

# Motor Data Sheet

Supplied To.				Frame Ref. 10-TDA71M2							
Item No. 071B185237				Output 0.37 kW		Volts 230					
Sales order / Line no.				Hertz 50		Amps 2.69					
Account No.				Rev/min 1370		Poles 4					
Load (kW) 0.37		-		Duty S1		Cooling Code IC411					
Efficiency 65.0		-		Efficiency 65.0%							
Power Factor 0.95		-		Connection Diagram LD902							
Amps (I <sub>a</sub> ) 2.6		-		Phase 1		Insulation F					
Speed (rpm) 1370		-		cos Ø 0.95		IP 55					
N.L. amps 1.4		-		Noise pressure level at 1m on no load - dB(A)							
<p>Speed / Torque Curve</p>				DE bearing & oilseal 6202ZZ		FACE SEAL					
				NDE bearing & oilseal 6202ZZ		FACE SEAL					
				Lubrication grease Lithium							
				Lubrication DE - hrs		-		gms			
				Interval NDE - hrs		-		gms			
				Radial air gap		-		mm			
				Rotor inertia		0.0013		kgm/sq			
				Vibration levels less than		1.6		mm/sec			
				Shaft details		Ø 14 x 30mm		LONG EXT'N			
				T.Box entry		1 x CM20					
				Mounting		FOOT, HORIZONTAL (IM1001) (B3)					
				Motor weight (Approx. net)		8.0		kg			
				FLT (M <sub>n</sub> ) 2.6 Nm		L.R. Time hot - secs					
				LRT (DOL) (M <sub>a</sub> /M <sub>n</sub> ) 1.7 FLT 4.4 Nm		L.R. Time cold - secs					
				POT (M <sub>k</sub> /M <sub>n</sub> ) 1.6 FLT 4.1 Nm		A.R.T. 100% Volts 8.0 secs					
<p>Speed / Current Curve</p>				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 0.5 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 & 16uF/450V											
Relay detail: RECS-205P											
LRC (DOL) (I <sub>a</sub> /I <sub>n</sub> ) 5.0 FLC 13.0 amps											
Remarks NAMEPLATE ALSO STAMPED 0.44kW AT 276/1/60											
-											
-											
-											