

Motor Data Sheet

Supplied To.				Frame Ref. 10-TDA90S							
Item No. 090B225081				Output 1.50 kW		Volts 230					
Sales order / Line no.				Hertz 50		Amps 9.03					
Account No.				Rev/min 2800		Poles 2					
Load (kW) 1.50		-		Duty S1		Cooling Code IC411					
Efficiency 75.0		-		Efficiency 75.0%		Connection Diagram LD902					
Power Factor 0.95		-		Phase 1		Insulation F					
Amps (I _a) 9.2		-		cos Ø 0.95		IP 55					
Speed (rpm) 2800		-		Noise pressure level at 1m on no load - dB(A)							
N.L. amps 2.0		-		DE bearing & oilseal 6205ZZ		FACE SEAL					
<p>Speed / Torque Curve</p>				NDE bearing & oilseal 6205ZZ		FACE SEAL					
				Lubrication grease Lithium							
				Lubrication DE - hrs		-		gms		-	
				Interval NDE - hrs		-		gms		-	
				Radial air gap - mm							
				Rotor inertia 0.0029		kgm/sq		Vibration levels less than 1.6 mm/sec			
				Shaft details Ø 24 x 50mm		LONG EXT'N		T.Box entry 2 x CM20			
				Mounting FOOT, HORIZONTAL (IM1001) (B3)							
				Motor weight (Approx. net) 16.8		kg		FLT (M _n) 5.1 Nm			
				L.R. Time hot -		secs		LRT (DOL) (M _a /M _n) 1.8 FLT 9.2 Nm			
				L.R. Time cold -		secs		POT (M _k /M _n) 1.6 FLT 8.2 Nm			
				A.R.T. 100% Volts 8.0		secs		Speed / Current Curve			
				Allowable "start-seconds" per hour 20.0		secs					
				Winding Connection CAPACITOR START - CAPACITOR RUN		-					
				Maximum volts drop at start: 20%		-					
Max. ambient temp. 40		°C									
Thermal time constant 0.33		hrs									
Direction of rotation CLOCKWISE AT DRIVE END		-									
Winding thermistors fitted -		°C									
Winding thermostats fitted -		°C									
Anti condensation heaters -		Volts									
- -		Watts									
Certifying Authority n/a		-		LRC (DOL) (I _a /I _n) 5.5 FLC 50.3 amps							
Certificate No. n/a		-		Remarks							
Marking n/a		-		NAMEPLATE ALSO STAMPED 1.8kW AT 276/1/60							
Capacitor detail: 200uF/250V & 40uF/450V		-		-							
Relay detail: RECS-220P		-		-							