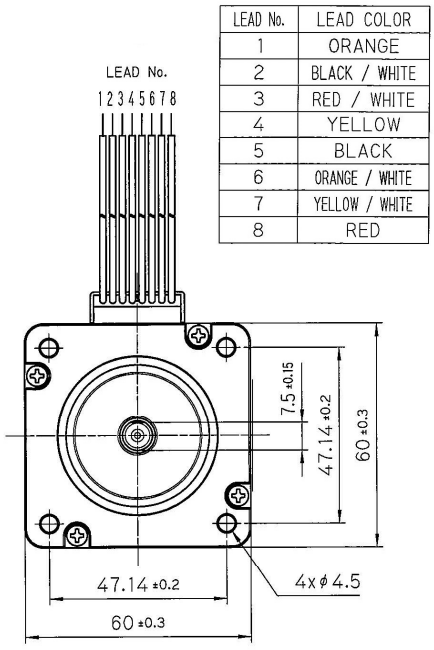
HECM266... Baureihe

2-Phasen-Schrittmotor mit Encoder

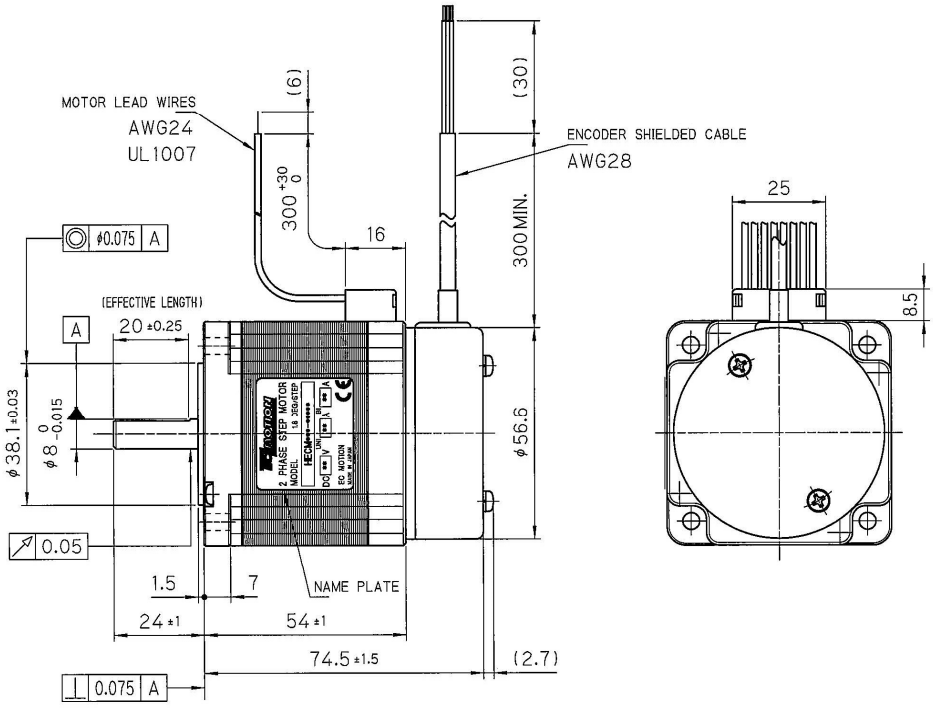
[1,8° High-Torque-Version]

Model P = Line Drive 200 Counts/Turn	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]	
HECM266-E2.0P2200	1.82	2.8	1.0	3.8	1.82	1.4	4.0	15.2	1.35	2.0	2.0	3.8	B1
HECM266-E3.0P2200	1.82	4.2	0.43	1.6	1.82	2.1	1.7	6.4	1.35	3.0	0.85	1.6	B2

Number of Leads	Weight of Motor & Encoder	Size Lenght	Rotor Inertia
8	0,95 kg	77.2 mm	450 x 10^{-7} kgm²



LEAD No.	LEAD COLOR
1	ORANGE
2	BLACK / WHITE
3	RED / WHITE
4	YELLOW
5	BLACK
6	ORANGE / WHITE
7	YELLOW / WHITE
8	RED



Optional sind für unsere Schrittmotoren Planetengetriebe erhältlich.

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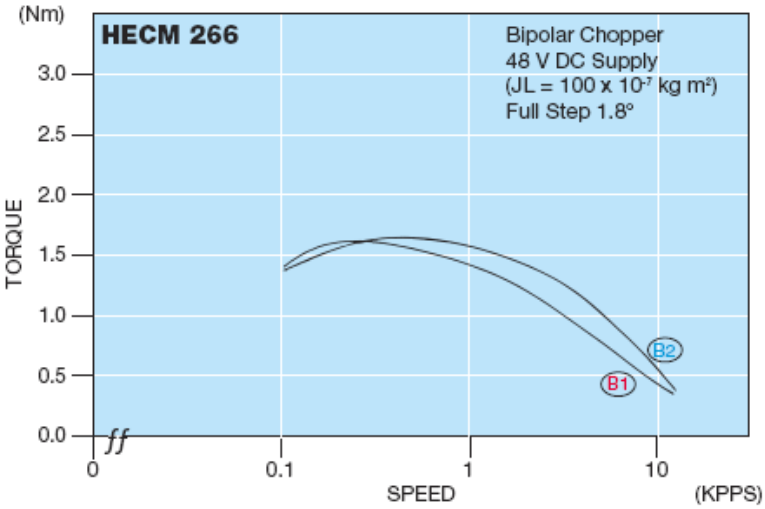
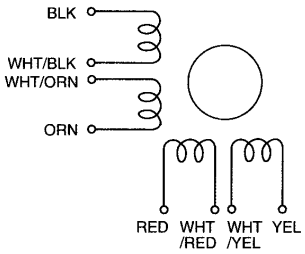


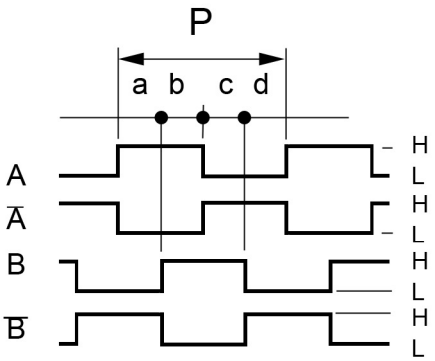
Schrittmotoranschluss

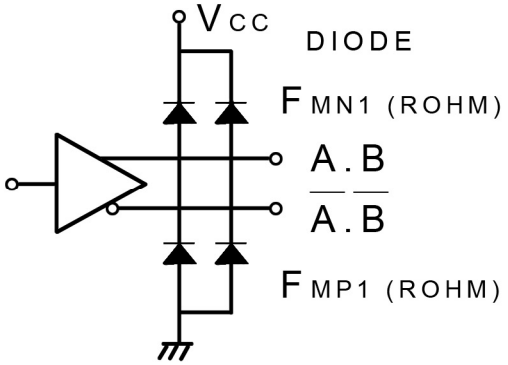


Encoder Performance

Operating Temp.range : 0°C – 85°C
Supply : DC 5V ± 5% , 100mA max
Resolution : 200 Counts / Turn
Frequence 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 Currend : 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
GND = blue
A phase = brown
B phase = yellow
Ā phase = orange
B̄ phase = gray

(Old-Version)

A phase = brown
B phase = yellow
DC 5V = red
Ā phase = orange
B̄ phase = white
GND = black

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