

## Bremse BRK29S - Technische Daten

Spannung: 24 VDC  
Leistung: 23,1 W  
Haltemoment: 10,2 Nm  
Spulenwiderstand: 24,9 Ohm  $\pm$  10%  
Einschaltdauer: 100%  
Gewicht: 0,918 kg

## Schrittmotor - Technische Daten

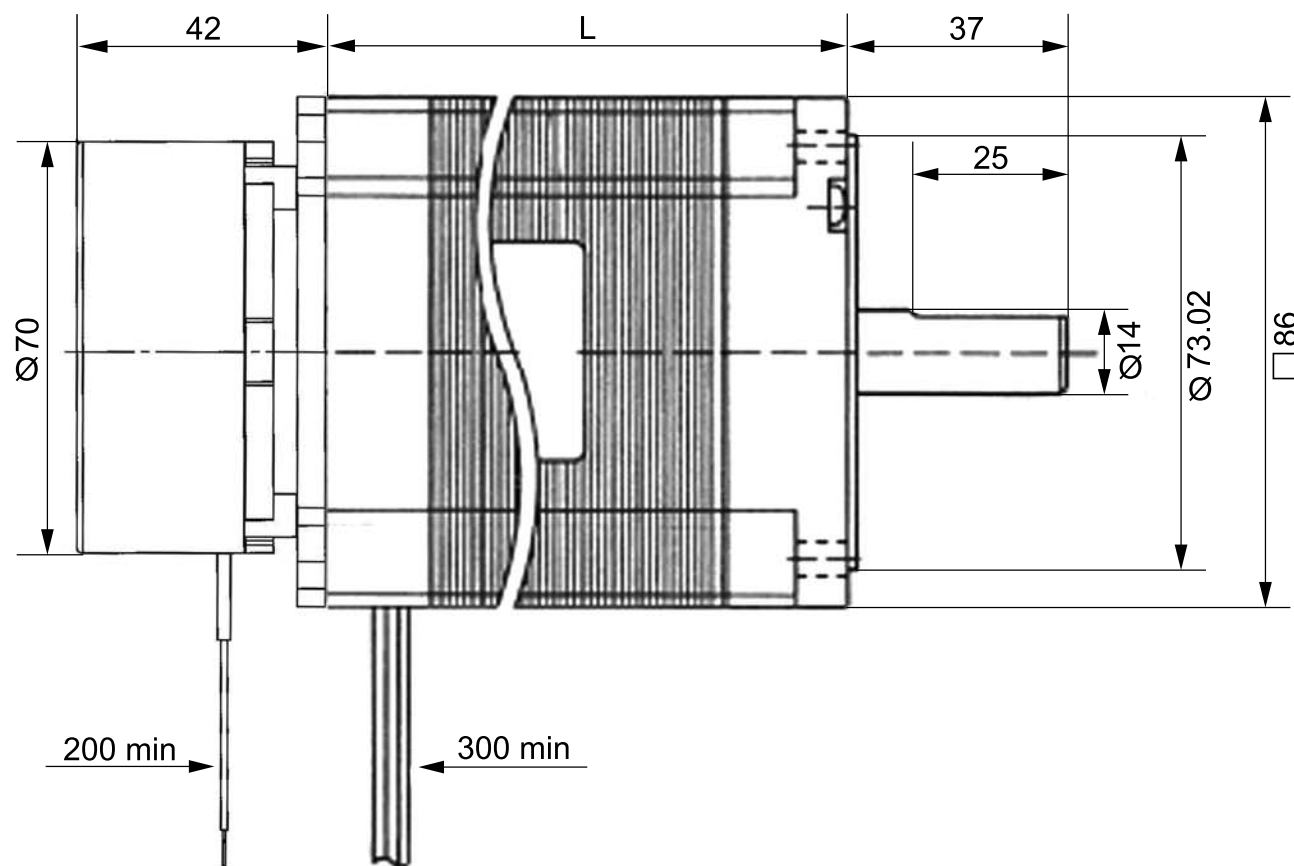
Länge (L):

SECM296-E4.5BE = 79 mm  
SECM299-E4.5BE = 117,5 mm  
SECM299-E6.4BE = 117,5 mm  
SECM2913-E4.0BE = 156 mm  
SECM2913-E6.4BE = 156 mm

Haltemoment:

SECM296-E4.5BE = 3,7 Nm  
SECM299-E4.5BE = 7,3 Nm  
SECM299-E6.4BE = 6,9 Nm  
SECM2913-E4.0BE = 10,2 Nm  
SECM2913-E6.4BE = 9,8 Nm

weitere Daten siehe Schrittmotordatenblatt



**EC**MOTION

**SECM29-Serie**

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**Schrittmotoren mit  
elektromagnetischer Bremse**

Datum: 23.09.2013

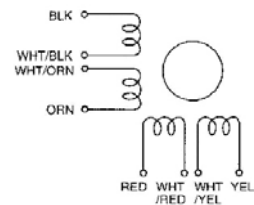
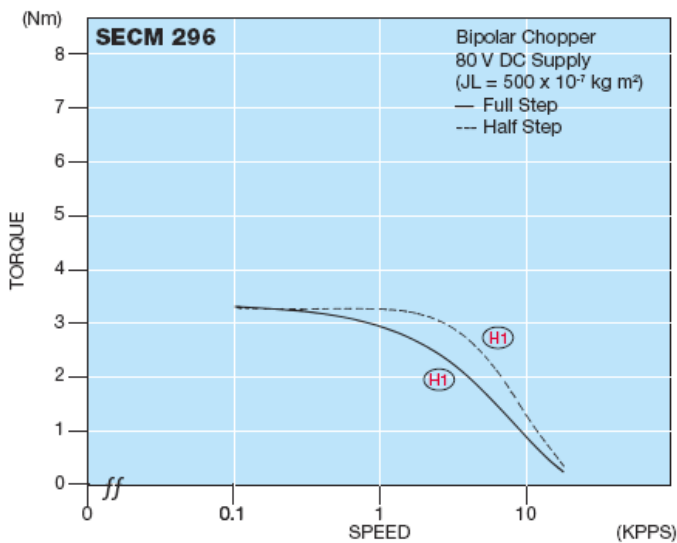
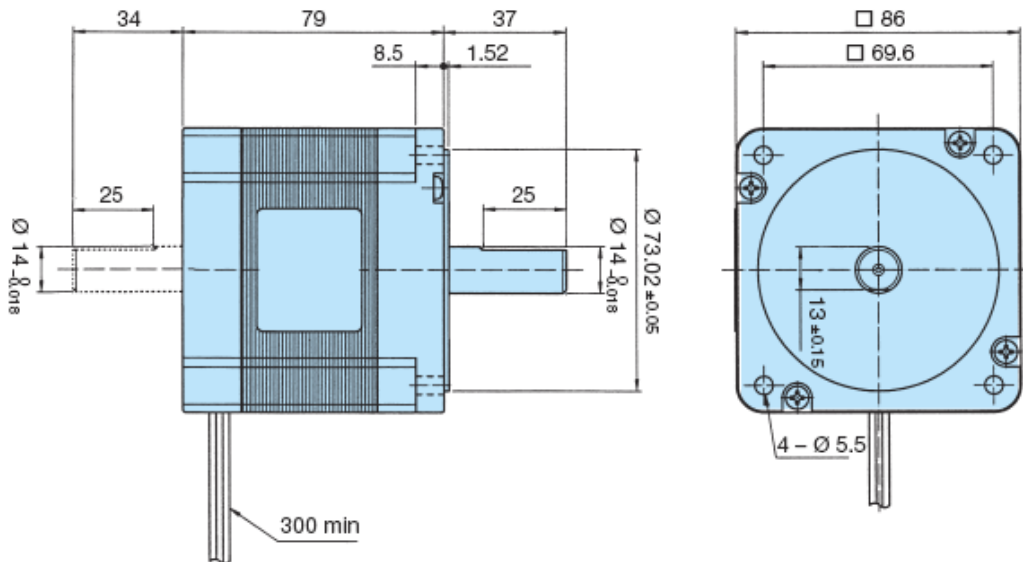


## SECM296... Serie 2-Phasen-Schrittmotor [1,8° High-Torque-Version]

Model AE = Single Shaft BE = Double Shaft	● Bipolar Parallel				● Bipolar Serial				● Unipolar				Torque Speed- curve
	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]	
SECM296-E4.5 (AE/BE)	3.70	6.4	0.2	1.6	3.70	3.2	0.8	6.4	2.75	4.5	0.4	1.6	(H)

Number of Leads	Weight of Motor	Size Length	Rotor Inertia
8	2.1 kg	86 x 86 x 79 mm	1600 x 10 <sup>-7</sup> kgm <sup>2</sup>

Resistance / Phase (Ω) = ± 15%, Inductance / Phase (mH) = ± 20%



Planetengetriebe sind optional erhältlich

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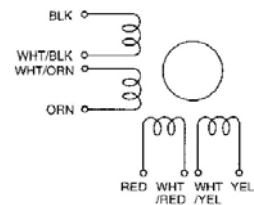
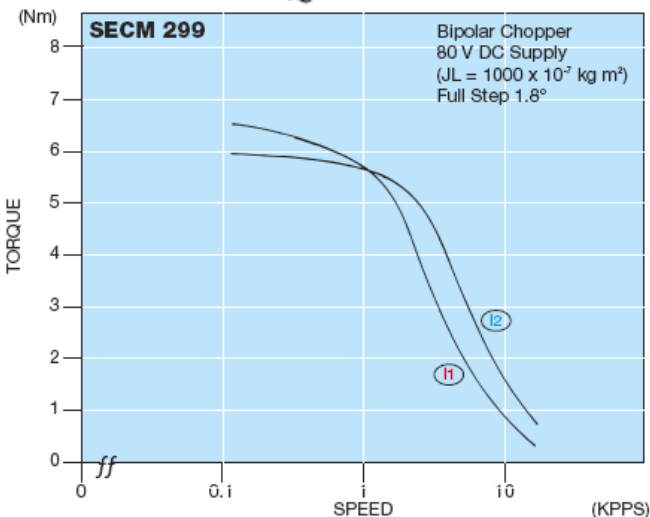
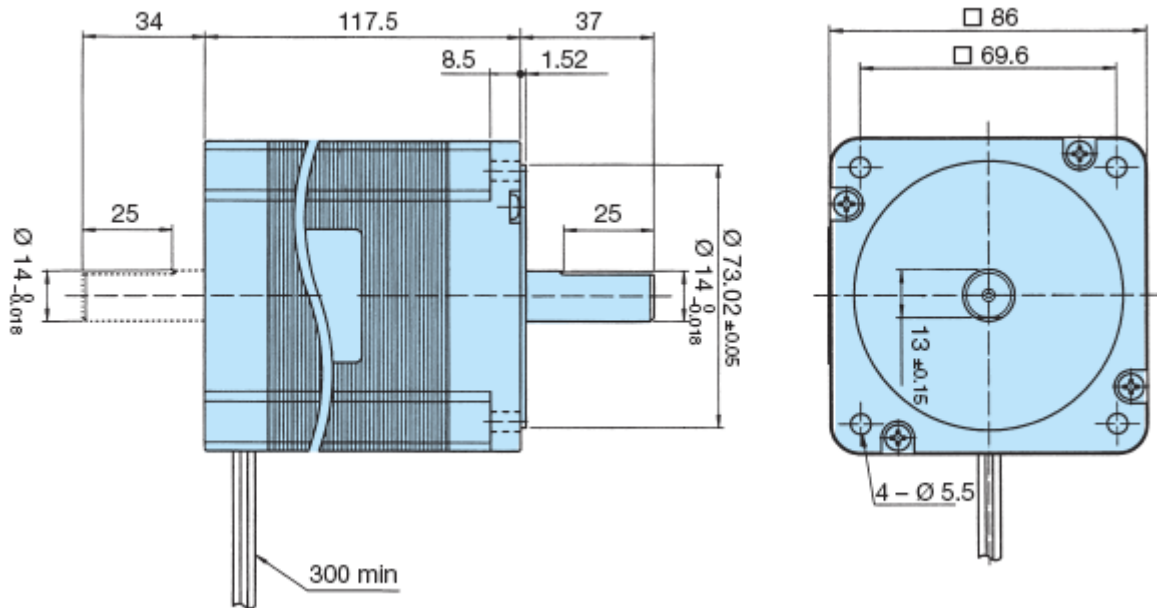


## SECM299... Serie 2-Phasen-Schrittmotor [1,8° High-Torque-Version]

Model AE = Single Shaft BE = Double Shaft	● Bipolar Parallel				● Bipolar Serial				● Unipolar				Torque Speed- curve
	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]	
SECM299-E4.5 (AE/BE)	7.30	6.4	0.3	3.1	7.30	3.2	1.2	12.4	5.40	4.5	0.6	3.1	(11)
SECM299-E6.4 (AE/BE)	6.90	9.0	0.16*	1.1	6.90	4.5	0.64*	4.4	5.00	6.4	0.32*	1.1	(12)

Number of Leads	Weight of Motor	Size Length	Rotor Inertia
8	3.5 kg	86 x 86 x 117.5 mm	3200 x 10 <sup>-7</sup> kgm <sup>2</sup>

Resistance / Phase (Ω) = ± 15%, (\* ± 20%), Inductance / Phase (mH) = ± 20%



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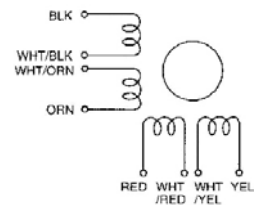
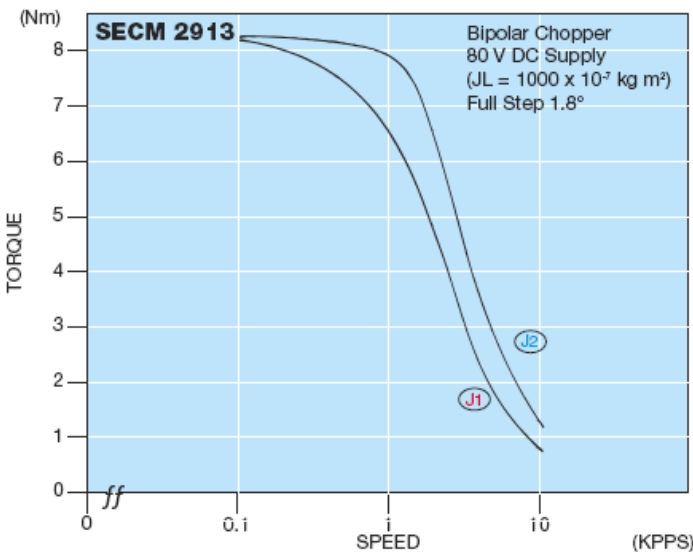
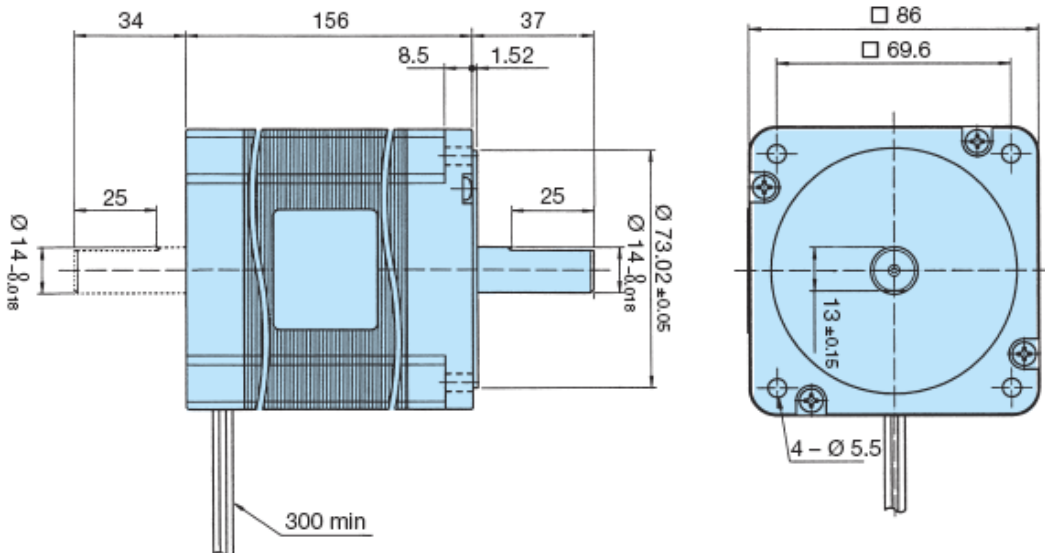


## SECM2913... Serie 2-Phasen-Schrittmotor [1,8° High-Torque-Version]

Model AE = Single Shaft BE = Double Shaft	● Bipolar Parallel				● Bipolar Serial				● Unipolar				Torque Speed- curve
	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]	
SECM2913-E4.0 (AE/BE)	10.20	5.7	0.43	4.6	10.20	2.8	1.7	18.4	7.40	4.0	0.85	4.6	(J1)
SECM2913-E6.4 (AE/BE)	9.80	9.0	0.19*	1.7	9.80	4.5	0.76*	6.8	7.20	6.4	0.38*	1.7	(J2)

Number of Leads	Weight of Motor	Size Length	Rotor Inertia
8	5.0 kg	86 x 86 x 156 mm	4800 x 10 <sup>-7</sup> kgm <sup>2</sup>

Resistance / Phase (Ω) = ± 15%, (\* ± 20%), Inductance / Phase (mH) = ± 20%



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