

Motor Data Sheet

Supplied To.				Frame Ref. 10-TDA71M1			
				Output 0.25 kW		Volts 230	
				Hertz 50		Amps 1.94	
				Rev/min 1370			
Item No. 071B185297				Poles 4			
Sales order / Line no.				Duty S1			
Account No.				Cooling Code IC411			
Load (kW)	0.25	-	-	Efficiency 61.0%			
Efficiency	61.0	-	-	Connection Diagram LD902			
Power Factor	0.92	-	-	Phase 1			
Amps (Ia)	1.9	-	-	Insulation F			
Speed (rpm)	1370	-	-	cos Ø 0.92			
N.L. amps	1.2	-	-	IP 55			
Speed / Torque Curve				Noise pressure level at 1m on no load - dB(A)			
				DE bearing & oilseal 6202ZZ FACE SEAL			
				NDE bearing & oilseal 6202ZZ FACE SEAL			
				Lubrication grease Lithium			
				Lubrication DE - hrs - gms			
				Interval NDE - hrs - gms			
FLT (Mn) 1.7 Nm				Radial air gap - mm			
LRT (DOL) (Ma/Mn) 1.7 FLT 3.0 Nm				Rotor inertia 0.0008 kgm/sq			
POT (Mk/Mn) 1.6 FLT 2.8 Nm				Vibration levels less than 1.6 mm/sec			
Speed / Current Curve				Shaft details Ø 14 x 30mm LONG EXT'N			
				T.Box entry 1 x CM20			
				Mounting FOOT, HORIZONTAL (IM1001) (B3)			
				Motor weight (Approx. net) 7.2 kg			
L.R. Time hot - secs				Allowable "start-seconds" per hour 20.0 secs			
L.R. Time cold - secs				Winding Connection CAPACITOR START - CAPACITOR RUN			
A.R.T. 100% Volts 8.0 secs				Maximum volts drop at start: 20%			
Max. ambient temp. 40 °C				Thermal time constant 0.5 hrs			
Direction of rotation CLOCKWISE AT DRIVE END				Winding thermistors fitted - °C			
Winding thermostats fitted - °C				Anti condensation heaters - Volts			
Certifying Authority n/a				Watts			
Certificate No. n/a				Capacitor detail: 50uF/250V & 12uF/450v			
Marking n/a				Relay detail: RECS-205P			
LRC (DOL) (Ia/In) 5.0 FLC 9.7 amps				Remarks			
NAMEPLATE ALSO STAMPED 0.3kW AT 276/1/60				-			
-				-			
-				-			