

Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC6N002-9		184T	
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output	
Frame Material Cast Iron		Mounting F1/F2		2		Hp	
All Data Below based on 460V @ 60hz				VFD Duty Variable torque 10:1 Constant torque 5:1		Supply	
Item No.				L.R. PF		460	
Sales order / Line no.				0.436		V	
Account No.				Amps		Connection type	
Load (Hp)				Full		Y	
Efficiency				3/4			
Power Factor				1/2			
Amps (Ia) at 460V				1183			
Speed (rpm)				1187			
Speed / Torque Curve				N.L. amps		Hertz	
				0.9		60	
				N.L. PF		Poles/rpm	
FLT (Mn)				0.2		6 / 1200	
LRT (DOL) (Ma/Mn)				Duty		Cooling Code	
LRT (DOL) 80% V				S1		TEFC/IC411	
PUT (Ms/Mn)				Efficiency		Temperature rise Class	
POT (Mk/Mn)				PREMIUM		B	
				Insulation		Phase	
				F		3	
				Service Factor		cos Ø	
				1.15		0.73	
				Noise pressure level at 1m no load		IP	
				56		55	
				DE bearing Ref.		dB(A)	
				6206/C3			
				NDE bearing Ref.			
				6206/C3			
				Lubrication grease			
				Lubrication interval (hrs)			
				DE 8760			
				NDE 8760			
				Rotor inertia			
				0.018		kgm/sq	
				Vibration levels less than			
				1.8		mm/sec	
				Shaft details			
				Ø		1.125" x 2.75" LONG EXT'N	
				T.Box entry			
				0.75"-14NPT			
				Motor weight (Approx. net)			
				136.71		lb	
Speed / Current Curve				L.R. Time hot			
				23.6		secs	
				L.R. Time cold		57.9	
LRC (DOL) (Ia/In)				A.R.T. 100% Volts			
7.9				23.6		secs	
FLC				A.R.T. 80% Volts			
69.3				44.1		secs	
amps				Number of terminals			
				3 wire			
				NEMA Design letter			
				L			
				Maximum volts drop at start:			
				20%			
				Maximum Altitude			
				3300		ft	
				Ambient temp range			
				-20 - 40		°C	
				Thermal time constant			
				90 Minutes			
				Direction of rotation			
				CW/CCW/BI			
				Winding thermistors fitted			
				As Option		°F	
				Winding thermostats fitted			
				As Option		°F	
				Anti condensation heaters			
				1/120V/60W		Volts	
				Drawing number			
				1AP.050.0390.6WXY			
				Certifying Authority			
				CSA (C=US)			
				Certificate No.			
				Marking			
				 Class 1 Div 2 Grps A,B,C,D			
Remarks							

