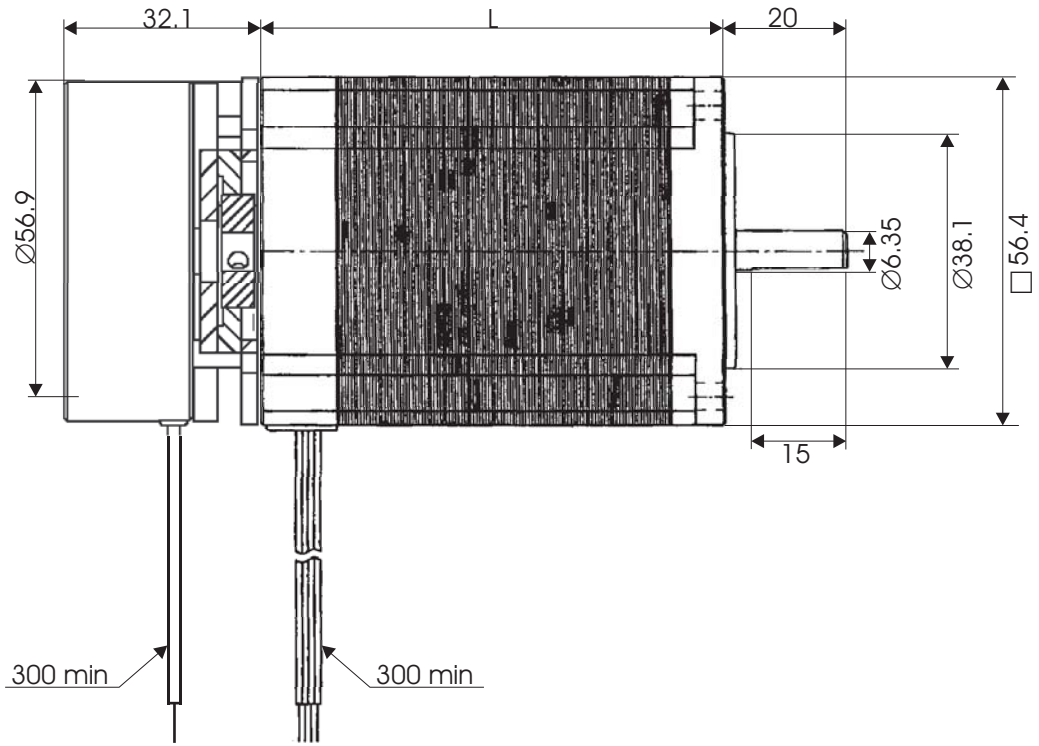
Technical Data: Brake BRK26:

Volt: 24 VDC
Watt: 9.5 W
Torque: 3.3 Nm
Coil Resistance: 47.3 up to 55.8 Ohm
Duty Cycle: 50 %



Technical Data: Step Motor:

Length (L):
SECM264... = 39 mm
SECM266... = 54 mm
SECM268... = 76 mm

Holding Torque:
SECM264... = 0.5 Nm
SECM266... = 1.17 Nm
SECM268... = 1.75 Nm

other step motor details see
cataloge page 6 and 7

SECM - Series

Step Motor with electromagnetic Brake

☐ 56.4 mm SECM-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]	
SECM264-E1.0 (A/B)	0.50	1.4	2.6	5.4	0.50	0.7	10.4	21.6	0.39	1.0	5.2	5.4	E1
SECM264-E2.0 (A/B)	0.50	2.8	0.7	1.4	0.50	1.4	2.8	5.6	0.39	2.0	1.4	1.4	E2
SECM264-E3.0 (A/B)	0.50	4.2	0.3*	0.5	0.50	2.1	1.2*	2.0	0.39	3.0	0.6*	0.5	E2

Number of Leads	Weight of Motor	Size Lenght	Rotor Inertia
8	0.45 kg	56.4 x 56.4 x 39 mm	120 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]	
SECM266-E1.0 (A/B)	1.17	1.4	3.6	11.0	1.17	0.7	14.4	44.0	0.90	1.0	7.2	11.0	F1
SECM266-E2.0 (A/B)	1.17	2.8	0.9	2.5	1.17	1.4	3.6	10.0	0.90	2.0	1.8	2.5	F2
SECM266-E3.0 (A/B)	1.17	4.2	0.4*	1.2	1.17	2.1	1.6*	4.8	0.90	3.0	0.8*	1.2	F3

Number of Leads	Weight of Motor	Size Lenght	Rotor Inertia
8	0.7 kg	56.4 x 56.4 x 54 mm	260 x 10 $^{-7}$ kgm^2

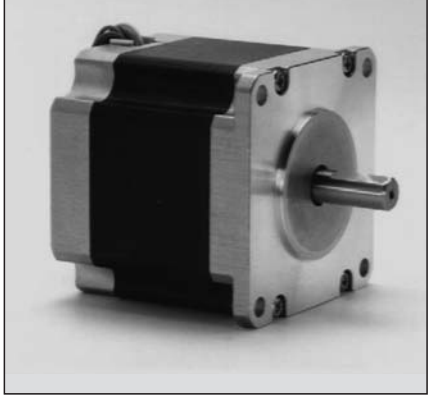
Resistance / Phase (Ω) = ± 10%, (* ± 15%), Inductance / Phase (mH) = ± 20%

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]	
SECM268-E1.0 (A/B)	1.75	1.4	4.1	14.0	1.75	0.7	16.4	56.0	1.35	1.0	8.2	14.0	G1
SECM268-E2.0 (A/B)	1.75	2.8	1.2	3.6	1.75	1.4	4.6	14.4	1.35	2.0	2.3	3.6	G2
SECM268-E2.3 (A/B)	1.75	3.3	0.9	2.8	1.75	1.65	3.4	11.2	1.35	2.3	1.7	2.8	G3
SECM268-E3.0 (A/B)	1.75	4.2	0.5*	1.6	1.75	2.1	2.0*	6.4	1.35	3.0	1.0*	1.6	G4

Number of Leads	Weight of Motor	Size Lenght	Rotor Inertia
8	1.0 kg	56.4 x 56.4 x 76 mm	430 x 10 $^{-7}$ kgm^2

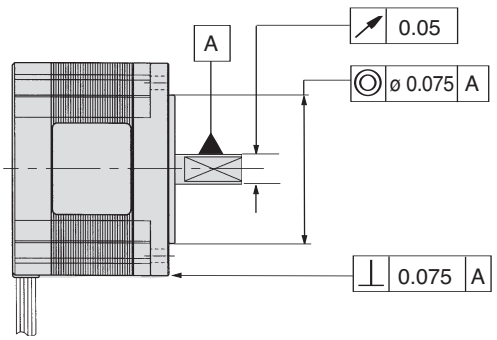
Resistance / Phase (Ω) = ± 10%, (* ± 15%), Inductance / Phase (mH) = ± 20%

HECM / SECM - Series



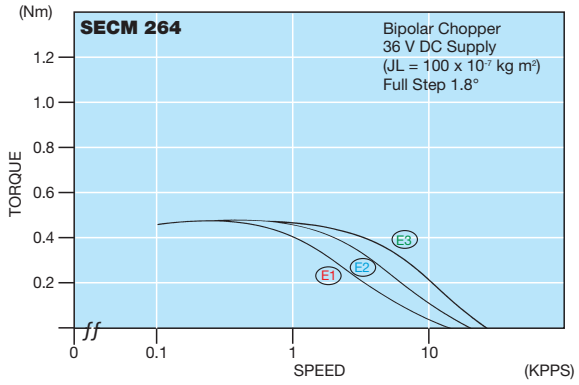
GENERAL SPECIFICATIONS

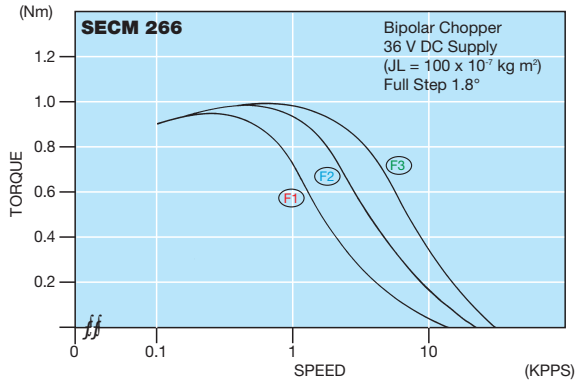
Items	Specifications
Shaft Runout	0.05 mm Max. T.I.R.
Shaft Radial Play	0.025 mm Max. (0.5 kg)
Shaft Axial Play	0.075 mm Max. (1 kg)
Insulation Resistance	100 M Ω (DC 500 V)
Dielectric Strength	500 V AC (1 Minute)
Insulation Class	CLASS B (130°)
Temperature Rise	80° C MAX. (2 PHASE ON)
Working Temperature	-20° C ~ + 50° C

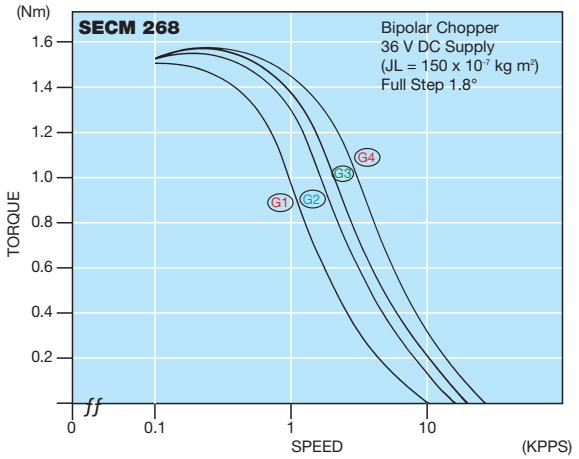


TORQUE VS. SPEED CHARACTERISTIC

Nm/KPPS (1000 PULSE/SECOND)

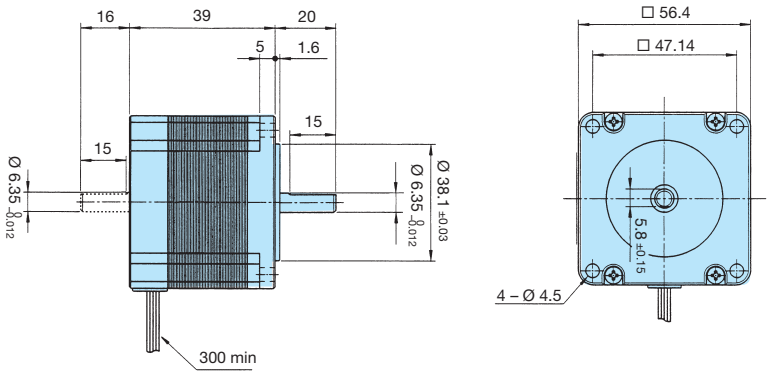


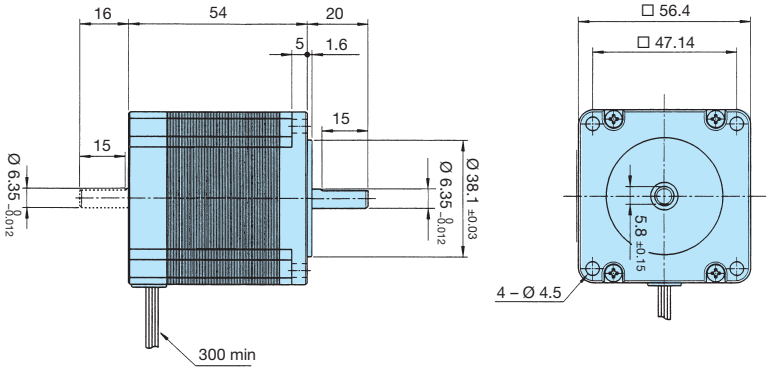


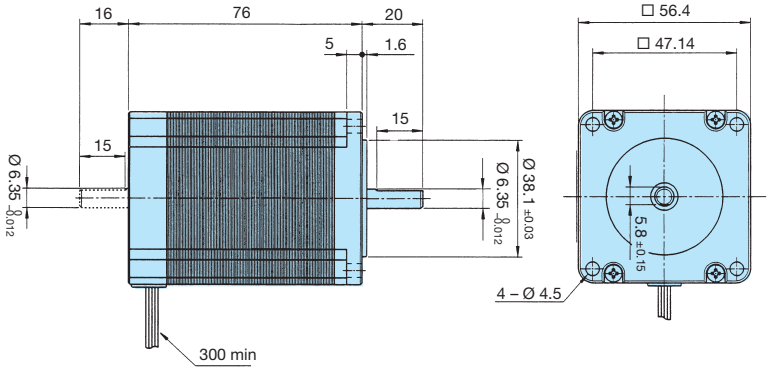


DIMENSIONS

UNIT = mm

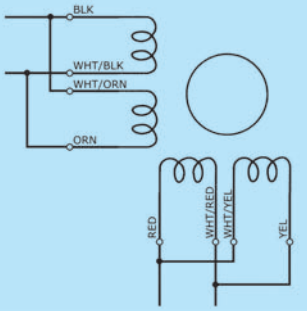




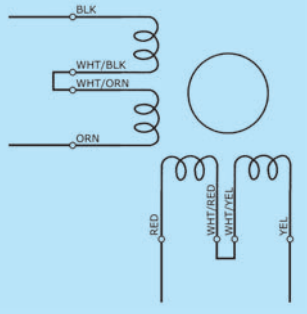


COLOR OF LEAD WIRES

Bipolar (Parallel)



Bipolar (Series)



Unipolar