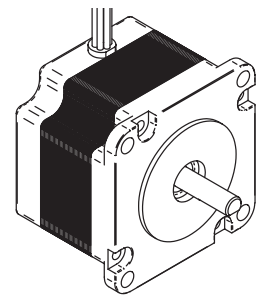
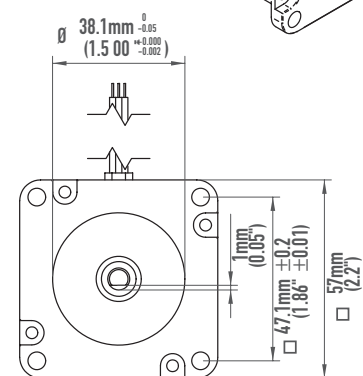
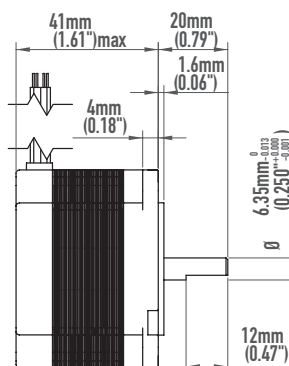
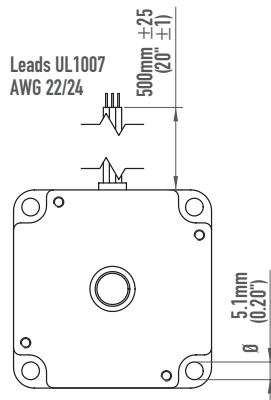
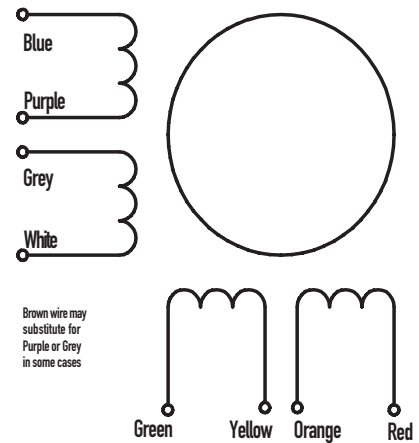


## DSM5741H-18070

Step Angle		1.8°				
Step Angle Accuracy		±5				
Holding Torque (Bipolar)		0.55 Nm		4.7 lb-in		
Current (RMS)		Bipolar Parallel	Bipolar Series	Unipolar		
		1.4 A	0.7 A	1 A		
Winding Resistance (Ω)		5				
Winding Inductance (mH)		35				
Detent Torque		0.025		0.21 lb-in		
Rotor Inertia (gcm <sup>2</sup> )		120				
Insulation Class		Class B, 100M Ω				
Mass		0.5kg				
Bearings		Ball Bearings 6000ZZ (Japan)				
Direction of Rotation		Step	Blue	Purple	Green	Yellow
			Grey	White	Orange	Red
		1	+	-	+	-
		2	+	-	OFF	OFF
		3	+	-	-	+
		4	OFF	OFF	-	+
		5	-	+	-	+
		6	-	+	OFF	OFF
		7	-	+	+	-
		8	OFF	OFF	+	-
Sequence shown is for half-step excitation. For full step excitation energise as steps 1,3,5,7						

Label Details

DSM5741H-18070
BIPOLAR PLL 1.4A
BIPOLAR SER 0.7A
UNIPOLAR 1A
Made in China



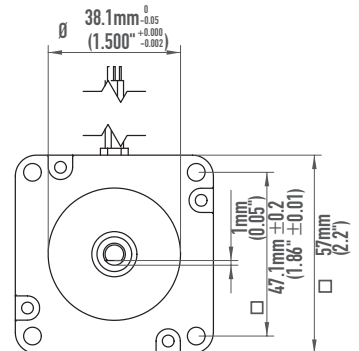
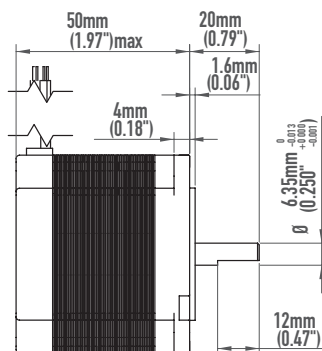
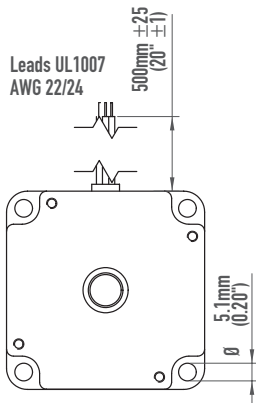
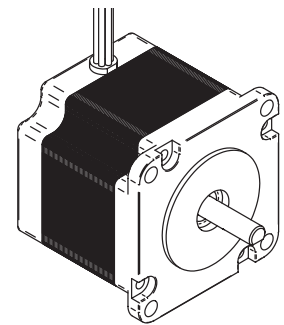
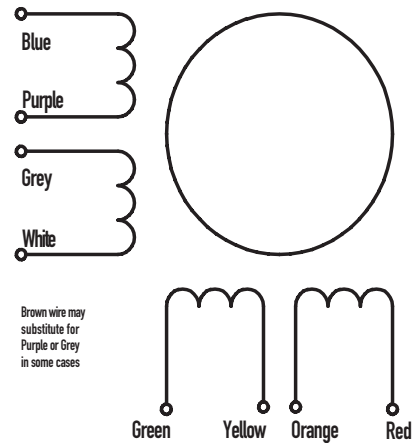
# [ Mechanical Drawings for DSMH series ]

DSM5750H-18075

Step Angle		1.8°				
Step Angle Accuracy		±5				
Holding Torque (Bipolar)		0.8 Nm		6.5lb-in		
Current (RMS)		Bipolar Parallel	Bipolar Series	Unipolar		
		1.5 A	0.75 A	1 A		
Winding Resistance		5				
Winding Inductance (mH)		30				
Detent Torque		0.03		0.26lb-in		
Rotor Inertia (gcm <sup>2</sup> )		150				
Insulation Class		Class B, 100M Ω				
Mass		0.65kg				
Bearings		Ball Bearings 6000ZZ (Japan)				
Direction of Rotation		Step	Blue	Purple	Green	Yellow
			Grey	White	Orange	Red
		1	+	-	+	-
		2	+	-	OFF	OFF
		3	+	-	-	+
		4	OFF	OFF	-	+
		5	-	+	-	+
		6	-	+	OFF	OFF
		7	-	+	+	-
		8	OFF	OFF	+	-
Sequence shown is for half-step excitation. For full step excitation energise as steps 1,3,5,7						

Label Details

DSM5750H-18075
BIPOLAR PLL 1.5A
BIPOLAR SER 0.75A
UNIPOLAR 1A
Made in China

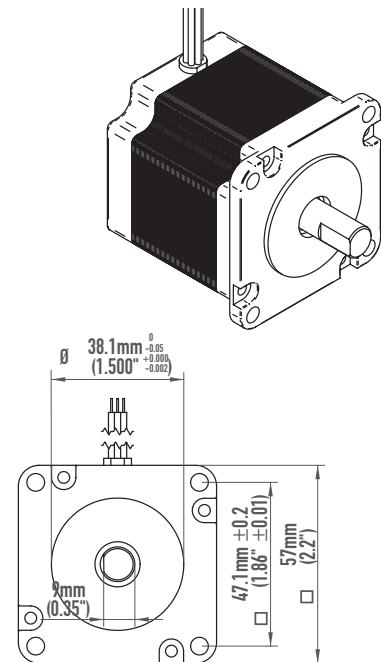
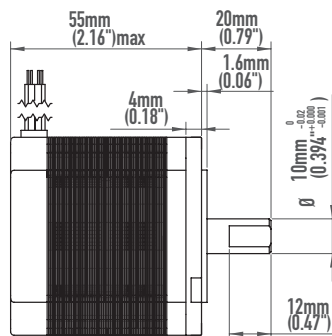
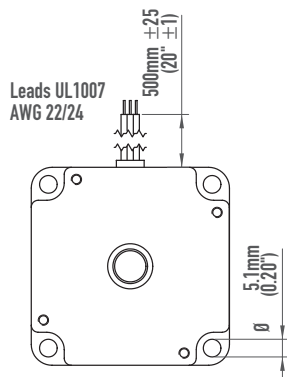
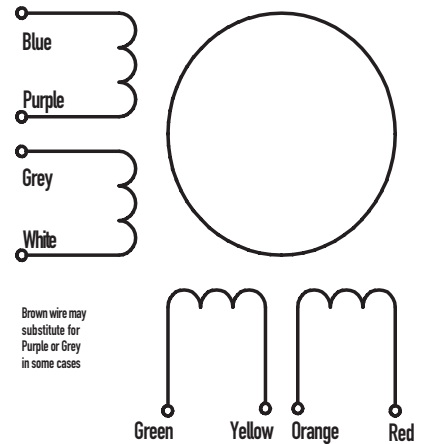


## DSM5755H-18200

Step Angle		1.8°				
Step Angle Accuracy		±5				
Holding Torque (Bipolar)		1.05 Nm		9lb-in		
Current (RMS)		Bipolar Parallel	Bipolar Series	Unipolar		
		4 A	2 A	2.8 A		
Winding Resistance (Ω)		0.7				
Winding Inductance (mH)		3				
Detent Torque		0.04		0.34lb-in		
Rotor Inertia (gcm <sup>2</sup> )		280				
Insulation Class		Class B, 100M Ω				
Mass		0.75				
Bearings		Ball Bearings 6000ZZ (Japan)				
Direction of Rotation		Step	Blue	Purple	Green	Yellow
			Grey	White	Orange	Red
		1	+	-	+	-
		2	+	-	OFF	OFF
		3	+	-	-	+
		4	OFF	OFF	-	+
		5	-	+	-	+
		6	-	+	OFF	OFF
		7	-	+	+	-
		8	OFF	OFF	+	-
Sequence shown is for half-step excitation. For full step excitation energise as steps 1,3,5,7						

Label Details

DSM5755H-18200
BIPOLAR PLL 4A
BIPOLAR SER 2A
UNIPOLAR 2.8A
Made in China



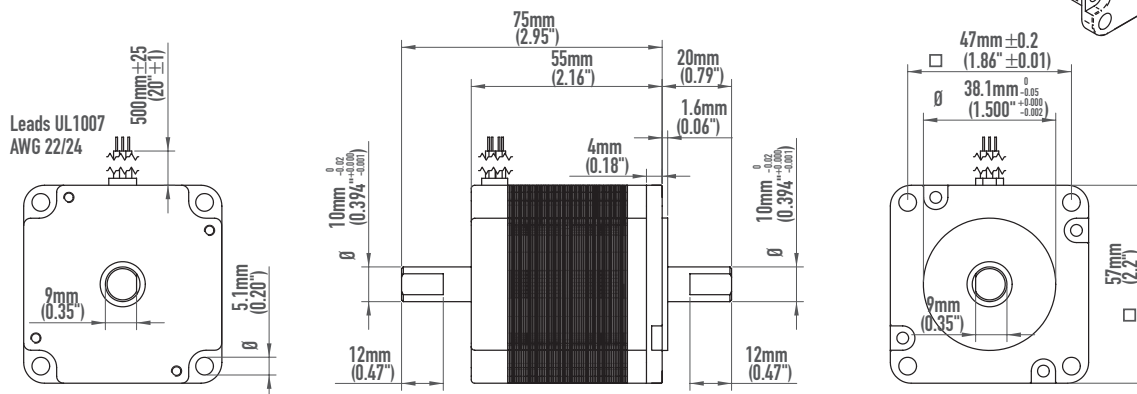
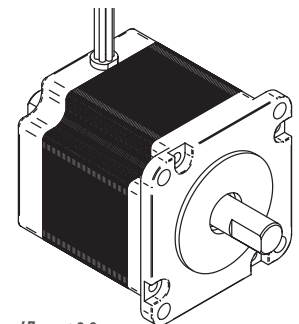
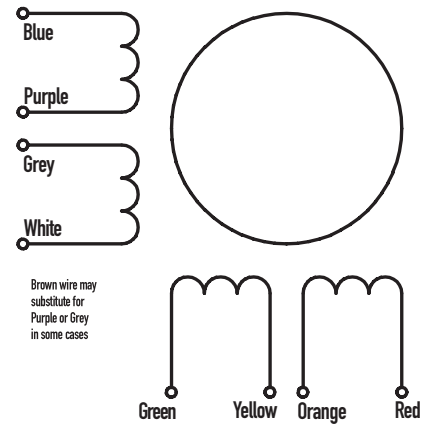
# [ Mechanical Drawings for DSMH series ]

## DSM5755H-28200

Step Angle		1.8°				
Step Angle Accuracy		±5				
Holding Torque (Bipolar)		1.05Nm		9lb-in		
Current (RMS)		Bipolar Parallel	Bipolar Series	Unipolar		
		4 A	2 A	2.8 A		
Winding Resistance (Ω)		0.7				
Winding Inductance (mH)		3				
Detent Torque		0.04		0.34lb-in		
Rotor Inertia (gcm <sup>2</sup> )		280				
Insulation Class		Class B, 100MΩ				
Mass		0.75				
Bearings		Ball Bearings 6000ZZ (Japan)				
Direction of Rotation		Step	Blue	Purple	Green	Yellow
			Grey	White	Orange	Red
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>↑</p> <p><b>CW</b></p> <p>↑</p> </div> <div style="text-align: center;"> <p>↓</p> <p><b>CCW</b></p> <p>↓</p> </div> </div>	1	+	-	+	-	
	2	+	-	OFF	OFF	
	3	+	-	-	+	
	4	OFF	OFF	-	+	
	5	-	+	-	+	
	6	-	+	OFF	OFF	
	7	-	+	+	-	
	8	OFF	OFF	+	-	
Sequence shown is for half-step excitation. For full step excitation energise as steps 1,3,5,7						

Label Details

DSM5755H-28200
BIPOLAR PLL 4A
BIPOLAR SER 2A
UNIPOLAR 2.8A
Made in China

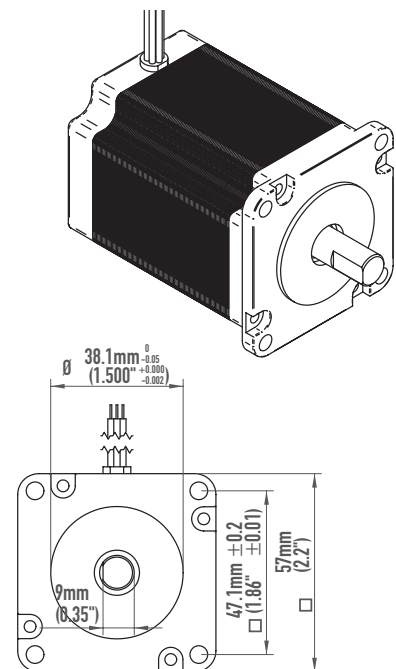
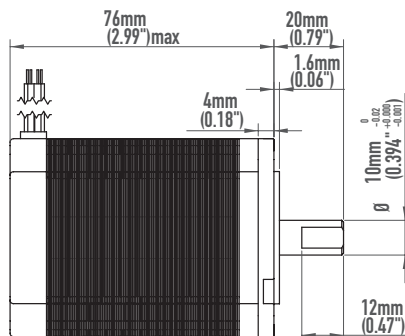
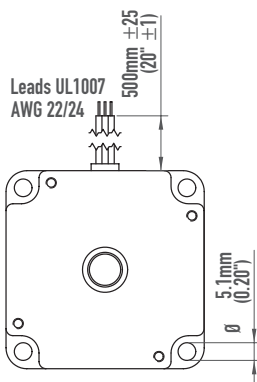
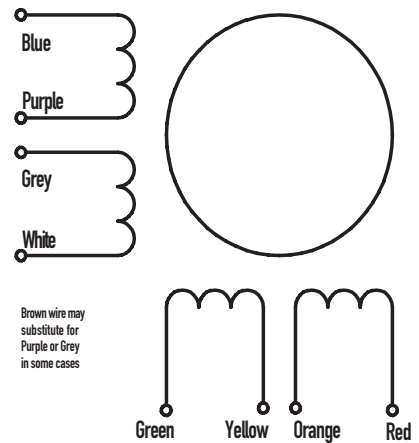


## DSM5776H-18100

Step Angle		1.8°				
Step Angle Accuracy		±5				
Holding Torque (Bipolar)		1.85		16lb-in		
Current (RMS)		Bipolar Parallel	Bipolar Series	Unipolar		
		2 A	1 A	1.4 A		
Winding Resistance (Ω)		4				
Winding Inductance (mH)		12				
Detent Torque		0.08Nm		0.68lb-in		
Rotor Inertia (gcm <sup>2</sup> )		440				
Insulation Class		Class B, 100M Ω				
Mass		1.15				
Bearings		Ball Bearings 6000ZZ (Japan)				
Direction of Rotation		Step	Blue	Purple	Green	Yellow
			Grey	White	Orange	Red
		1	+	-	+	-
		2	+	-	OFF	OFF
		3	+	-	-	+
		4	OFF	OFF	-	+
		5	-	+	-	+
		6	-	+	OFF	OFF
		7	-	+	+	-
		8	OFF	OFF	+	-
Sequence shown is for half-step excitation. For full step excitation energise as steps 1,3,5,7						

Label Details

DSM5776H-18100
BIPOLAR PLL 2A
BIPOLAR SER 1A
UNIPOLAR 1.4A
Made in China

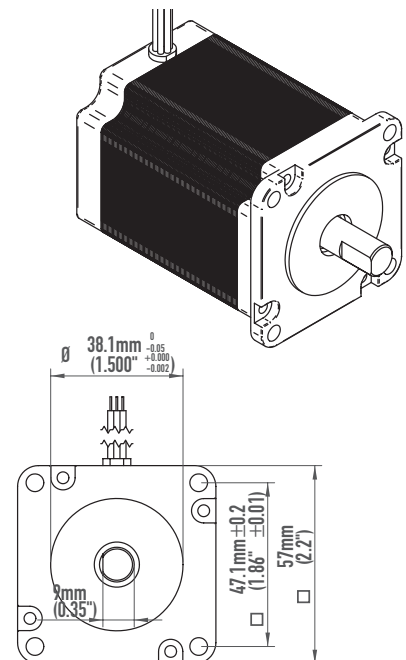
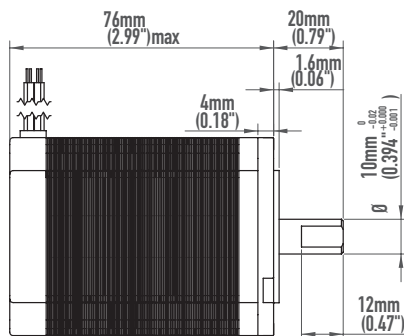
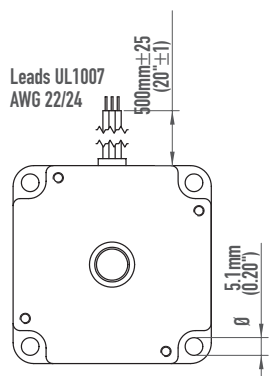
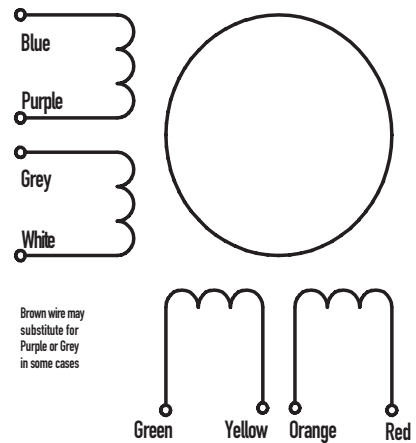


## DSM5776H-18200

Step Angle		1.8°				
Step Angle Accuracy		±5				
Holding Torque (Bipolar)		1.85		16lb-in		
Current (RMS)		Bipolar Parallel	Bipolar Series	Unipolar		
		4 A	2 A	2.8 A		
Winding Resistance (Ω)		1				
Winding Inductance (mH)		4				
Detent Torque		0.08Nm		0.68lb-in		
Rotor Inertia (gcm <sup>2</sup> )		440				
Insulation Class		Class B, 100M Ω				
Mass		1.15				
Bearings		Ball Bearings 6000ZZ (Japan)				
Direction of Rotation		Step	Blue	Purple	Green	Yellow
			Grey	White	Orange	Red
		1	+	-	+	-
		2	+	-	OFF	OFF
		3	+	-	-	+
		4	OFF	OFF	-	+
		5	-	+	-	+
		6	-	+	OFF	OFF
		7	-	+	+	-
		8	OFF	OFF	+	-
Sequence shown is for half-step excitation. For full step excitation energise as steps 1,3,5,7						

Label Details

DSM5776H-18200
BIPOLAR PLL 4A
BIPOLAR SER 2A
UNIPOLAR 2.8A
Made in China

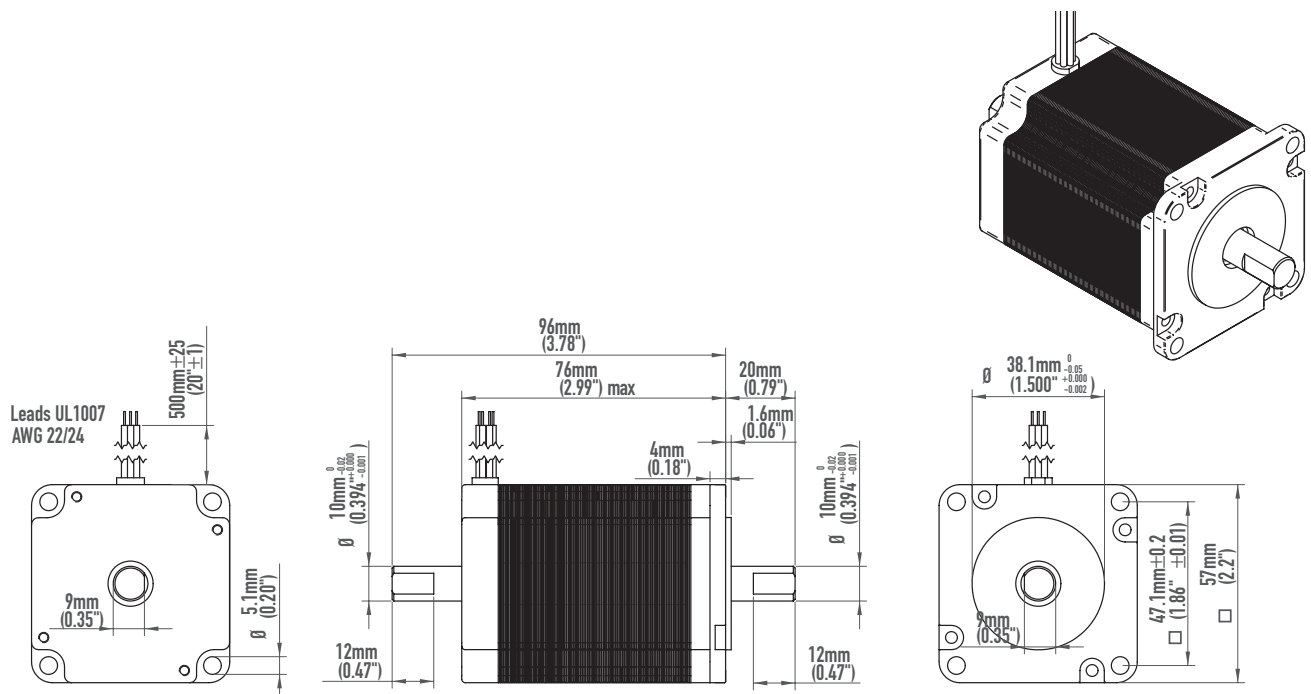
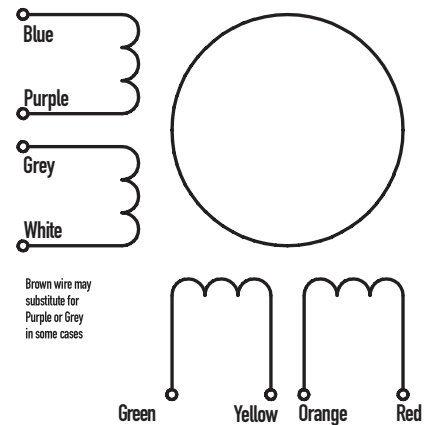


## DSM5776H-28200

Step Angle		1.8°				
Step Angle Accuracy		±5				
Holding Torque (Bipolar)		1.85		16lb-in		
Current (RMS)		Bipolar Parallel	Bipolar Series	Unipolar		
		4 A	2 A	2.8 A		
Winding Resistance (Ω)		1				
Winding Inductance (mH)		4				
Detent Torque		0.08Nm		0.68lb-in		
Rotor Inertia (gcm <sup>2</sup> )		440				
Insulation Class		Class B, 100MΩ				
Mass		1.15				
Bearings		Ball Bearings 6000ZZ (Japan)				
Direction of Rotation		Step	Blue	Purple	Green	Yellow
			Grey	White	Orange	Red
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>↑</p> <p><b>CW</b></p> <p>↑</p> </div> <div style="text-align: center;"> <p>↓</p> <p><b>CCW</b></p> <p>↓</p> </div> </div>	1	+	-	+	-	
	2	+	-	OFF	OFF	
	3	+	-	-	+	
	4	OFF	OFF	-	+	
	5	-	+	-	+	
	6	-	+	OFF	OFF	
	7	-	+	+	-	
	8	OFF	OFF	+	-	
Sequence shown is for half-step excitation. For full step excitation energise as steps 1,3,5,7						

Label Details


DSM5776H-28200
BIPOLAR PLL 4A
BIPOLAR SER 2A
UNIPOLAR 2.8A
Made in China

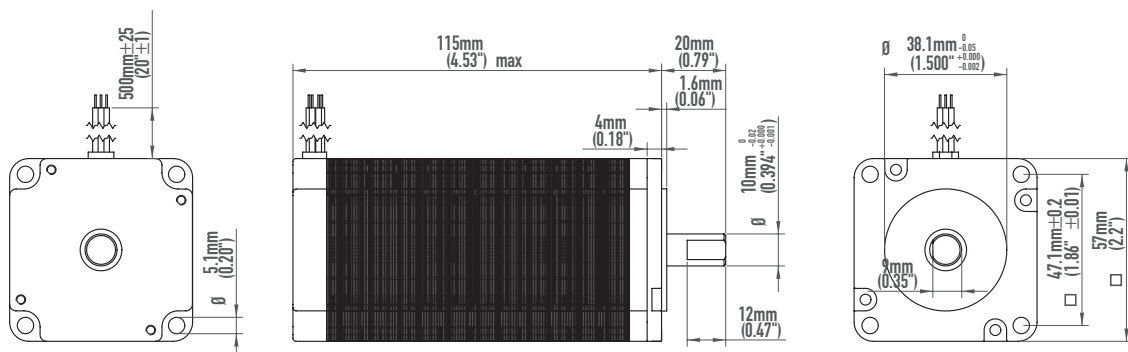
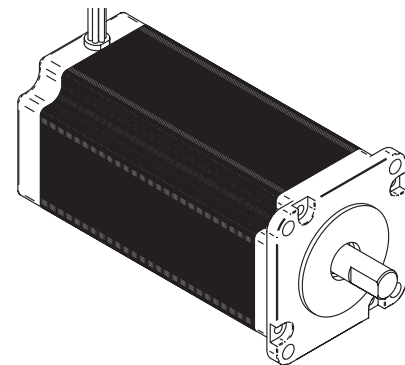
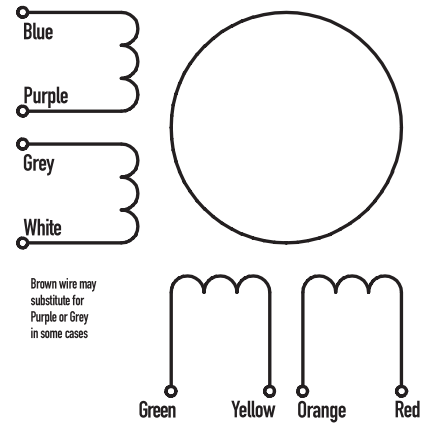


## DSM57115H-18300

Step Angle		1.8°				
Step Angle Accuracy		±5				
Holding Torque (Bipolar)		2.7Nm		23lb-in		
Current (RMS)		Bipolar Parallel	Bipolar Series	Unipolar		
		6 A	3 A	4.2 A		
Winding Resistance (Ω)		0.7				
Winding Inductance (mH)		2				
Detent Torque		0.15Nm		1.3lb-in		
Rotor Inertia (gcm <sup>2</sup> )		690				
Insulation Class		Class B, 100MΩ				
Mass		1.75kg				
Bearings		Ball Bearings 6000ZZ (Japan)				
Direction of Rotation		Step	Blue	Purple	Green	Yellow
			Grey	White	Orange	Red
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>↑</p> <p><b>CW</b></p> <p>↑</p> </div> <div style="text-align: center;"> <p>↓</p> <p><b>CCW</b></p> <p>↓</p> </div> </div>	1	+	-	+	-	
	2	+	-	OFF	OFF	
	3	+	-	-	+	
	4	OFF	OFF	-	+	
	5	-	+	-	+	
	6	-	+	OFF	OFF	
	7	-	+	+	-	
	8	OFF	OFF	+	-	
Sequence shown is for half-step excitation. For full step excitation energise as steps 1.3.5.7						

Label Details

DSM57115H-18300
BIPOLAR PLL 6A
BIPOLAR SER 3A
UNIPOLAR 4.2A
Made in China





DSM5755H-08200

Step Angle		1.8°				
Step Angle Accuracy		±5				
Holding Torque (Bipolar)		1.05 N m		9lb-in		
Current (RMS)		Bipolar Parallel	Bipolar Series	Unipolar		
		4 A	2 A	2.8 A		
Winding Resistance (Ω)		0.7				
Winding Inductance (mH)		3				
Detent Torque		0.04		0.34lb-in		
Rotor Inertia (gcm <sup>2</sup> )		280				
Insulation Class		Class B, 100M C				
Mass		0.75kg				
Bearings		Ball Bearings 6000ZZ (Japan)				
Direction of Rotation		Step	Blue	Purple	Green	Yellow
			Grey	White	Orange	Red
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>CW</b></p> <p>↑</p> </div> <div style="text-align: center;"> <p><b>CCW</b></p> <p>↓</p> </div> </div>	1	+	-	+	-	
	2	+	-	OFF	OFF	
	3	+	-	-	+	
	4	OFF	OFF	-	+	
	5	-	+	-	+	
	6	-	+	OFF	OFF	
	7	-	+	+	-	
	8	OFF	OFF	+	-	
Sequence shown is for half-step excitation. For full step excitation energise as steps 1,3,5,7						

Label Details

DSM5755H-08200
BIPOLAR PLL 4A
BIPOLAR SER 2A
UNIPOLAR 2.8A
Made in China

