Brake BRK26H - Technical Data

Voltage:	24 VDC
Watt:	9.5 W
Holdingtorque:	3.3 Nm
Coil Resistance:	47.3 up to 55.8 Ohm
Duty Cycle:	50%
Weight:	0.45 kg

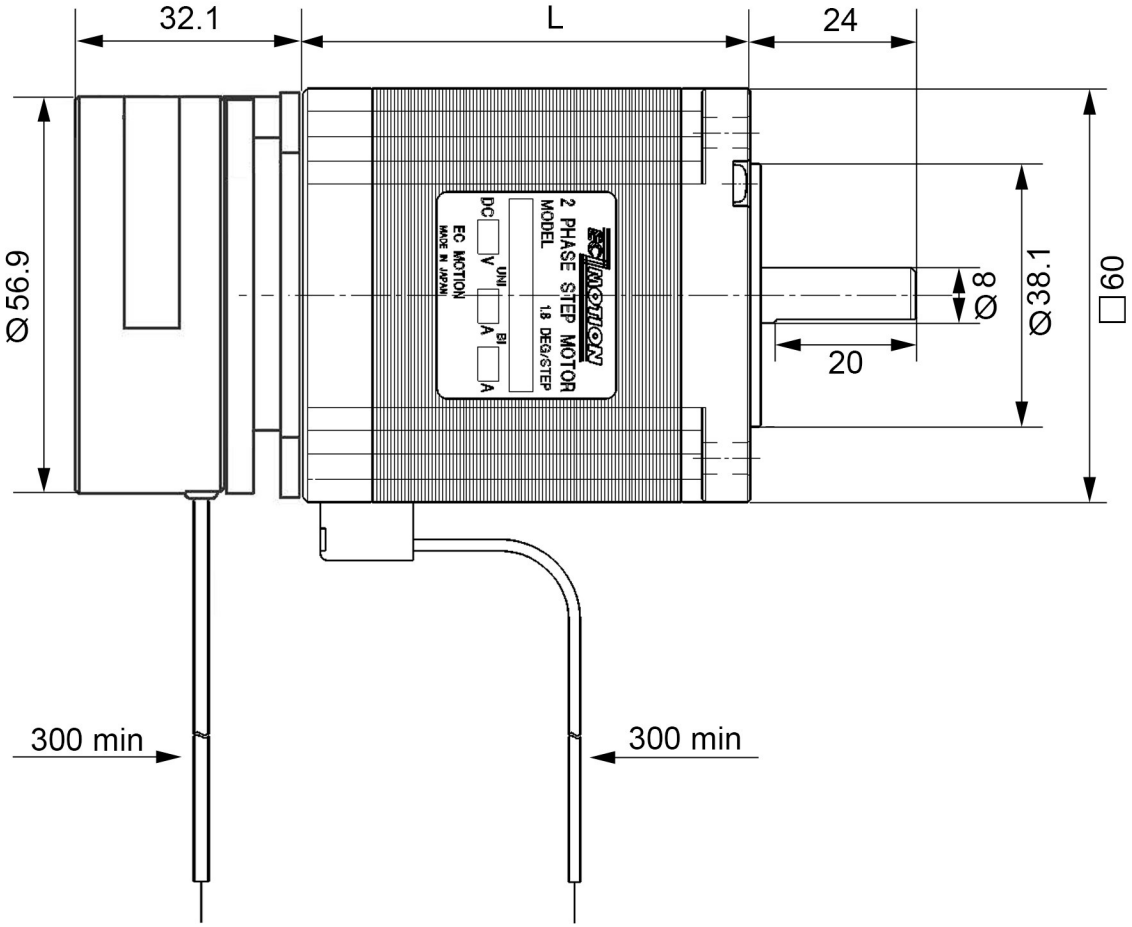
Step Motor - Technical Data

Length (L):

HECM264...B = 43.5 mm
HECM266...B = 54 mm
HECM267...B = 65 mm
HECM269...B = 85 mm

Holding Torque:

HECM264...B = 1.15 Nm
HECM266...B = 1.82 Nm
HECM267...B = 2.35 Nm
HECM269...B = 3.30 Nm



futher data see Step Motor data sheet

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HECM26-Series

Step Motor with electromagnetic Brake

☐ 60 mm HECM-SPECIFICATIONS

1.8° HIGH-TORQUE 2 PHASE STEPPING MOTOR

Model A = Single Shaft B = 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]	
HECM264-E2.0 (A/B)	1.15	2.8	0.73	2.1	1.15	1.4	2.9	8.4	0.85	2.0	1.45	2.1	A1
HECM264-E3.0 (A/B)	1.15	4.2	0.33*	1.0	1.15	2.1	1.3*	4.0	0.85	3.0	0.65*	1.0	A2

Number of Leads	Weight of Motor	Size Lenght	Rotor Inertia
8	0.6 kg	60 x 60 x 43,5 mm	280 x 10 $^{-7}$ kgm^2

Resistance / Phase (Ω) = ± 10%, (* ± 15%), Inductance / Phase (mH) = ± 20%

Model A = Single Shaft B = 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]	
HECM266-E2.0 (A/B)	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-E3.0 (A/B)	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	Size Lenght	Rotor Inertia
8	0.85 kg	60 x 60 x 54 mm	450 x 10 $^{-7}$ kgm^2

Resistance / Phase (Ω) = ± 10%, (* ± 15%), Inductance / Phase (mH) = ± 20%

Model A = Single Shaft B = 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]	
HECM267-E2.4 (A/B)	2.35	3.5	0.75	3.1	2.35	1.75	3.0	12.4	1.75	2.45	1.5	3.1	C1
HECM267-E3.0 (A/B)	2.35	4.2	0.5*	2.0	2.35	2.1	2.0*	8.0	1.75	3.0	1.0*	2.0	C2

Number of Leads	Weight of Motor	Size Lenght	Rotor Inertia
8	1.1 kg	60 x 60 x 65 mm	570 x 10 $^{-7}$ kgm^2

Resistance / Phase (Ω) = ± 10%, (* ± 15%), Inductance / Phase (mH) = ± 20%

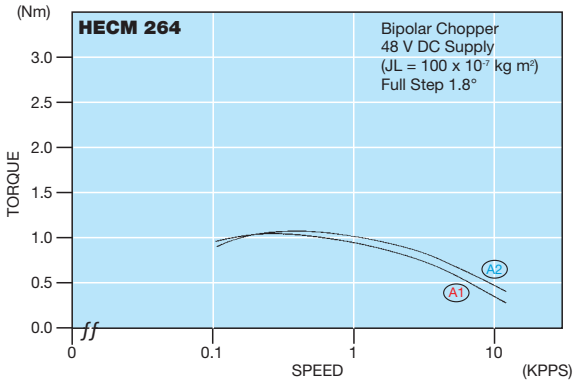
Model A = Single Shaft B = Double Shaft	● Bipolar Parallel				● Bipolar Serial				● Unipolar				Torque Speed-curve
	Holding Torque [Nm]	Current/ Phase [A]	Resistance/ Phase [Ohm]	Inductance/ Phase [mH]	Holding Torque [Nm]	Current/ Phase [A]	Resistance/ Phase [Ohm]	Inductance/ Phase [mH]	Holding Torque [Nm]	Current/ Phase [A]	Resistance/ Phase [Ohm]	Inductance/ Phase [mH]	
HECM269-E2.4 (A/B)	3.30	3.5	1.0	5.0	3.30	1.75	4.0	20.0	2.45	2.45	2.0	5.0	D1
HECM269-E3.0 (A/B)	3.30	4.2	0.65*	3.2	3.30	2.1	2.6*	12.8	2.45	3.0	1.3*	3.2	D2

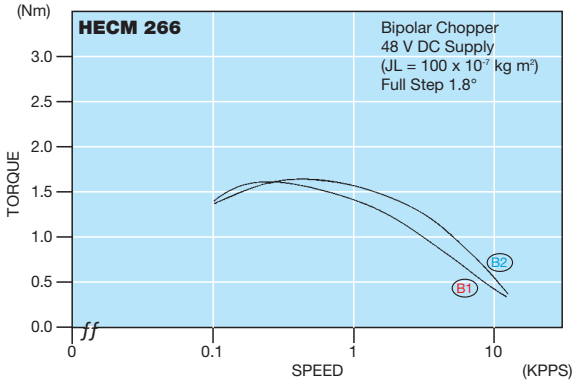
Number of Leads	Weight of Motor	Size Lenght	Rotor Inertia
8	1.45 kg	60 x 60 x 85 mm	900 x 10 $^{-7}$ kgm^2

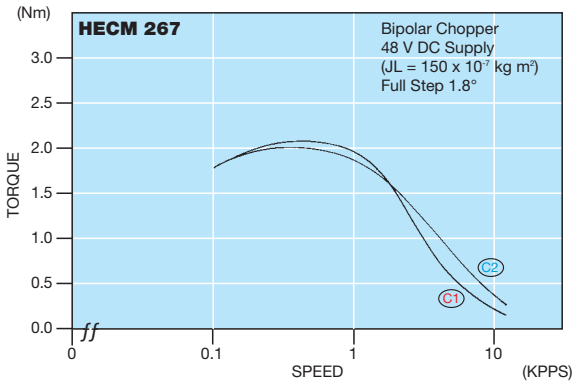
Resistance / Phase (Ω) = ± 10%, (* ± 15%), Inductance / Phase (mH) = ± 20%

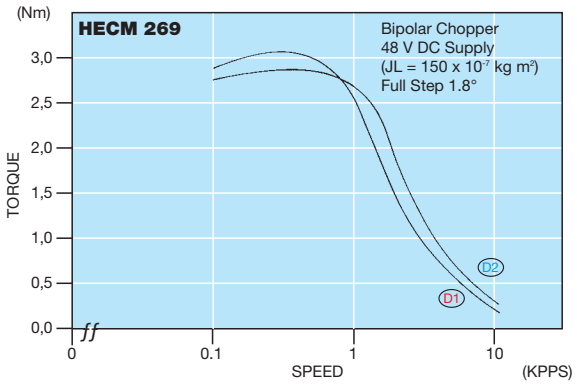
TORQUE VS. SPEED CHARACTERISTIC

Nm/KPPS (1000 PULSE/SECOND)









DIMENSIONS

UNIT = mm