

60L Series Reversible Synchronous motors

Features:

- AC Voltage 24/ 120/ 230V
- Reversible
- Speed 250/ 300 rpm
- Sintered bronze sleeve bearings



Motor data

Motor order number	1786-60L250B3A	1786-60L250B5A	1786-60L250B7A	1786-60L300B3A	1786-60L300B5A	1786-60L300B7A
AC Operating Voltage	24	120	230	24	120	230
Frequency (Hz)	50	50	50	60	60	60
Speed (Rpm)	250	250	250	300	300	300
Direction of rotation	Reversible	Reversible	Reversible	Reversible	Reversible	Reversible
Synchronous Torque (mNm)	134.53	114.76	121.47	129.73	92.23	105.93
Capacitor (use <10% if possible)	35µF	0.82µF	0.22µF	35µF	0.82µF	0.22µF
Rotor moment of inertia (g.m ²)	9,5 x 10 ⁻⁴	9,5 x 10 ⁻⁴	9,5 x 10 ⁻⁴	9,5 x 10 ⁻⁴	9,5 x 10 ⁻⁴	9,5 x 10 ⁻⁴
Ambient temperature range						
- Operating	-20 ^o to +70 ^o C	-20 ^o to +70 ^o C	-20 ^o to +70 ^o C	-20 ^o to +70 ^o C	20 ^o to +70 ^o C	-20 ^o to +70 ^o C
- Storage	-40 ^o to +85 ^o C	-40 ^o to +85 ^o C	-40 ^o to +85 ^o C	-40 ^o to +85 ^o C	-40 ^o to +85 ^o C	-40 ^o to +85 ^o C
Bearing type	Sintered Bronze sleeve	Sintered Bronze sleeve	Sintered Bronze sleeve	Sintered Bronze sleeve	Sintered Bronze sleeve	Sintered Bronze sleeve
Insulation resistance at 500 Vdc	100 M?	100 M?	100 M?	100 M?	100 M?	100 M?
Weight (grams)	440	440	440	440	440	440
Leadwires	20 AWG	20 AWG	20 AWG	20 AWG	20 AWG	20 AWG

Dimensional drawing

