

Motor frame size (mm)	089LD			089AD
Voltage (Vrms)	48			24
Frame length	A	B	C	A
Continuous stall torque (Nm)	3.2	5.5	8	n/a
Peak torque (Nm)	9.6	16.5	24	n/a
Standard inertia (kgcm ²)	0.87	1.61	2.34	n/a
Winding thermal time constant (sec)	85	93	98	n/a
Standard motor weight (kg)	3.18	4.28	5.50	n/a
Number of poles	10	10	10	n/a
Speed (rpm) =	1000			
Kt (Nm/A) = Ke (V/krpm) =	0.42 25.6			
Rated torque (Nm)	3.2	5.25	7.8	n/a
Stall current (A)	7.62	13.1	19	n/a
Rated power (kW)	0.33	0.55	0.82	n/a
R (ph-ph) (Ohms)	0.56	0.22	0.14	n/a
L (ph-ph) (mH)	3.7	1.7	1.1	n/a
Standard Connection	Flying Leads			n/a
Speed (rpm) =	1500			1500
Kt (Nm/A) = Ke (V/krpm) =	0.24 15.17			0.24 15.17
Rated torque (Nm)	3	5.2	n/a	3
Stall current (A)	13	25.1	n/a	46
Rated power (kW)	0.5	0.82	n/a	0.94
R (ph-ph) (Ohms)	0.26	0.11	n/a	0.26
L (ph-ph) (mH)	1.64	0.78	n/a	1.64
Standard Connection	Flying Leads			Flying Leads
Speed (rpm) =	3000			
Kt (Nm/A) = Ke (V/krpm) =	0.14 8.5			
Rated torque (Nm)	3	n/a	n/a	n/a
Stall current (A)	23	n/a	n/a	n/a
Rated power (kW)	0.94	n/a	n/a	n/a
R (ph-ph) (Ohms)	0.08	n/a	n/a	n/a
L (ph-ph) (mH)	0.5	n/a	n/a	n/a
Standard Connection	Flying Leads			n/a