

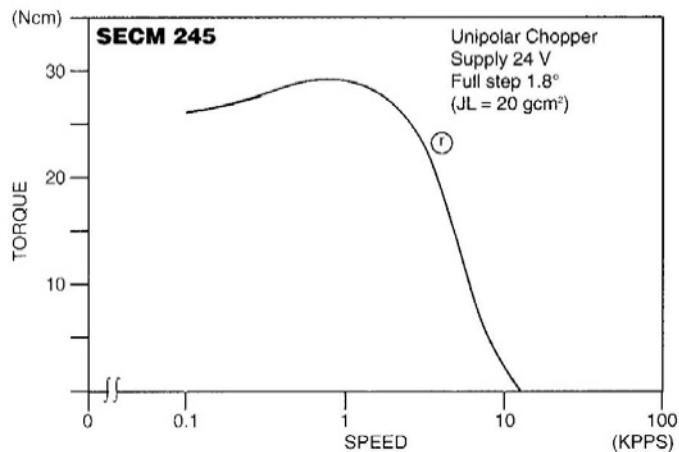
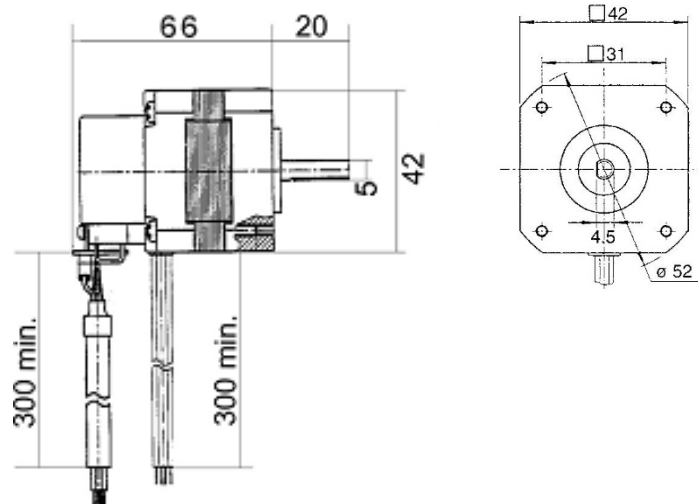


## SECM245er Baureihe

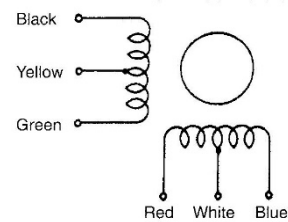
2-Phasen-Schrittmotor mit Encoder  
[1,8° High-Torque-Version]

Model P = Line Driver 200 Pulse/Umd.	● Bipolar (Series)				● 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]	
SECM245-S1.2P2200	0.41	0.85	6.6	12	0.32	1.2	3.3	3	r

Number of Leads	Weight of Motor & Encoder	Size Length	Rotor Inertia
6	0.36 kg	66 mm	$68 \times 10^{-7} \text{ kgm}^2$



### Schrittmotoranschluss



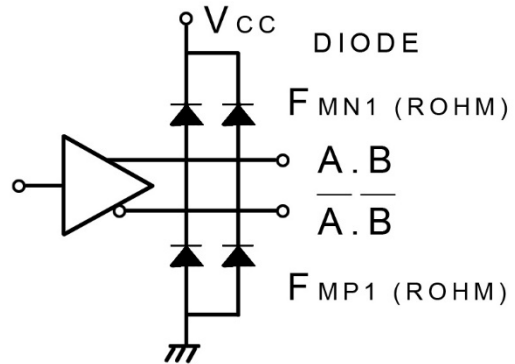
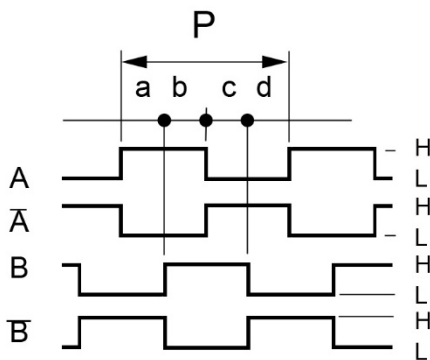
Optional sind für unsere Schrittmotoren auch Planetengetriebe erhältlich.



**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-cm<sup>2</sup> max Encoder only  
 Output Circuit : Line Driver AM26C31IDB



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



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