

2 Phase hybride stappenmotor / 2 Phase hybride steppermotor

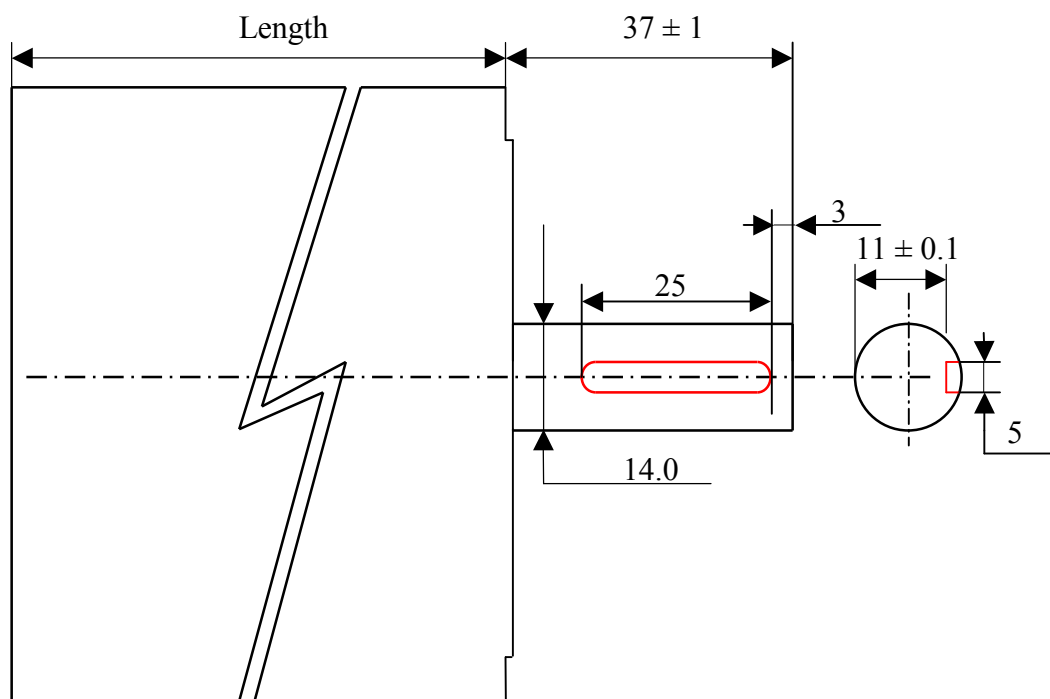
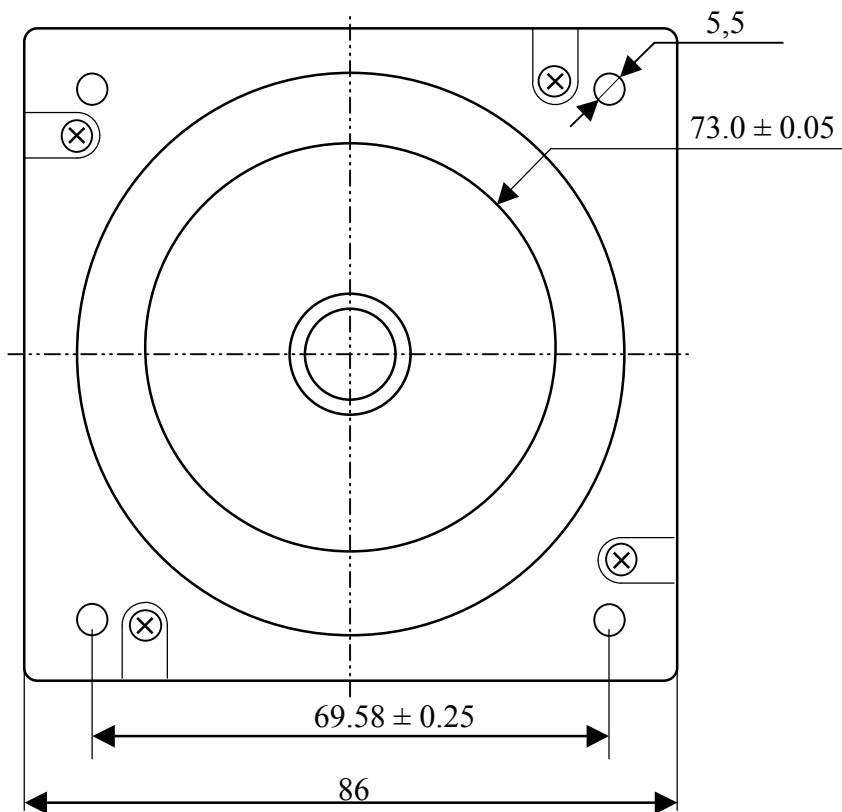
Moteur hybride pas à pas 2 phases / 2 Phase hybride Schrittmotor

Size 34 Series

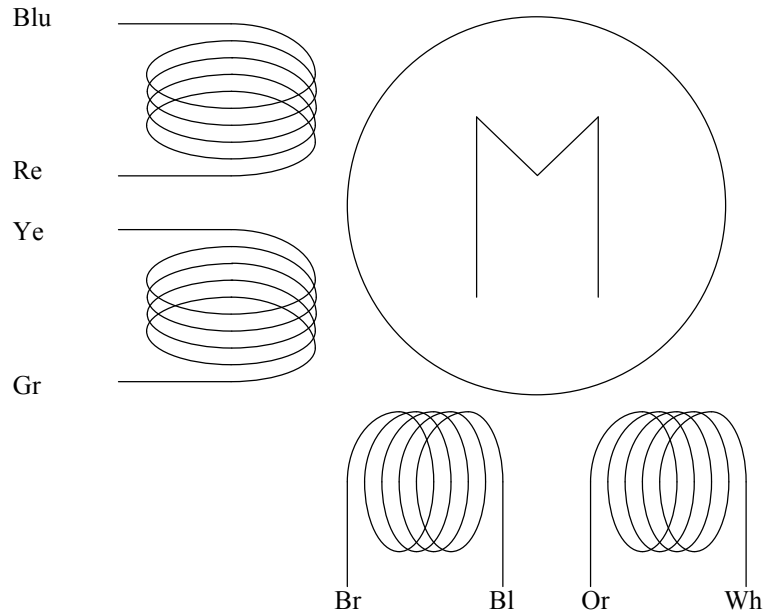
Step Angle : 1.8 Degree
 Positional Accuracy : 5%
 Number of phases : 2
 Temperature rise : 80 degree max.
 Dielectric strength : 500 Vdc
 Insulation resistance : 100 Mohm (500 Vdc)
 Insulation class : B
 Radial play : 0.025 mm (450 g load)

| | N | A | Ohm | V | mH | gcm2 | Kg | mm |
|-----------------------|-----|-----|------|------|-----|------|-----|-----|
| 34SM080-050-8W-SB-4 | 4 | 2.5 | 0.76 | 1.9 | 3.8 | 1600 | 2.4 | 80 |
| 34SM095-064-8W-SB-6.4 | 6.4 | 3.1 | 0.85 | 2.6 | 3.5 | 2800 | 3.4 | 95 |
| 34SM155-058-8W-SB-12 | 12 | 2.9 | 1.5 | 4.35 | 9.4 | 4800 | 5.2 | 155 |

| | | | |
|--------------|------------------------|--------------------------|-------------------------|
| N (Nm) | = Koppel | = Torque | = Haltemoment |
| A (Ampere) | = Stroom / spoel | = Current / coil | = Strom / spule |
| Ohm (Ohm) | = Weerstand / spoel | = Resistance / coil | = wiederstand / spule |
| V (Volt) | = Spanning / spoel | = Voltage / coil | = spannung / spule |
| MH (mH) | = Zelfinductie / spoel | = Selfinduction / coil | = Selfinduction / spule |
| Gcm2 (Gcm2) | = Rotor inertia | = Rotor inertia | = Rotor inertia |
| Kg (Kg) | = Gewicht van motor | = Weight of steppermotor | = Motorgewicht |
| Mm (mm) | = Lengte van motor | = Length of steppermotor | = Motor länge |
| | | | = couple |
| | | | = le courant / bobine |
| | | | = resistance / bobine |
| | | | = tension / bobine |
| | | | = l'inductance / bobine |
| | | | = le inertia de rotor |
| | | | = le poids de moteur |
| | | | = la longueur de moteur |



Draden / wires / leitungen / fils



| | | | | |
|-----|----------|----------|----------|----------|
| Blu | = Blauw | = Blue | = Blau | = Bleu |
| Re | = Rood | = Red | = Rot | = Rouge |
| Ye | = Geel | = Yellow | = Gelb | = Jaune |
| Gr | = Groen | = Green | = Grün | = Vert |
| Br | = Bruin | = Braun | = Braun | = Brun |
| Bl | = Zwart | = Black | = Zwart | = Noir |
| Or | = Oranje | = Orange | = Orange | = Orange |
| Wh | = Wit | = White | = Weiss | = Blanc |

Aansluitingen / Wiring / anslusse / les raccordements

| Bipolair Parallel : | Motor | | Driver |
|---------------------|----------------------|---|--------|
| | Blu + Ye | → | A+ |
| | Re + Gr | → | A- |
| | Br + Or | → | B+ |
| | Bl + Wh | → | B- |
| Maximum torque | = maximum torque | | |
| Maximum current | = 2 * Current / coil | | |
| Self induction | = Induction / coil | | |

| Bipolair Serieel : | Motor | | Driver |
|--------------------|------------------------|---|--------|
| | Blu | → | A+ |
| | Re + Ye | | |
| | Gr | → | A- |
| | Br | → | B+ |
| | Bl + Or | | |
| | Wh | → | B- |
| Maximum torque | = maximum torque | | |
| Maximum current | = Current / coil | | |
| Self induction | = 4 * Induction / coil | | |

| Unipolair : | Motor | | Driver |
|-----------------|------------------------|---|--------|
| | Blu | → | A+ |
| | Re + Ye | → | + V |
| | Gr | → | A- |
| | Br | → | B+ |
| | Bl + Or | → | +V |
| | Wh | → | B- |
| Maximum torque | = maximum torque / 1.4 | | |
| Maximum current | = 1.4 * Current / coil | | |
| Self induction | = Induction / coil | | |