



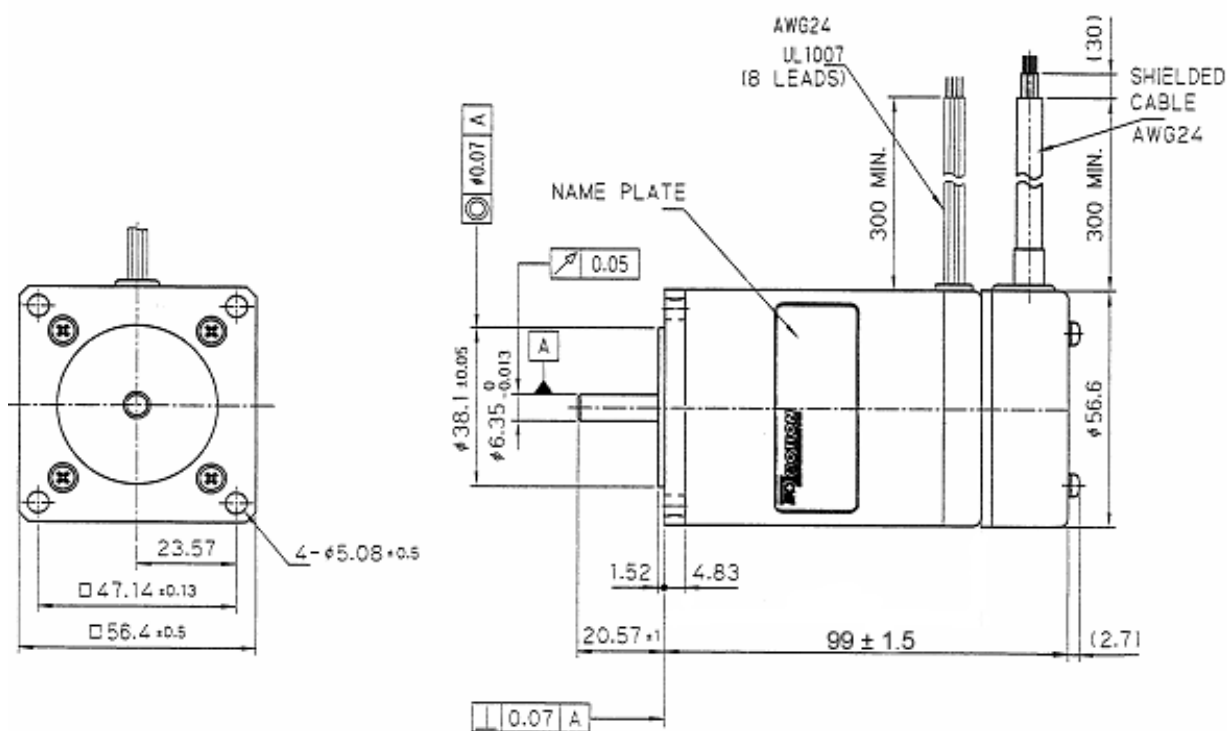
ECM268 Baureihe

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

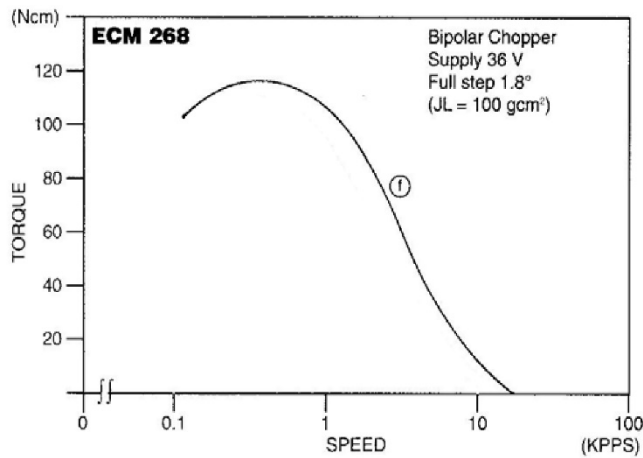
Auslaufmodell

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]	
ECM268-E2.3P2200	1.25	3.3	0.85	3.5	1.25	1.65	3.4	14	0.95	2.3	1.7	3.5	f

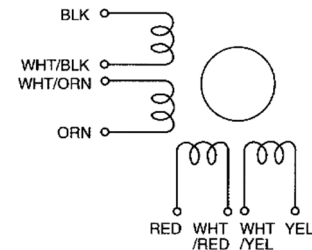
Number of Leads	Weight of Motor & Encoder	Size Length	Rotor Inertia
	1.15 kg	101.7mm	234 x 10 ⁻⁷ kgm ²



Optional sind für unsere Schrittmotoren Planetengetriebe erhältlich.



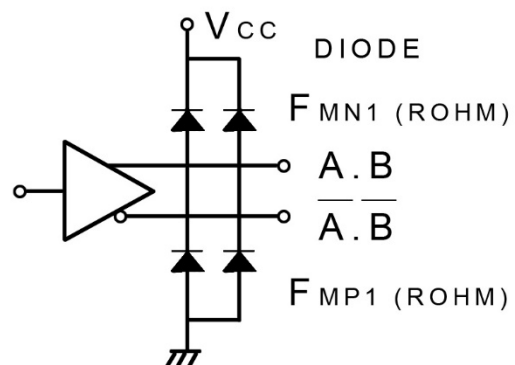
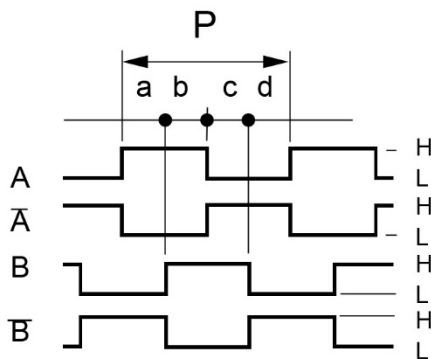
Schrittmotoranschluss



Encoder Performance

Operating Temp.range : 0°C – 85°C
 Supply : DC 5V $\pm$ 5% , 100mA max
 Resolution : 200 Counts / Turn
 Frequency Response : 100K Hz max.
 A phase difference : 1/4 P $\pm$ 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 $\pm$ 20mA max
 Rise & Fall Times : 1 μ sec 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	$\bar{A}$ phase = orange
GND = blue	B phase = yellow	$\bar{B}$ phase = gray

(Old-Version)

A phase = brown	$\bar{A}$ phase = orange
B phase = yellow	$\bar{B}$ phase = white
DC 5V = red	GND = black