

Brakes, Bolt-on

- NEMA 17, 23 and 34 Sizes
- "Fail-Safe" Type (Apply power to release)
- 24 Vdc Supply Voltage
- Clamp On Collar Requires no motor modifications
- Simplifies Stocking - Not requiring custom Brake Motor
- Available with Heavy Duty shaft inputs
- Nema Output Flanges couple to Nema Gear reducers



Catalog Number	Input Flange	Output Flange	Holding Torque lb-in (Nm)	Input Diameter inch (mm)	Output Diameter inch (mm)	Max. Motor Shaft Length inch (mm)	Voltage (Vdc)	Current (Amps)	Resistance (Ohms)	Inertia oz-in-s ² (kg-cm ²)	Weight lb (kg)
E9	N17	N17	1.00 (0.113)	0.197 (5.00)	0.197 (5.00)	0.97 (24.638)	24	0.220	117	0.00010 (0.0070)	0.44 (0.198)
E5	N23	N23	3.00 (0.339)	1/4 (6.35)	1/4 (6.35)	0.94 (23.87)	24	0.181	132	0.00051 (0.03596)	1.06 (0.482)
E8	HD Shaft	HD Shaft	3.00 (0.339)	1/2 (12.70)	1/2 (12.70)	1.60 (40.64)	24	0.181	132	0.00051 (0.03596)	1.06 (0.482)
E6	N34	N34	15.00 (1.695)	3/8 (9.53)	1/2 (12.70)	1.30 (33.02)	24	0.369	65	0.0045 (0.318)	2.88 (1.304)
E6-N	N34	N34	15.00 (1.695)	3/8 (9.53)	3/8 (9.53)	1.30 (33.02)	24	0.369	65	0.0045 (0.318)	2.88 (1.304)
E7	HD Shaft	HD Shaft	15.00 (1.695)	1/2 (12.70)	1/2 (12.70)	1.30 (33.02)	24	0.369	65	0.0045 (0.318)	2.88 (1.304)

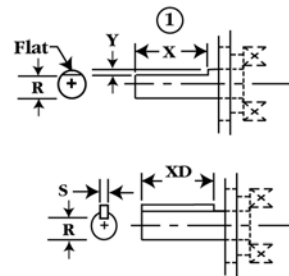
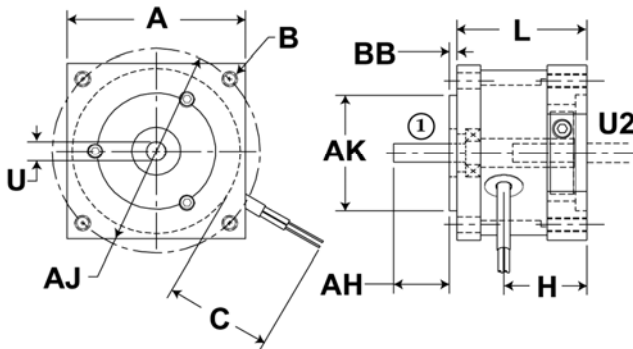
Data at 20 degrees C

Dimensions - inches (mm)

	E9	E5	E8	E6	E6-N	E7
A (3)	1.650 (41.91)	2.250 (57.15)	2.250 (57.15)	3.250 (82.55)	3.250 (82.55)	3.250 (82.55)
B (4x)	#4-40 UNC-2B	0.205 (5.21)	0.205 (5.21)	0.222 (5.64)	0.222 (5.64)	0.222 (5.64)
C (2)	11.5 (292.0)	16.75 (425.0)	16.75 (425.0)	18.0 (457.0)	18.0 (457.0)	18.0 (457.0)
H (3)	0.82 (20.83)	1.18 (29.97)	1.18 (29.97)	1.58 (40.13)	1.58 (40.13)	1.58 (40.13)
L (1)	1.51 (38.35)	1.78 (45.2)	3.031 (76.99)	2.58 (65.53)	2.58 (65.53)	2.58 (65.53)
U (1)	0.197 (5.00)	0.250 (6.35)	0.4997 (12.69)	0.4997 (12.69)	0.4997 (12.69)	0.4997 (12.69)
U2 (3)	0.100 (2.54)	0.145 (3.68)	0.145 (3.68)	0.145 (3.68)	0.145 (3.68)	0.145 (3.68)
AH (3)	0.71 (18.03)	0.70 (17.78)	0.70 (17.78)	1.16 (29.46)	1.16 (29.46)	1.16 (29.46)
AJ (3)	1.725 (43.82)	2.625 (66.68)	2.625 (66.68)	3.875 (98.43)	3.875 (98.43)	3.875 (98.43)
AK (1)	0.8662 (22.00)	1.500 (38.1)	1.500 (38.1)	2.875 (73.03)	2.875 (73.03)	2.875 (73.03)
BB (3)	0.08 (2.03)	0.10 (2.54)	0.10 (2.54)	0.10 (2.54)	0.10 (2.54)	0.10 (2.54)

(1) Maximum Values (2) Minimum Values (3) Nominal (4x) 4 places

Note: These brakes are not IP65 rated and should not be used in an environment that could affect brake performance.



Model	Output Shaft Dimensions		
	X	Y	R
E9	0.59	0.02	0.177
E5	0.63	0.015	0.235

Model	S	XD	R
	E8	1/8 sq.	0.63
E6	1/8 sq.	1.00	0.375
E6-N	1/8 sq.	1.00	0.3125
E7	1/8 sq.	1.00	0.375