



SPECIFICATION

CONNECTIONS

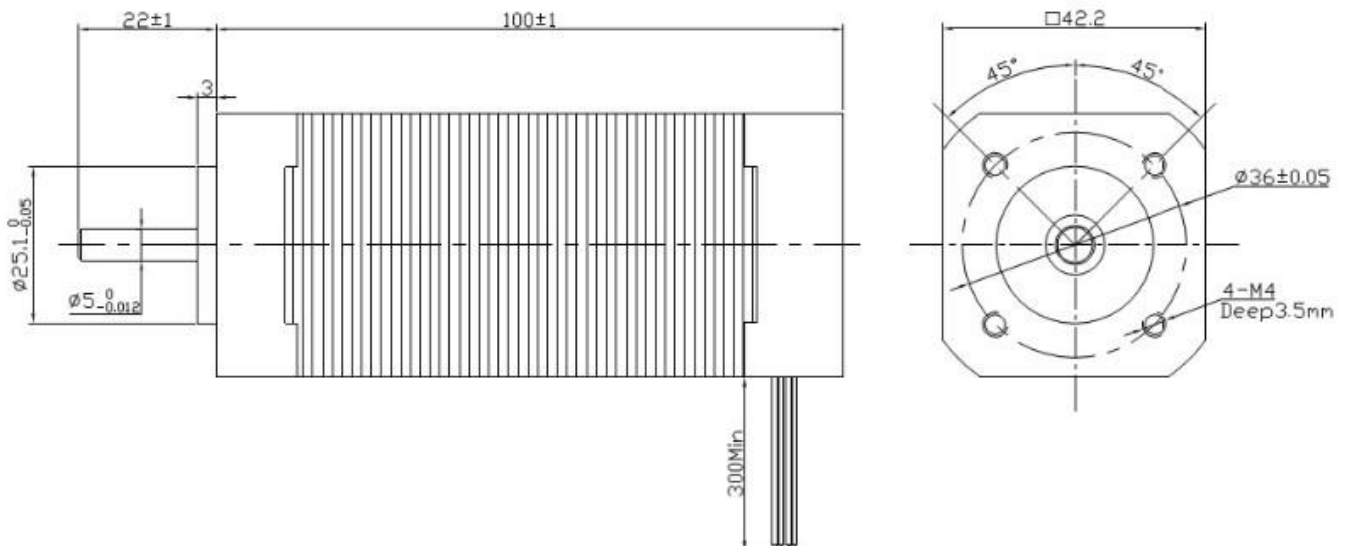
| Specification | Rating |
|--------------------------------------|--------|
| Number of Poles | 8 |
| Number of Phases | 3 |
| Rated Voltage (VDC) | 24 |
| Rated Speed (RPM) | 4000 |
| Rated Torque (Nm) | 0.125 |
| Max Peak Torque | 0.38 |
| Torque Constant (Nm/A) | 0.036 |
| Line to Line Resistance (Ω) | 0.72 |
| Line to Line Inductance (mH) | 1.2 |
| Max Peak Current (A) | 10.6 |
| Rotor Inertia (g-cm ²) | 48 |
| Weight (g) | 450 |
| Hall Effect Angle ($^{\circ}$) | 120 |

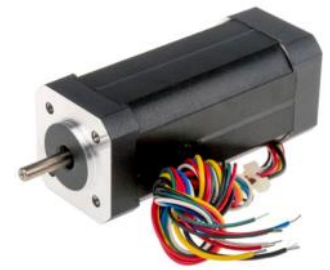
| Lead Colour | Function |
|-------------|-----------------------------|
| Red | VCC HALL SENSOR +5 TO 24VDC |
| Blue | HALL A |
| Green | HALL B |
| White | HALL C |
| Black | GND HALL SENSOR |
| Yellow | PHASE U |
| Red | PHASE V |
| Black | PHASE W |

RECOMMENDED CONTROLLERS

| Controller | Notes |
|------------|---|
| ZDBL15 | Sensorless Operation |
| ZDBL20DC | Full control, including 4 quadrant operation. |
| ZDBL20DC-E | Standard sensored operation. |

DIMENSIONS





SPEZIFIKATION

VERBINDUNGEN

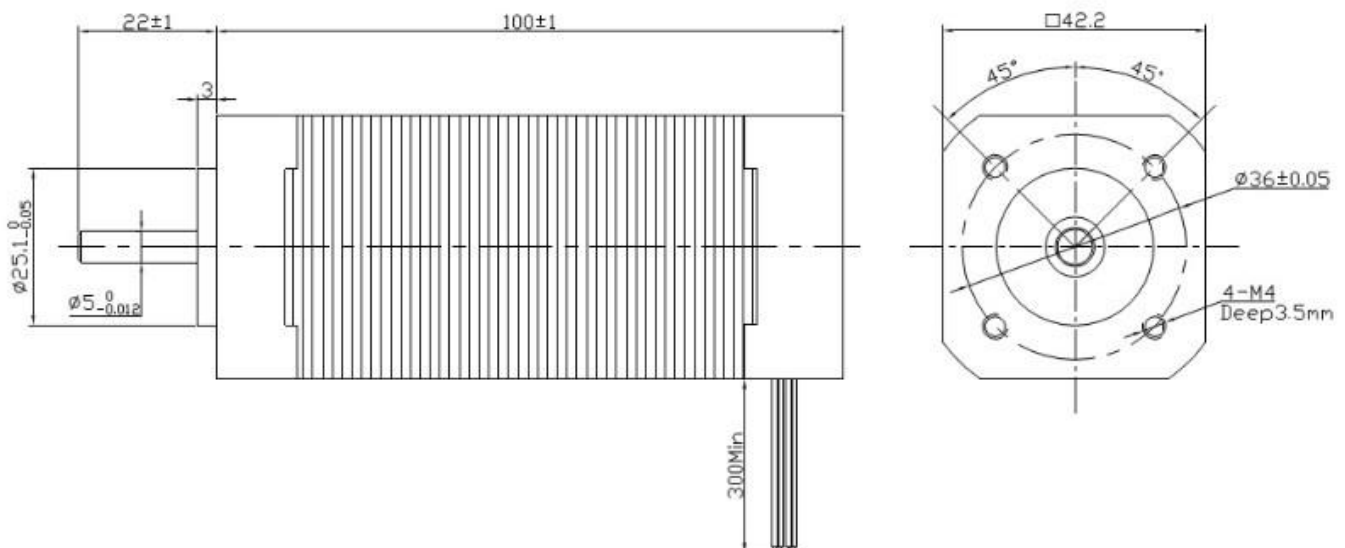
| Spezifikation | Bewertung |
|--|-----------|
| Anzahl der pole | 8 |
| Anzahl der Phasen | 3 |
| Nennspannung (VDC) | 24 |
| Nenngeschwindigkeit (RPM) | 4000 |
| Nenn Drehmoment (Nm) | 0.125 |
| Max. Spitzenmoment | 0.38 |
| Drehmomentkonstante (Nm/A) | 0.036 |
| Linie zu Linie Widerstand (Ω) | 0.72 |
| Line-to-Line-Induktivität (mH) | 1.2 |
| Max. Spitzenstrom(A) | 10.6 |
| Rotorträgheit (g-cm ²) | 48 |
| Gewicht (g) | 450 |
| Hall-Effekt-Winkel (°) | 120 |

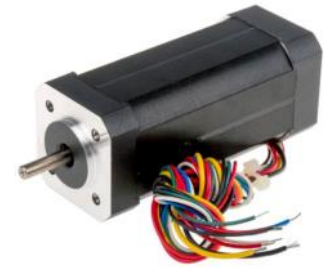
| Bleifarbe | Funktion |
|-----------|-----------------------------|
| Rot | VCC HALL SENSOR +5 TO 24VDC |
| Blau | HALL A |
| Grün | HALL B |
| Weiß | HALL C |
| Blau | GND HALL SENSOR |
| Gelb | PHASE U |
| Rot | PHASE V |
| Schwarz | PHASE W |

EMPFOHLENE CONTROLLER

| Regler | Anmerkungen |
|------------|---|
| ZDBL15 | Sensorloser Betrieb |
| ZDBL20DC | Volle Kontrolle, einschließlich 4-Quadranten-Betrieb. |
| ZDBL20DC-E | Standard-Sensorbetrieb. |

MASSE





SPÉCIFICATION

LES LIAISONS

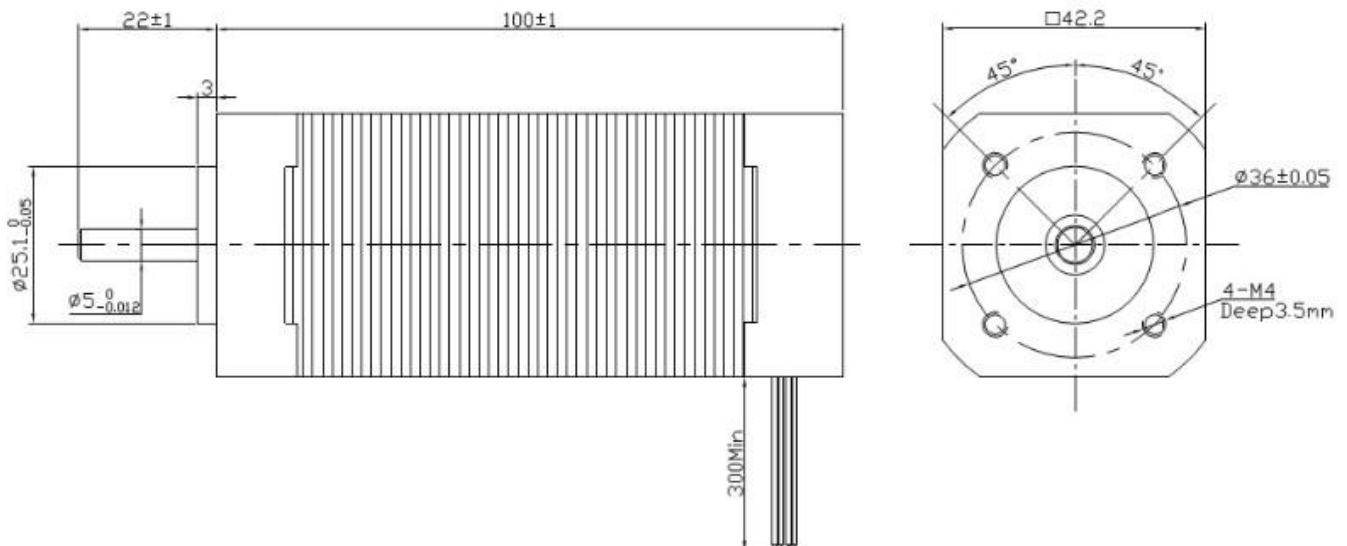
| Spécification | Évaluation |
|--|------------|
| Nombre de pôles | 8 |
| Nombre de phases | 3 |
| Tension nominale (VDC) | 24 |
| Vitesse évaluée (RPM) | 4000 |
| Couple évalué (Nm) | 0.125 |
| Max Peak Couple | 0.38 |
| Couple constant (Nm/A) | 0.036 |
| Résistance de ligne à ligne (Ω) | 0.72 |
| Inductance ligne à ligne (mH) | 1.2 |
| Max Peak Current (A) | 10.6 |
| Inertie du rotor (g-cm ²) | 48 |
| Poids (g) | 450 |
| Angle d'effet Hall (°) | 120 |

| Couleur de plomb | Fonction |
|------------------|-----------------------------|
| Rouge | VCC HALL SENSOR +5 TO 24VDC |
| Bleu | HALL A |
| Vert | HALL B |
| Blanc | HALL C |
| Noir | GND HALL SENSOR |
| Jaune | PHASE U |
| Rouge | PHASE V |
| Noir | PHASE W |

CONTRÔLEURS RECOMMANDÉS

| Manette | Remarques |
|------------|--|
| ZDBL15 | Fonctionnement sans capteur |
| ZDBL20DC | Contrôle total, y compris le fonctionnement à 4 quadrants. |
| ZDBL20DC-E | Opération sensorielle standard. |

DIMENSIONS





ESPECIFICACIÓN

CONEXIONES

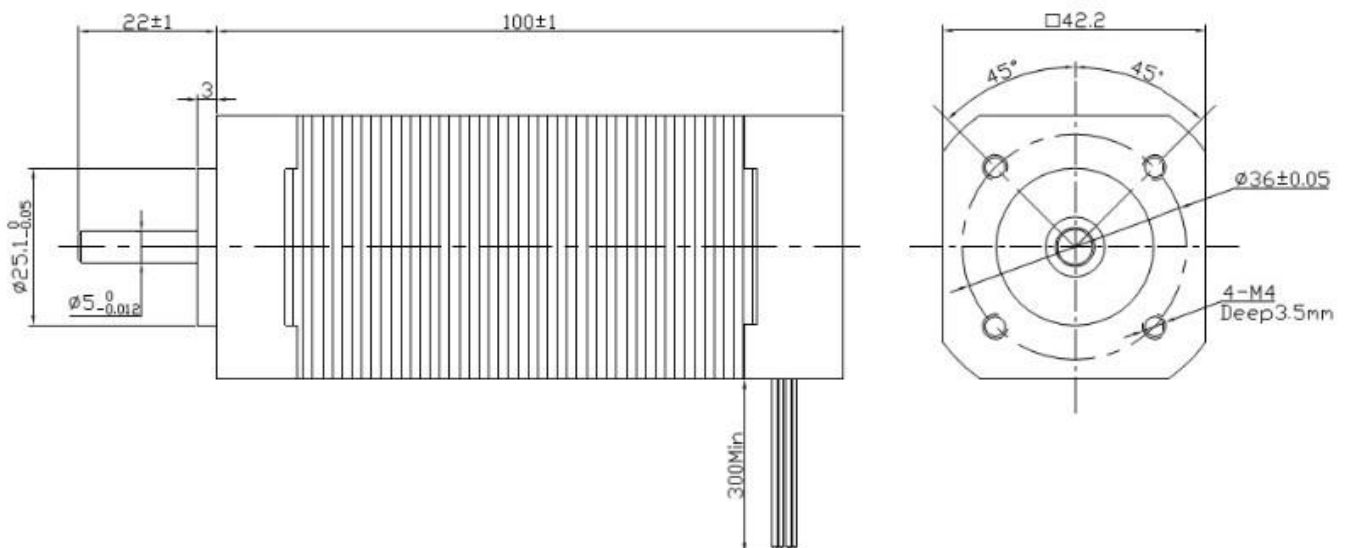
| Especificación | Clasificación |
|---|---------------|
| Número de polos | 8 |
| Numero de fases | 3 |
| Voltaje nominal (VDC) | 24 |
| Velocidad nominal (RPM) | 4000 |
| Par nominal (Nm) | 0.125 |
| Max Peak Torque | 0.38 |
| Torque constant (Nm/A) | 0.036 |
| Resistencia de línea a línea (Ω) | 0.72 |
| Inductancia de línea a línea (mH) | 1.2 |
| Máx. Corriente máxima (A) | 10.6 |
| Inercia del rotor (g-cm ²) | 48 |
| Peso (g) | 450 |
| Ángulo de efecto Hall (°) | 120 |

| Color de plomo | Función |
|----------------|-----------------------------|
| Rojo | VCC HALL SENSOR +5 TO 24VDC |
| Azul | HALL A |
| Verde | HALL B |
| Blanco | HALL C |
| Negro | GND HALL SENSOR |
| Amarillo | PHASE U |
| Rojo | PHASE V |
| Negro | PHASE W |

CONTROLADORES RECOMENDADOS

| Controlador | Notas |
|-------------|---|
| ZDBL15 | Operación sin sensor |
| ZDBL20DC | Control total, incluida la operación de 4 cuadrantes. |
| ZDBL20DC-E | Operación sensored estándar |

DIMENSIONES





SPECIFICHE

COLLEGAMENTI

| Specificazione | Valutazione |
|--|-------------|
| Numero di poli | 8 |
| Numero di fasi | 3 |
| Tensione nominale (VDC) | 24 |
| Velocità nominale (RPM) | 4000 |
| Coppia nominale (Nm) | 0.125 |
| Max Peak Torque | 0.38 |
| Coppia costante (Nm/A) | 0.036 |
| Resistenza da linea a linea (Ω) | 0.72 |
| Induttanza da linea a linea (mH) | 1.2 |
| Max Peak Current (A) | 10.6 |
| Rotore Inertia (g-cm ²) | 48 |
| Peso (g) | 450 |
| Angolo dell'effetto Hall ($^{\circ}$) | 120 |

| Colore di piombo | Funzione |
|------------------|-----------------------------|
| Rosso | VCC HALL SENSOR +5 TO 24VDC |
| Blu | HALL A |
| Verde | HALL B |
| Bianca | HALL C |
| Nero | GND HALL SENSOR |
| Giallo | PHASE U |
| Rosso | PHASE V |
| Nero | PHASE W |

CONTROLLORI RACCOMANDATI

| Controllore | Gli appunti |
|-------------|---|
| ZDBL15 | Funzionamento senza sensori |
| ZDBL20DC | Controllo completo, incluso il funzionamento a 4 quadranti. |
| ZDBL20DC-E | Funzionamento sensoriale standard. |

DIMENSIONI

