

Motor Data Sheet

Supplied To.				Frame Ref. 10-TDA90L			
Item No. 090B225266				Output 2.20 kW		Volts 230	
Sales order / Line no.				Hertz 50		Amps 13.08	
Account No.				Rev/min 2800		Poles 2	
Load (kW)	2.20	-	-	Duty S1		Cooling Code IC411	
Efficiency	76.0	-	-				
Power Factor	0.95	-	-	Efficiency 76.0%		Connection Diagram LD902	
Amps (I _a)	13.2	-	-				
Speed (rpm)	2800	-	-	Phase 1 Insulation F cos Ø 0.95 IP 55			
N.L. amps	1.8	-	-				
Speed / Torque Curve				Noise pressure level at 1m on no load - dB(A)			
				DE bearing & oilseal 6205ZZ FACE SEAL			
				NDE bearing & oilseal 6205ZZ FACE SEAL			
				Lubrication grease Lithium			
				Lubrication DE - hrs - gms			
				Interval NDE - hrs - gms			
				Radial air gap - mm			
				Rotor inertia 0.0055 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) 19.7 kg			
FLT (M _n) 7.5 Nm				L.R. Time hot - secs			
LRT (DOL) (M _a /M _n) 1.7 FLT 12.8 Nm				L.R. Time cold - secs			
POT (M _k /M _n) 1.6 FLT 12.0 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			
Certificate No. n/a							
Marking n/a							
Capacitor detail: 300uF/250V & 40uF/450V							
Relay detail: RECS-220P							
LRC (DOL) (I _a /I _n) 5.5 FLC 72.9 amps				Remarks			
NAMEPLATE ALSO STAMPED 2.64kW AT 276/1/60				-			
-				-			
-				-			