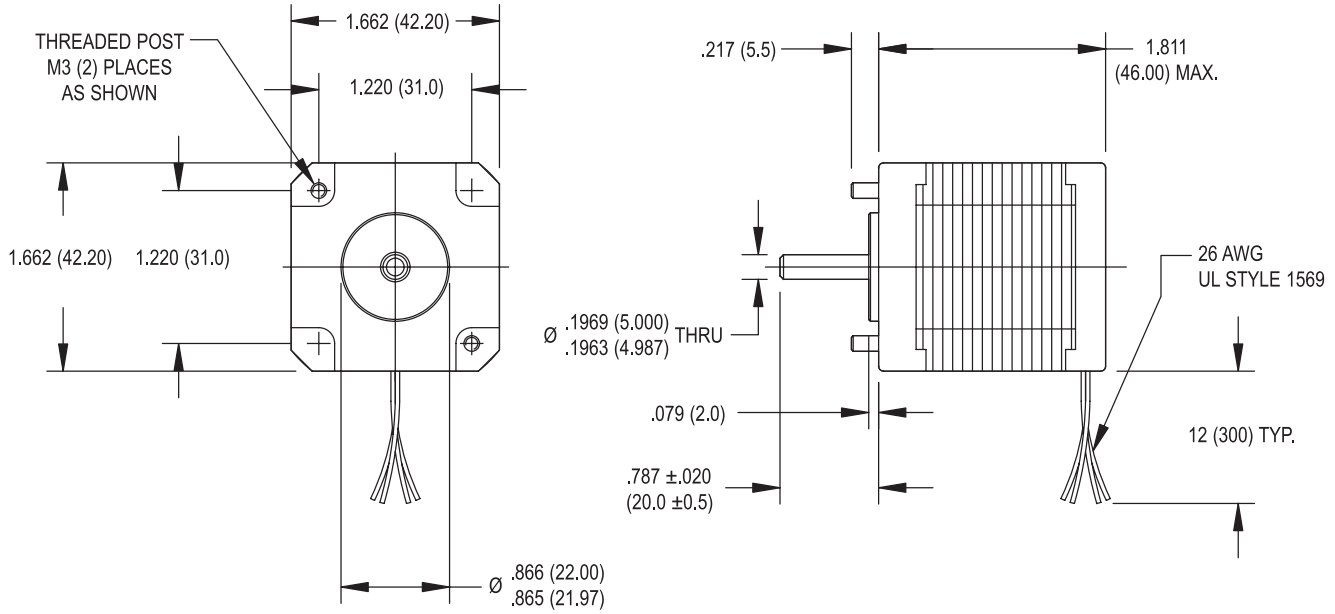


- Standard Features**
- Step angle: 1.8°
  - Step angle accuracy: 5%
  - Insulation class: B (130 °C)
  - NEMA 17 mounting configuration
  - Additional windings and customization options available

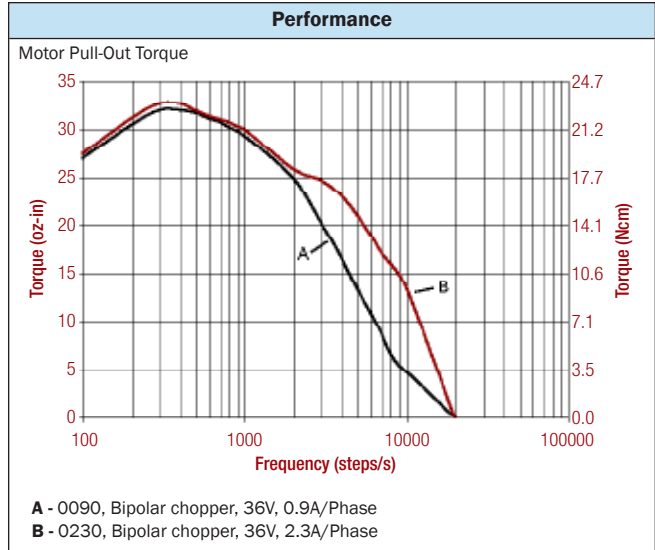
- Complementary Products**
- Gearboxes
  - Encoders



**SIZE 17 STEPPER MOTOR DATA**

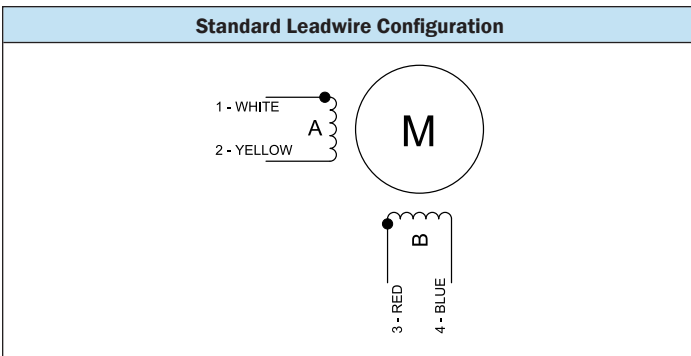


Specification	Units	HY 200 1718	
		0090	0230
Rated Phase Current	A	0.90	2.30
Phase Resistance	Ω	4.2	0.72
Phase Inductance	mH	5.8	0.83
Holding Torque Unipolar	oz-in Ncm	—	—
Holding Torque Bipolar	oz-in Ncm	41.1 29.0	41.1 29.0
Detent Torque	oz-in Ncm	6.4 4.5	6.4 4.5
Rotor Inertia	oz-in-s <sup>2</sup> x10 <sup>-4</sup> g-cm <sup>2</sup>	5.1 36	5.1 36
Motor Weight (Mass)	lb kg	0.7 0.3	0.7 0.3
Maximum Voltage	V	40	40
Std. No. of Leads	—	4	4

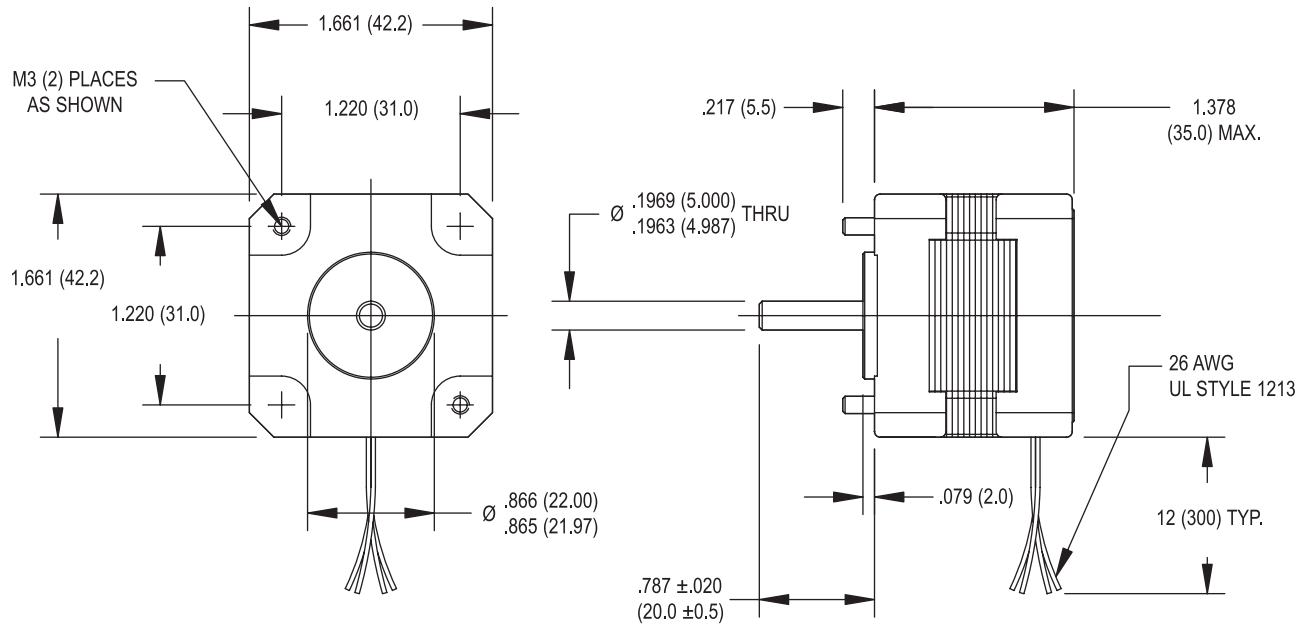


- Standard Features**
- Step angle: 1.8°
  - Step angle accuracy: 5%
  - Insulation class: B (130 °C)
  - NEMA 17 mounting configuration
  - Additional windings and customization options available

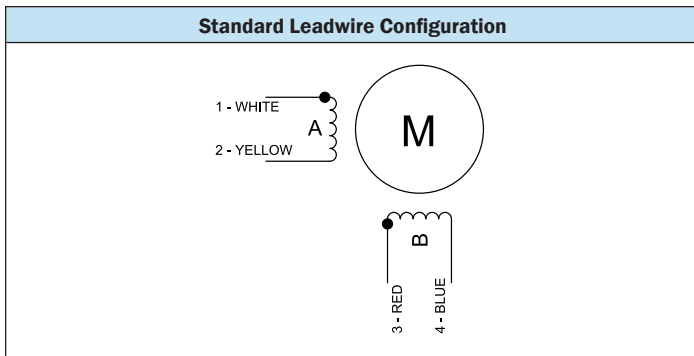
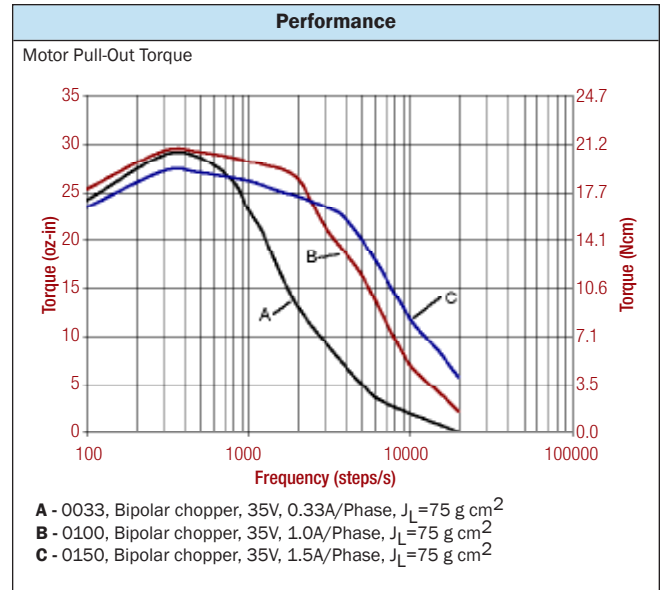
- Complementary Products**
- Gearboxes
  - Encoders



# SIZE 17 HIGH PERFORMANCE STEPPER MOTOR DATA



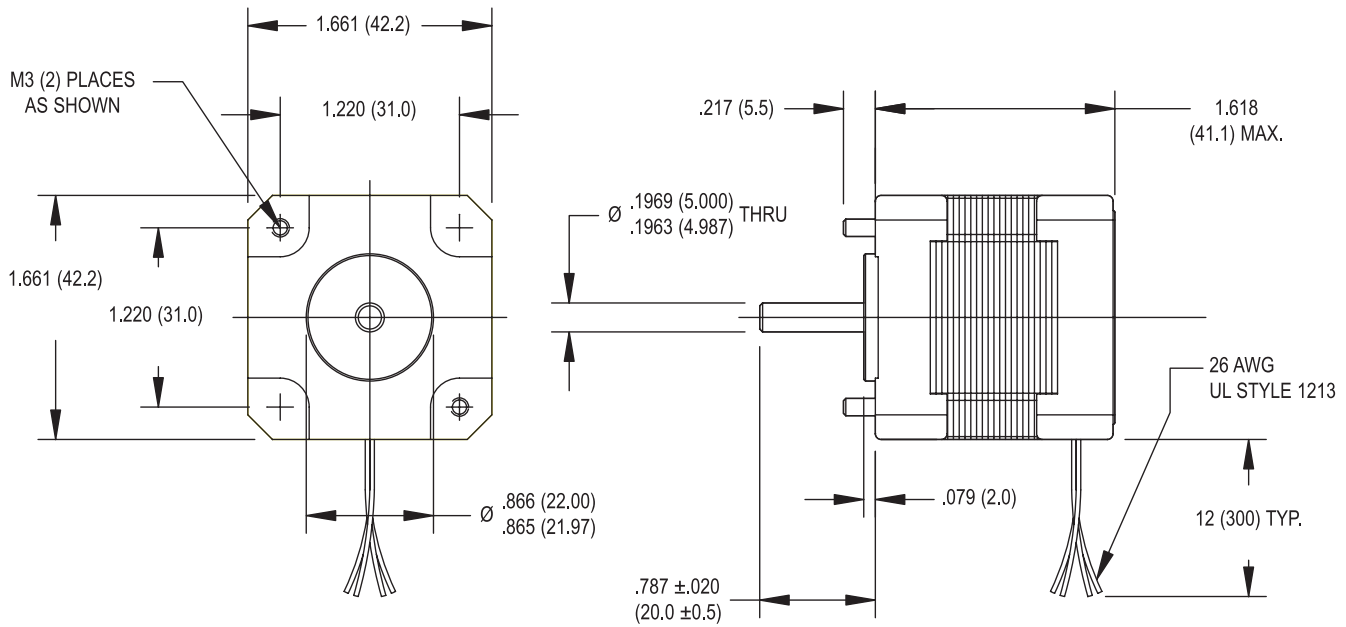
Specification	Units	HS 200 1714		
		0033	0100	0150
Rated Phase Current	A	0.33	1.00	1.50
Phase Resistance	$\Omega$	26.5	2.95	1.25
Phase Inductance	mH	38.8	4.45	1.80
Holding Torque Unipolar	oz-in	—	—	—
	Ncm	—	—	—
Holding Torque Bipolar	oz-in	37	37	37
	Ncm	26	26	26
Detent Torque	oz-in	2.3	2.3	2.3
	Ncm	1.6	1.6	1.6
Rotor Inertia	oz-in-s <sup>2</sup> x10 <sup>-4</sup>	6.4	6.4	6.4
	g-cm <sup>2</sup>	45	45	45
Motor Weight (Mass)	lb	0.51	0.51	0.51
	kg	0.23	0.23	0.23
Maximum Voltage	V	40	40	40
Std. No. of Leads	—	4	4	4



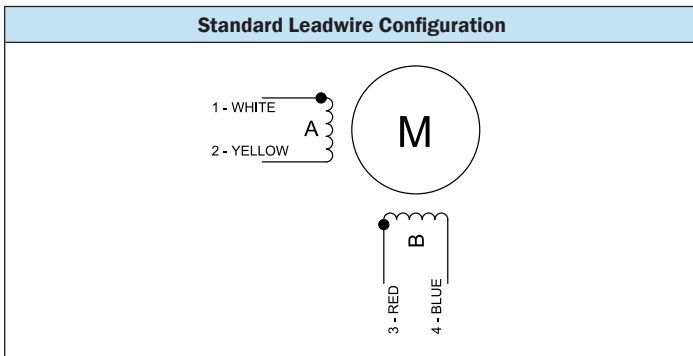
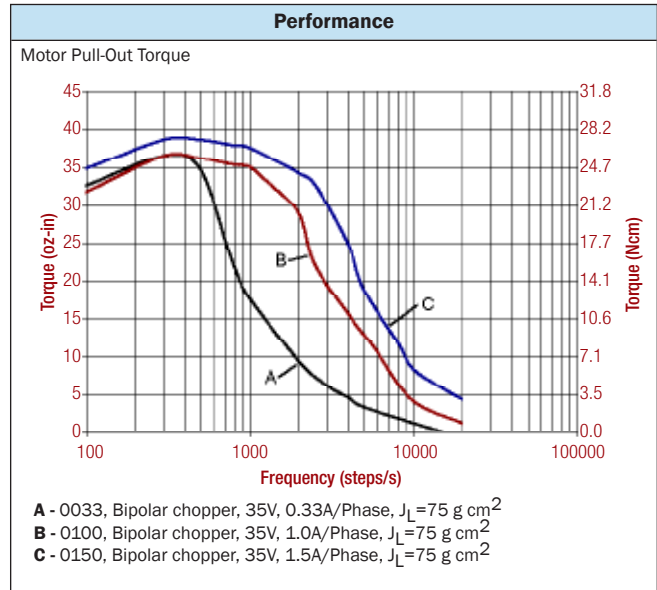
- ### Standard Features
- Step angle: 1.8°
  - Step angle accuracy: 5%
  - Insulation class: B (130°C)
  - Optimized for microstep operation
  - NEMA 17 mounting configuration
  - Additional windings and customization options available
  - CE approval pending

- ### Complementary Products
- Gearboxes
  - Encoders

**SIZE 17 HIGH PERFORMANCE STEPPER MOTOR DATA**



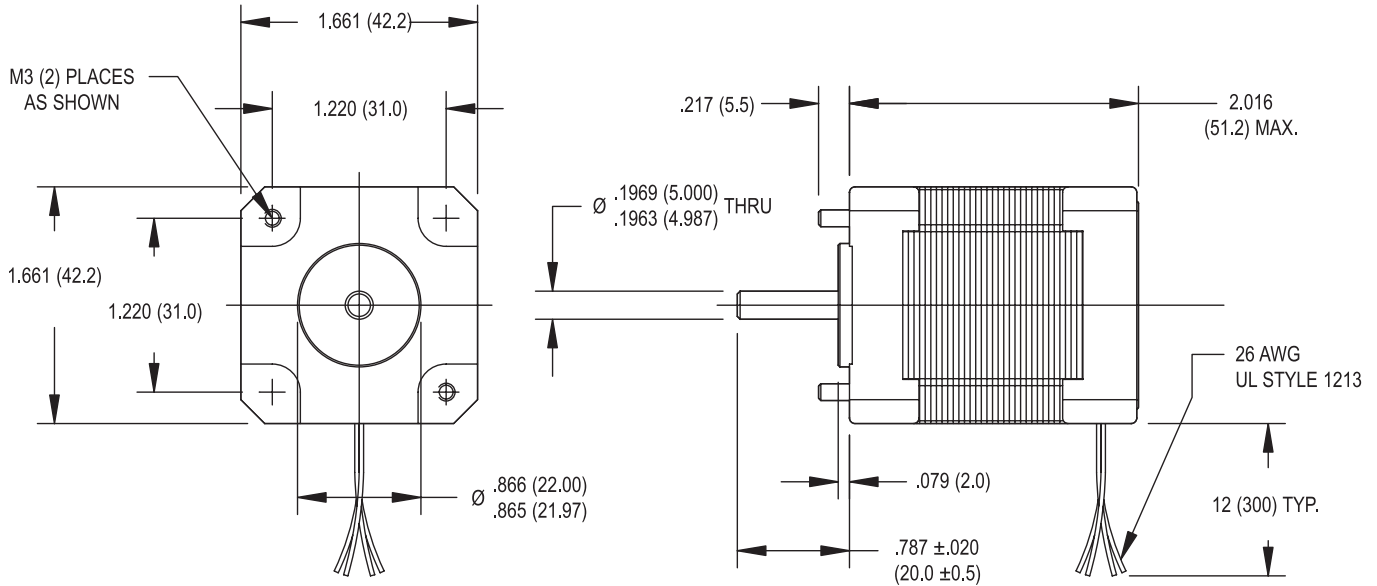
Specification	Units	HS 200 1716		
		0033	0100	0150
Rated Phase Current	A	0.33	1.00	1.50
Phase Resistance	Ω	27.2	2.86	1.40
Phase Inductance	mH	66.7	6.74	3.25
Holding Torque Unipolar	oz-in	—	—	—
	Ncm	—	—	—
Holding Torque Bipolar	oz-in	47	47	47
	Ncm	33	33	33
Detent Torque	oz-in	2.3	2.3	2.3
	Ncm	1.6	1.6	1.6
Rotor Inertia	oz-in-s <sup>2</sup> x10 <sup>-4</sup>	9.3	9.3	9.3
	g-cm <sup>2</sup>	66	66	66
Motor Weight (Mass)	lb	0.66	0.66	0.66
	kg	0.30	0.30	0.30
Maximum Voltage	V	40	40	40
Std. No. of Leads	—	4	4	4



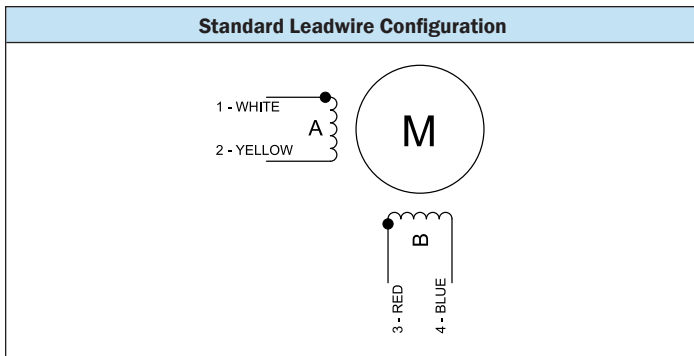
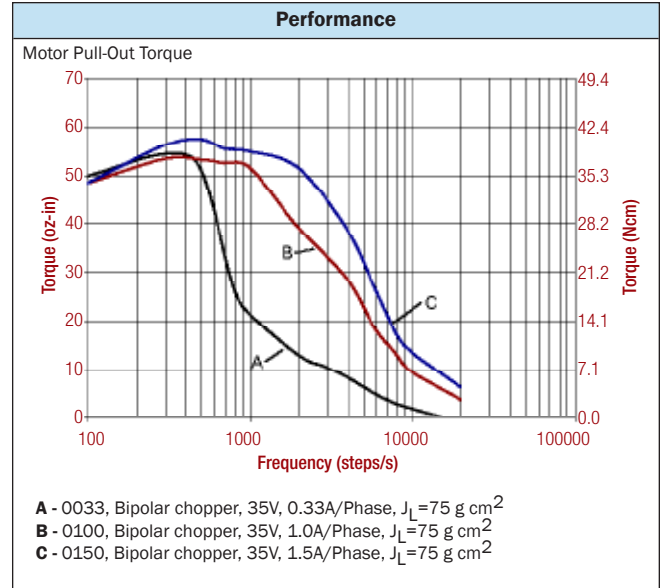
- Standard Features**
- Step angle: 1.8°
  - Step angle accuracy: 5%
  - Insulation class: B (130°C)
  - Optimized for microstep operation
  - NEMA 17 mounting configuration
  - Additional windings and customization options available
  - CE approval pending

- Complementary Products**
- Gearboxes
  - Encoders

# SIZE 17 HIGH PERFORMANCE STEPPER MOTOR DATA



Specification	Units	HS 200 1720		
		0033	0100	0150
Rated Phase Current	A	0.33	1.00	1.50
Phase Resistance	Ω	28.0	3.00	1.45
Phase Inductance	mH	50.0	5.50	2.90
Holding Torque Unipolar	oz-in	—	—	—
	Ncm	—	—	—
Holding Torque Bipolar	oz-in	71	71	71
	Ncm	50	50	50
Detent Torque	oz-in	3.5	3.5	3.5
	Ncm	2.5	2.5	2.5
Rotor Inertia	oz-in-s <sup>2</sup> x10 <sup>-4</sup>	12.7	12.7	12.7
	g-cm <sup>2</sup>	90	90	90
Motor Weight (Mass)	lb	0.84	0.84	0.84
	kg	0.38	0.38	0.38
Maximum Voltage	V	40	40	40
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 17 mounting configuration
  - Additional windings and customization options available
  - CE approval pending

- ### Complementary Products
- Gearboxes
  - Encoders