



35L SERIES SYNCHRONOUS MOTOR

Technical Specifications

Part Number		35L250B3A	35L250B5A	35L250B7A
Ac operating voltage	(vac)	24.0	120.0	240.0
Frequency	(Hz)	50.0	50.0	50.0
Speed	(rpm)	250.0	250.0	250.0
Direction of rotation	-	Reversible	Reversible	Reversible
Synchronous torque	(oz-in / mNm)	1.50 / 10.59	1.50 / 10.59	1.50 / 10.59
Capacitance	(μ F)	3.3	0.15	0.039
Rotor moment of inertia	(oz-in-s ² / g-cm ²)		0.0219 / 4	
Weight	(lbs / g)		0.1938 / 88	
Leadwires			AWG 26, UL 1430	
Ambient temperature range	Operating	(°C)	-20 ~ +70	
	Storage	(°C)	-40 ~ +85	
Bearing type		Sintered Bronze Sleeve		
Insulation resistance at 500vdc	(Mohms)	100		
Dielectric withstanding voltage	(vac)	1250 \pm 50 VRMS, 2 seconds		
Temperature class, max	(°C)	B(130°C)		
RoHS		Compliant		

All motor data values at 25°C unless otherwise specified

35L SERIES SYNCHRONOUS MOTOR

Technical Specifications

Part Number		35L300B3A	35L300B5A	35L300B7A
Ac operating voltage	(vac)	24.0	120.0	240.0
Frequency	(Hz)	60.0	60.0	60.0
Speed	(rpm)	300.0	300.0	300.0
Direction of rotation	-	Reversible	Reversible	Reversible
Synchronous torque	(oz-in / mNm)	1.50 / 10.59	1.50 / 10.59	1.50 / 10.59
Capacitance	(μ F)	3.3	0.15	0.039
Rotor moment of inertia	(oz-in-s ² / g-cm ²)		0.0219 / 4	
Weight	(lbs / g)		0.1938 / 88	
Leadwires			AWG 26, UL 1430	
Ambient temperature range	Operating	(°C)	-20 ~ +70	
	Storage	(°C)	-40 ~ +85	
Bearing type		Sintered Bronze Sleeve		
Insulation resistance at 500vdc	(Mohms)	100		
Dielectric withstanding voltage	(vac)	1250 \pm 50 VRMS, 2 seconds		
Temperature class, max	(°C)	B(130°C)		
RoHS		Compliant		

All motor data values at 25°C unless otherwise specified