



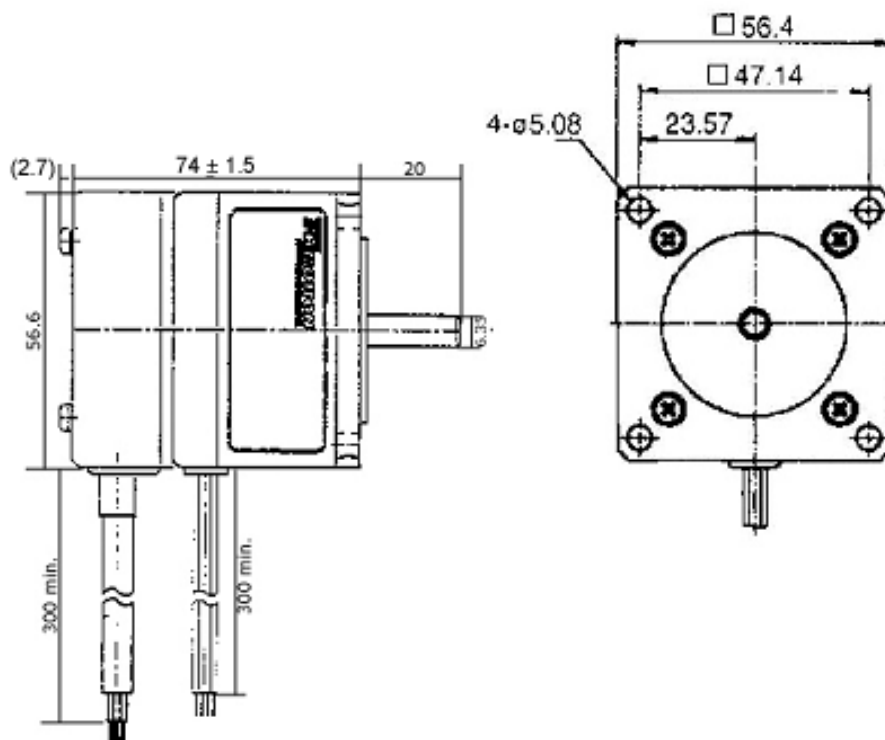
ECM265 Baureihe

2-Phasen-Schrittmotor mit Encoder [1,8° Standard-Version]

Auslaufmodell

Model	● Bipolar Parallel				● Bipolar Seriell				● Unipolar				Speed Torque
	Holding Torque [Nm]	Current / Phase [A]	Resistance / Phase [Ohm]	Inductance / Phase [mH]	Holding Torque [Nm]	Current / Phase [A]	Resistance / Phase [Ohm]	Inductance / Phase [mH]	Holding Torque [Nm]	Current / Phase [A]	Resistance / Phase [Ohm]	Inductance / Phase [mH]	
ECM265-E2.6P2200	0.6	3.7	0.36	0.9	0.6	1.85	1.44	3.6	0.45	2.6	0.72	0.9	c

Number of Leads	Weight of Motor & Encoder	Size Length	Rotor Inertia
8	0.61 kg	76.7mm	$57 \times 10^{-7} \text{kgm}^2$



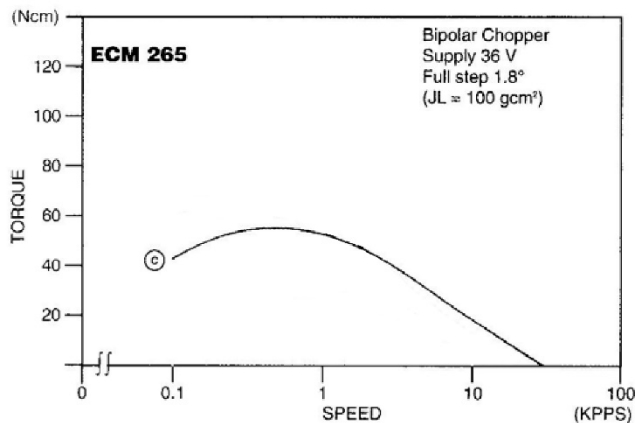
Optional sind für unsere Schrittmotoren Planetengetriebe erhältlich.



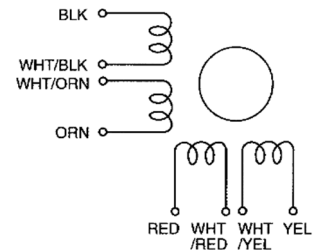
TÜVRheinland®
CERT
ISO9001:2015

EC Motion GmbH - Glockensprung (neu) 8 - D-41812 Erkelenz
Tel.: +49-2431-94206-0 - E-Mail: info@ec-motion.de
Internet: www.ec-motion.de

EC/MOTION



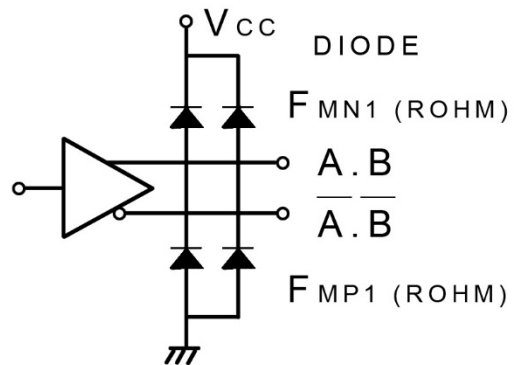
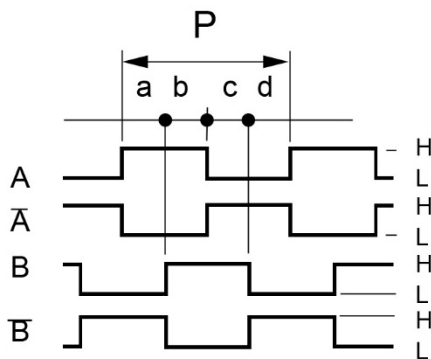
Schrittmotoranschluss



Encoder Performance

Operating Temp.range : 0°C – 85°C
 Supply : DC 5V ± 5% , 100mA max
 Resolution : 200 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 2Phase on.

Color of Leadwires and Funktion :

DC 5V = red A phase = brown A-bar phase = orange
 GND = blue B phase = yellow B-bar phase = gray

(Old-Version)

A phase = brown A-bar phase = orange
 B phase = yellow B-bar phase = white
 DC 5V = red GND = black