



□42 SECM24... TTL



STEPPING MOTORS

2-Phase Step Motor | Flange 42mm | 0.21 - 0.41 Nm
with Encoder

SCHRITTMOTOREN

2-Phasen Schrittmotoren | Flansch 42mm | 0,21 - 0,41 Nm
mit Encoder

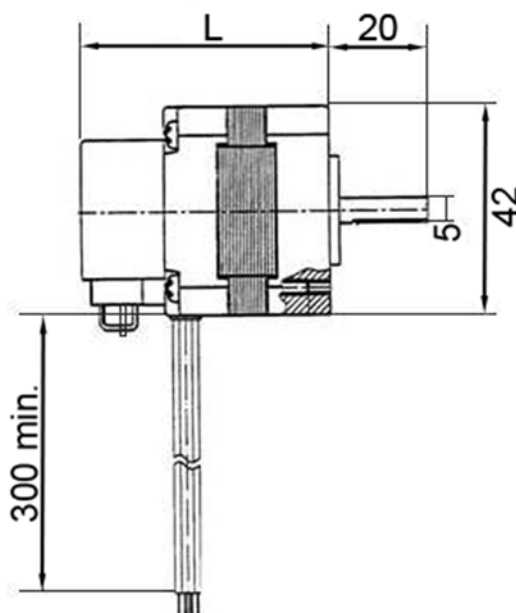


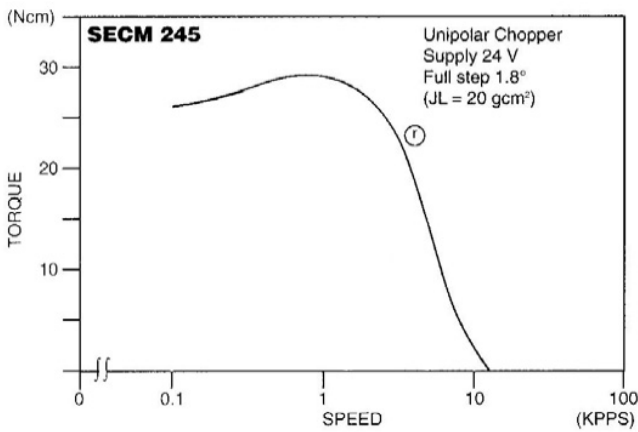
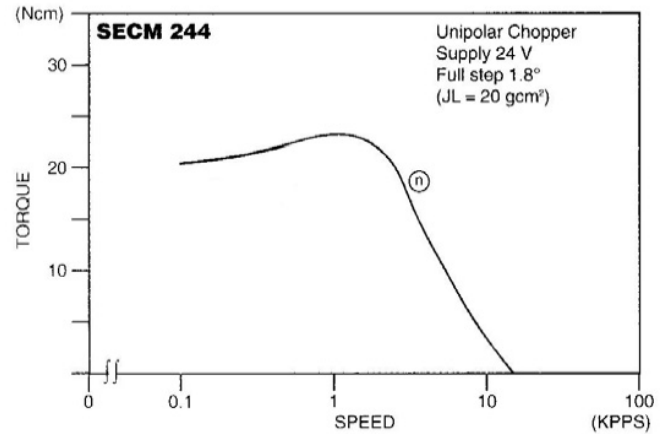
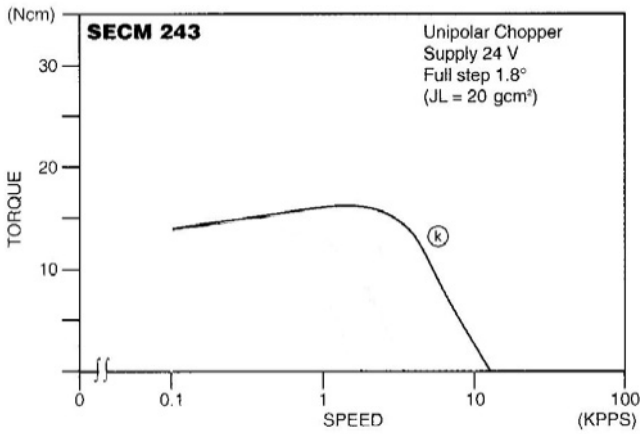
SECM24... Baureihe

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

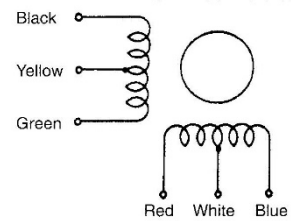
Model H = TTL Output 200 Pulse/Umd.	● Bipolar (Series)				● Unipolar				Speed Torque
	Holding Torque [Nm]	Current / Phase [A]	Resistance / Phase [Ohm]	Inductance / Phase [mH]	Holding Torque [Nm]	Current / Phase [A]	Resistance / Phase [Ohm]	Inductance / Phase [mH]	
SECM243-S1.0H2200	0.21	0.67	8.4	11.2	0.16	0.95	4.2	2.8	k
SECM244-S1.2H2200	0.33	0.85	6.6	14.4	0.26	1.2	3.3	3.6	n
SECM245-S1.2H2200	0.41	0.85	6.6	12	0.32	1.2	3.3	3	r

Model	Number of Leads	Weight of Motor & Encoder	Size Length	Rotor Inertia
SECM243	6	0.21 kg	50 mm	$35 \times 10^{-7} \text{ kgm}^2$
SECM244	6	0.28 kg	56 mm	$54 \times 10^{-7} \text{ kgm}^2$
SECM245	6	0.35 kg	64 mm	$68 \times 10^{-7} \text{ kgm}^2$





Schrittmotoranschluss



Optional sind für unsere Schrittmotoren auch Planetengetriebe erhältlich.



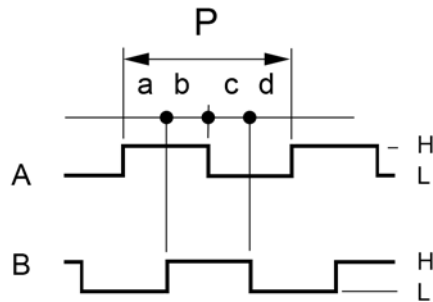
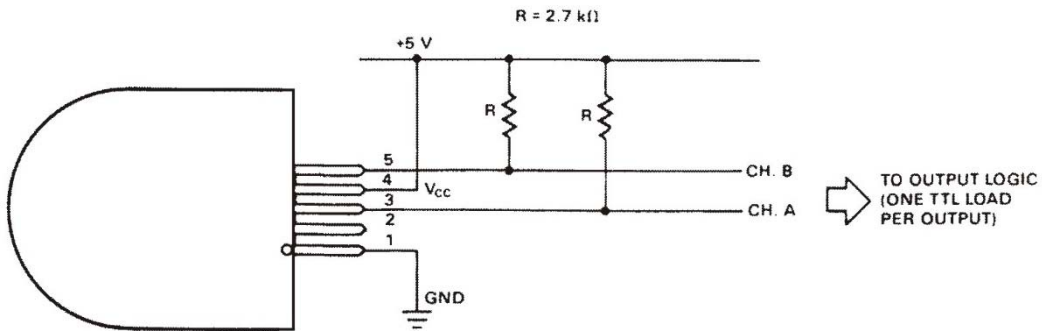
Encoder Performance

Operating Temp.range : 0°C – 85°C
 Supply Voltage : DC 5V ± 5% , 40mA 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 : -1mA min - 5mA max
 Rise Time : 200 nsec, Fall Time : 50 nsec
 Moment of inertia : 5×10^{-7} kgm² max Encoder only
 Output Circuit : TTL Compatible

Required plug-in contact (alternative):

- Hewlett Packard: HEDS-8902
- AMP: 103686-4 ; 640442-5
- Dupont/Berg: 65039-032 with 4825X-000
- Molex: 2695 Series with 2759 Series



CW Rotation viewed from mounting end.



EC Motion GmbH - Auf den Steinen 20 - 41812 Erkelenz
 Tel.: +49 (0)2164-7014-0 - Fax. : +49 (0)2164-701419
 Internet: www.ec-motion.de - e-mail: info@ec-motion.de

