

# Motor Data Sheet

Supplied To.				Type Code <i>MC6N1.5-9</i>		Frame Ref. 182T																					
Manufacturing Standard <i>NEMA MG-1, IEEE841</i>				Starting Method		Output 1.5 Hp																					
Frame Material <i>Cast Iron</i>		Mounting <i>F1/F2</i>		Supply 460 V		Connection type Y																					
All Data Below based on 460V @ 60hz				VFD Duty <i>Variable torque 10:1 Constant torque 5:1</i>		L.R. PF 0.45																					
Item No.				Sales order / Line no.		Amps @460V 2.1																					
Account No.				L.R. PF 0.45		Hertz 60																					
Load (Hp)		Full	3/4	1/2	N.L. amps 0.7		Poles/rpm 6 / 1200																				
Efficiency		87.5	87	84.5	N.L. PF 0.2		Cooling Code TEFC/IC411																				
Power Factor		0.71	0.71	0.69	Efficiency <i>PREMIUM</i>		Insulation <i>F</i>																				
Amps (Ia) at 460V		2.1	1.7	1.2	Phase 3		Service Factor 1.15																				
Speed (rpm)		1183	1187	1191	cos Ø 0.71		IP 55																				
Speed / Torque Curve				Duty <i>S1</i>		Temperature rise Class <i>B</i>																					
				Noise pressure level at 1m no load 56 dB(A)		DE bearing Ref. 6206/C3																					
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Remarks				A.R.T. 80% Volts 47.7 secs		Number of terminals 3 wire																					
				NEMA Design letter <i>M</i>		Maximum volts drop at start: 20%																					
				Maximum Altitude 3300 ft		Ambient temp range -20 - 40 °C																					
				Thermal time constant 90 Minutes		Direction of rotation <i>CW/CCW/BI</i>																					
				Winding thermistors fitted <i>As Option</i>		Winding thermostats fitted <i>As Option</i>																					
				Anti condensation heaters 1/120V/60W Volts		Drawing number <i>1AP.050.0390.5WXY</i>																					
				Certifying Authority <i>CSA (C=US)</i>		Certificate No.																					
				Marking  <i>Class 1 Div 2 Grps A,B,C,D</i>																							

