

Motor Data Sheet

Supplied To.				Frame Ref. 10-TDA71M1			
				Output 0.37 kW		Volts 230	
				Hertz 50		Amps 2.53	
				Rev/min 2760			
Item No. 071B185295				Poles 2			
Sales order / Line no.				Duty S1			
Account No.				Cooling Code IC411			
Load (kW)	0.37	-	-	Efficiency 67.0%			
Efficiency	67.0	-	-	Connection Diagram LD902			
Power Factor	0.95	-	-	Phase 1			
Amps (Ia)	2.5	-	-	Insulation F			
Speed (rpm)	2760	-	-	cos Ø 0.95			
N.L. amps	0.7	-	-	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) 1.3 Nm				Radial air gap - mm			
LRT (DOL) (Ma/Mn) 1.8 FLT 2.3 Nm				Rotor inertia 0.0075 kgm/sq			
POT (Mk/Mn) 1.6 FLT 2.0 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)			
LRC (DOL) (Ia/In) 5.0 FLC 12.6 amps				Motor weight (Approx. net) 7.0 kg			
Remarks				L.R. Time hot - secs			
NAMEPLATE ALSO STAMPED 0.44kW AT 276/1/60				L.R. Time cold - secs			
-				A.R.T. 100% Volts 8.0 secs			
-				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: 100uF/250V & 14uF/450V			
				Relay detail: RECS-205P			