

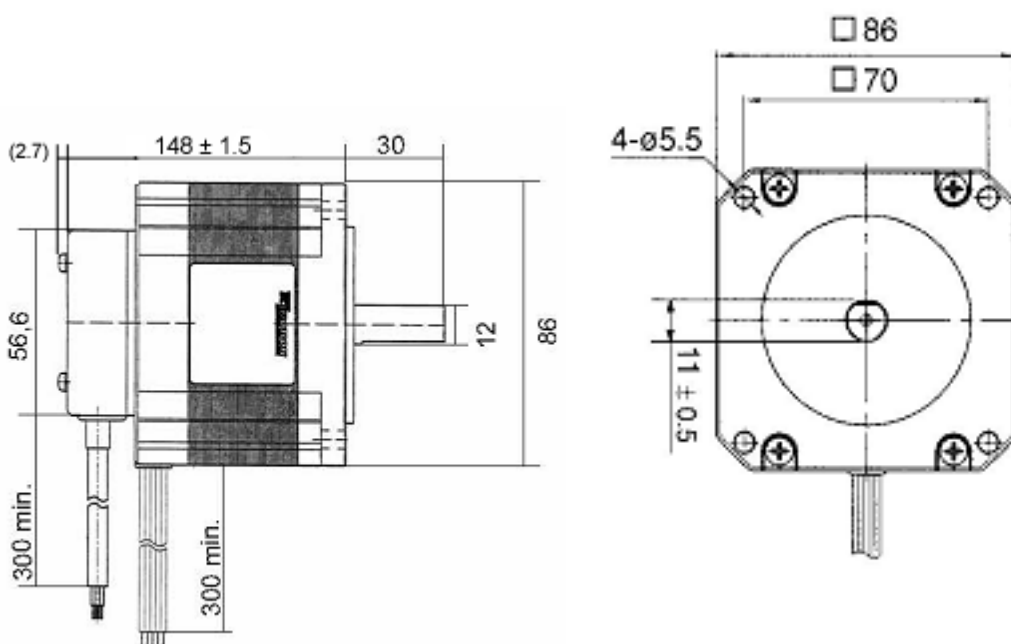


SECM5913 Baureihe

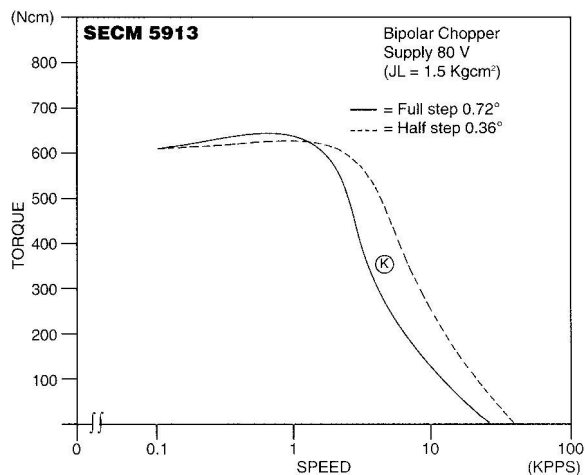
5-Phasen-Schrittmotor mit Encoder [0,72° High-Torque-Version]

Model	Bipolar				Speed Torque
	Holding Torque [Nm]	Current / Phase [A]	Resistance / Phase [Ohm]	Inductance / Phase [mH]	
SECM5913-T2.8P2500	6.3	2.8	0.85	6.5	k

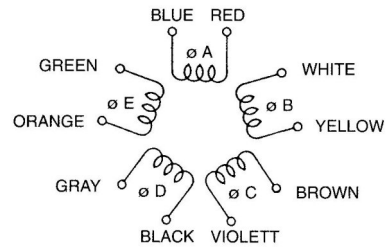
Number of Leads	Weight of Motor & Encoder	Size Length	Rotor Inertia
10	4.1 kg	150.7 mm	$3000 \times 10^{-7} \text{ kgm}^2$



Optional sind für unsere Schrittmotoren Planetengetriebe erhältlich.



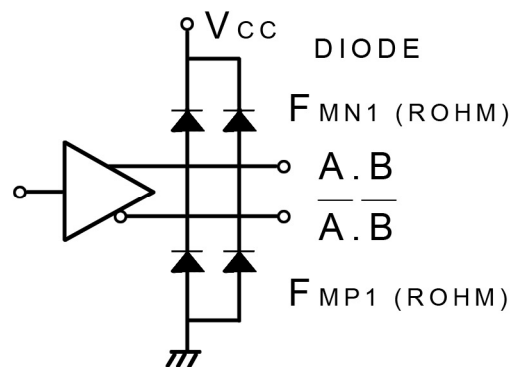
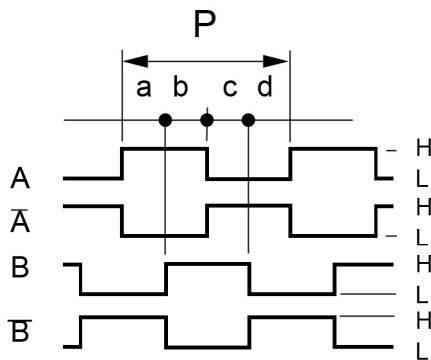
Schrittmotoranschluss



Encoder Performance

Operating Temp.range : 0°C – 85°C
Supply : DC 5V ± 5% , 100mA max
Resolution : 500 Counts / Turn
Frequency Response : 100K Hz max.
A phase difference : 1/4 P ± 1/8 P
Code : Incremental A.B (2Ch.)

Output Signal : when output is high : DC 2.4V min
Output Signal : when output is low : DC 0.4V max
Sinking & Output Current : typical ± 20mA max
Rise & Fall Times : 1 µsec max
Moment of inertia : 5 g·cm² max Encoder only
Output Circuit : Line Driver AM26C3IIDB



CW Rotation viewed from mounting end. Encoder signal A and B position is "H" at Motor 4Phase on.

Color of Leadwires and Funktion :

DC 5V = red	A phase = brown	A̅ phase = orange
GND = blue	B phase = yellow	B̅ phase = gray

(Old-Version)

A phase = brown	A̅ phase = orange
B phase = yellow	B̅ phase = white
DC 5V = red	GND = black