

60/80 Series

Servo Motor series	60 series		80 Series	
Servo Motor model	60DNMA2-0D20D	60DNMA2-0D40D	80DNMA2-0D75D	80DNMA2-0001D
Input voltage	220VAC			
Inertia	High	High	High	High
Rated power (W)	200	400	750	1000
Rated torque (N*m)	0.64	1.27	2.39	3.18
Rated current (A)	1.4	2.5	3.7	5.1
Maximum current (A)	4.2	7.5	11.1	15.3
Rated speed (rpm)	3000	3000	3000	3000
Maximum speed (rpm)	5000	5000	5000	5000
Torque constant (N*m/Amp)	0.45	0.508	0.64	0.62
Back EMF constant (V/Krpm)	29	33	43	41
Rotary inertia (with brake) (10-4Kg*m2)	0.14 (0.16)	0.67 (0.68)	1.5(1.53)	1.12 (1.15)
Resistance (line-line) (Ω)	8.4	4.28	1.5	1.2
Inductance (line-line) (mH)	26.5	15.4	7.9	6.1
Mass (with brake) (kg)	1.03 (1.53)	1.59 (2.05)	2.93 (4.03)	3.12 (4.12)
LL (with brake) (mm)	105(140)	140(175)	144.7 (183.9)	144.7(183.9)
LR (mm)	30	30	35	35
LE (mm)	3	3	3	3
LG (mm)	8	8	8	8
S (mm)	14	14	19	19
LJ1 (mm)	0	0	0	0
LJ (mm)	11	11	15.5	15.5
J (mm)	20	20	25	25
LF1 (mm)	5	5	6	6
LF2 (mm)	5	5	6	6
LM (mm)	M4 deep 15	M4 deep 15	M5 deep 20	M5 deep 20
LA (mm)	70	70	90	90
LB (mm)	50	50	70	70
LC (mm)	60	60	80	80
LZ (mm)	5.5	5.5	6.5	6.5

