

Motor Data Sheet

Supplied To.				Frame Ref. 10-TDA71M1			
Item No. 071B185295				Output 0.37 kW		Volts 230	
Sales order / Line no.				Hertz 50		Amps 2.53	
Account No.				Rev/min 2760		Poles 2	
Load (kW)	0.37	-	-	Duty S1		Cooling Code IC411	
Efficiency	67.0	-	-				
Power Factor	0.95	-	-	Efficiency 67.0%		Connection Diagram LD902	
Amps (I _a)	2.5	-	-				
Speed (rpm)	2760	-	-	Phase 1 Insulation F cos Ø 0.95 IP 55			
N.L. amps	0.7	-	-				
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			
				Radial air gap - mm			
				Rotor inertia 0.0075 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) 7.0 kg			
FLT (M _n) 1.3 Nm				L.R. Time hot - secs			
LRT (DOL) (M _a /M _n) 1.8 FLT 2.3 Nm				L.R. Time cold - secs			
POT (M _k /M _n) 1.6 FLT 2.0 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: 100uF/250V & 14uF/450V							
Relay detail: RECS-205P							
LRC (DOL) (I _a /I _n) 5.0 FLC 12.6 amps				Remarks			
NAMEPLATE ALSO STAMPED 0.44kW AT 276/1/60				-			
-				-			
-				-			