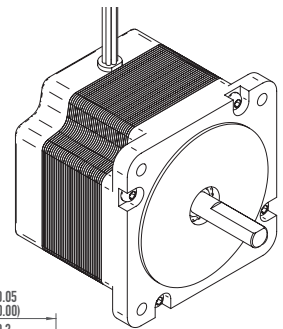
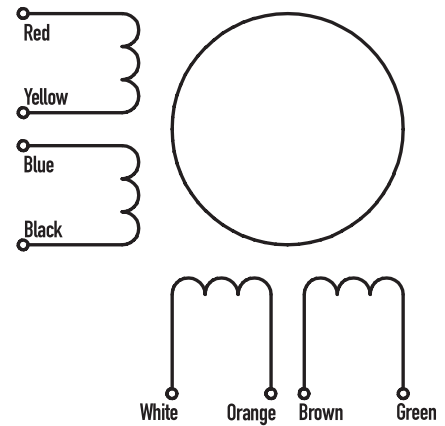


DSM8665H-18220

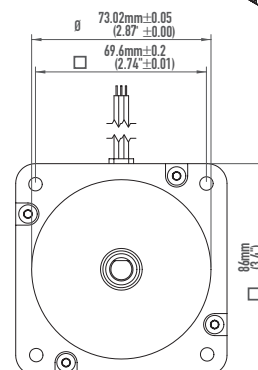
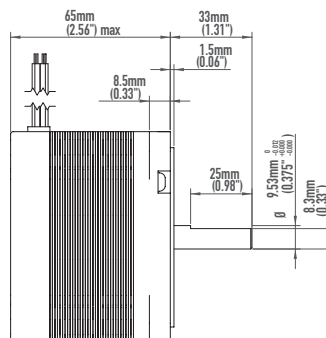
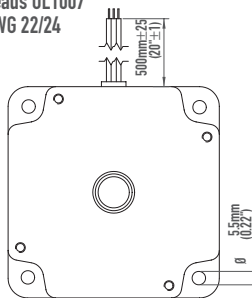
| | | | | | | |
|---|---|-----------------------------------|----------------|----------|-------|--------|
| Step Angle | | 1.8° | | | | |
| Step Angle Accuracy | | ±5 | | | | |
| Holding Torque (Bipolar) | | 2.9Nm | | 2.1ft-lb | | |
| Current (RMS) | | Bipolar Parallel | Bipolar Series | Unipolar | | |
| | | 4.4 A | 2.2 A | 3.1 A | | |
| Winding Resistance (Ω) | | 1.5 | | | | |
| Winding Inductance (mH) | | 4.1 | | | | |
| Detent Torque | | | | | | |
| Rotor Inertia (kgcm ²) | | 1 | | | | |
| Insulation Class | | Class B, 100MΩ | | | | |
| Mass | | 2.0kg | | | | |
| Bearings | | Front 6203ZZ, Rear 6002ZZ (Japan) | | | | |
| Direction of Rotation | | Step | Red | Yellow | White | Orange |
| | | | Blue | Black | Brown | Green |
| <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>↑</p> <p>CW</p> <p>↑</p> </div> <div style="text-align: center;"> <p>↓</p> <p>CCW</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

| |
|------------------|
| |
| DSM8665H-18220 |
| BIPOLAR PLL 4.4A |
| BIPOLAR SER 2.2A |
| UNIPOLAR 3.1A |
| Made in China |



Leads UL1007
AWG 22/24

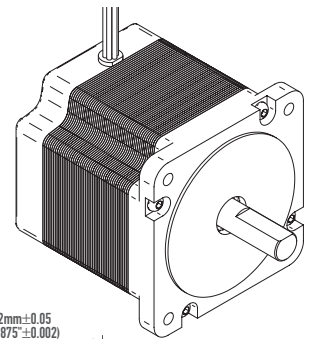
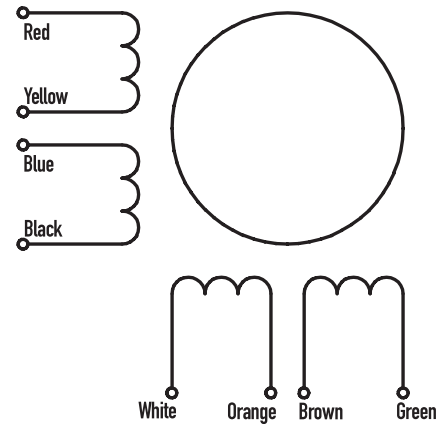


DSM8680H-18275

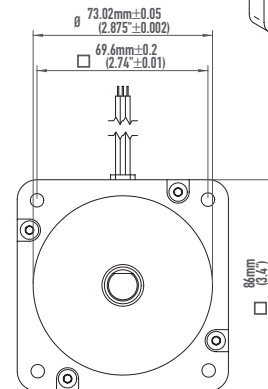
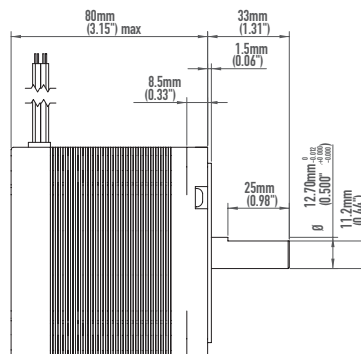
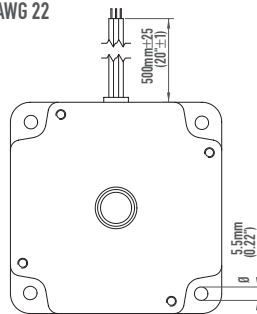
| | | | | | | |
|--|----------------------|------------------------------------|----------------|-----------------|----------------|-----------------|
| Step Angle | | 1.8° | | | | |
| Step Angle Accuracy | | ±5 | | | | |
| Holding Torque (Bipolar) | | 4.5Nm | | 3.2ft-lb | | |
| Current (RMS) | | Bipolar Parallel | Bipolar Series | Unipolar | | |
| | | 5.5 A | 2.75 A | 3.9 A | | |
| Winding Resistance (Ω) | | 0.95 | | | | |
| Winding Inductance (mH) | | 4 | | | | |
| Detent Torque | | | | | | |
| Rotor Inertia (kgcm ²) | | 1.4 | | | | |
| Insulation Class | | Class B, 100MΩ | | | | |
| Mass | | 2.3kg | | | | |
| Bearings | | Front 6203ZZ, Rear 6002ZZ, (Japan) | | | | |
| Direction of Rotation | | Step | Red Blue | Yellow Black | White Brown | Orange Green |
| ↑ CW ↓ | ↓ CCW ↑ | 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

| |
|-------------------|
| |
| DSM8680H-18275 |
| BIPOLAR PLL 5.5A |
| BIPOLAR SER 2.75A |
| UNIPOLAR 3.9A |
| Made in China |



Leads UL1007
AWG 22

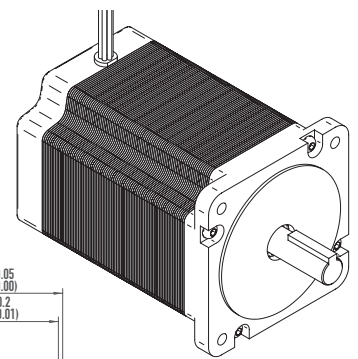
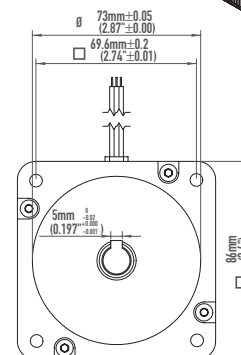
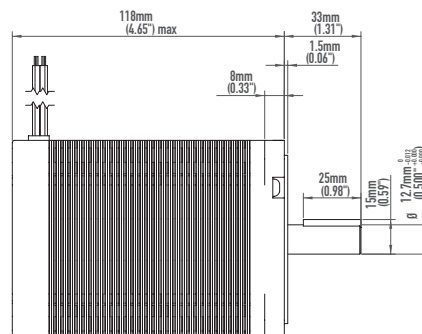
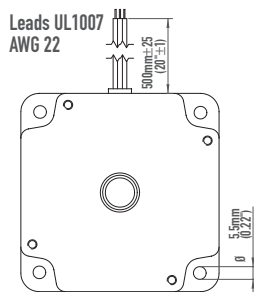
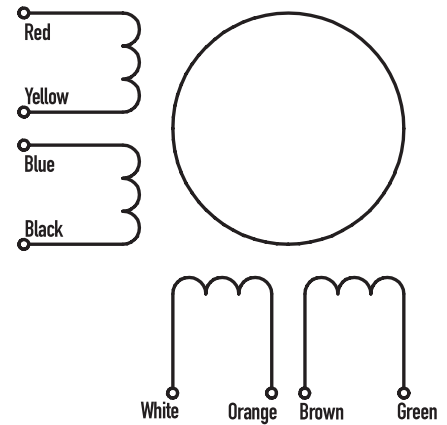


DSM86118H-18300

| | | | | | | |
|--|----------------------|-----------------------------------|----------------|----------|-------|--------|
| Step Angle | | 1.8° | | | | |
| Step Angle Accuracy | | ±5 | | | | |
| Holding Torque (Bipolar) | | 8.5Nm | | 6.1ft-lb | | |
| Current (RMS) | | Bipolar Parallel | Bipolar Series | Unipolar | | |
| | | 6 A | 3 A | 4.2 A | | |
| Winding Resistance (Ω) | | 1.4 | | | | |
| Winding Inductance (mH) | | 7.4 | | | | |
| Detent Torque | | | | | | |
| Rotor Inertia (kgcm ²) | | 2.7 | | | | |
| Insulation Class | | Class B, 100MΩ | | | | |
| Mass | | 3.8kg | | | | |
| Bearings | | Front 6203ZZ, Rear 6002ZZ (Japan) | | | | |
| Direction of Rotation | | Step | Red | Yellow | White | Orange |
| | | | Blue | Black | Brown | Green |
| ↑ CW ↑ | ↓ CCW ↓ | 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

| |
|-----------------|
| |
| DSM86118H-18300 |
| BIPOLAR PLL 6A |
| BIPOLAR SER 3A |
| UNIPOLAR 4.2A |
| Made in China |



DSM86156H-18310

| | | | | | | |
|---|---|------------------------------------|----------------|----------|-------|--------|
| Step Angle | | 1.8° | | | | |
| Step Angle Accuracy | | ±5 | | | | |
| Holding Torque (Bipolar) | | 8.5Nm | | 6.1ft-lb | | |
| Current (RMS) | | Bipolar Parallel | Bipolar Series | Unipolar | | |
| | | 6.2 A | 3.1 A | 4.3 A | | |
| Winding Resistance (Ω) | | 1.7 | | | | |
| Winding Inductance (mH) | | 9.7 | | | | |
| Detent Torque | | | | | | |
| Rotor Inertia (kgcm ²) | | 4 | | | | |
| Insulation Class | | Class B, 100MΩ | | | | |
| Mass | | 5.4kg | | | | |
| Bearings | | Front 6203ZZ, Rear 6002ZZ, (Japan) | | | | |
| Direction of Rotation | | Step | Red | Yellow | White | Orange |
| | | | Blue | Black | Brown | Green |
| <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>↑</p> <p>CW</p> <p>↑</p> </div> <div style="text-align: center;"> <p>↓</p> <p>CCW</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

| |
|------------------|
| |
| DSM86156H-18310 |
| BIPOLAR PLL 6.2A |
| BIPOLAR SER 3.1A |
| UNIPOLAR 4.3A |
| Made in China |

