

# Motor Data Sheet

Supplied To.				Frame Ref. 10-TDA80M1			
Item No. 080B205234				Output 0.75 kW		Volts 230	
Sales order / Line no.				Hertz 50		Amps 4.70	
Account No.				Rev/min 2800		Poles 2	
Load (kW)	0.75	-	-	Duty S1		Cooling Code IC411	
Efficiency	72.0	-	-				
Power Factor	0.95	-	-	Efficiency 72.0%		Connection Diagram LD902	
Amps (Ia)	4.8	-	-				
Speed (rpm)	2800	-	-	Phase 1		Insulation F	
N.L. amps	1.0	-	-				
Speed / Torque Curve				cos Ø 0.95		IP 55	
				Noise pressure level at 1m on no load - dB(A)			
				DE bearing & oilseal 6204ZZ		FACE SEAL	
				NDE bearing & oilseal 6204ZZ		FACE SEAL	
Lubrication grease Lithium				Lubrication DE - hrs		- gms	
Interval NDE - hrs						- gms	
Radial air gap -						mm	
Rotor inertia 0.0012						kgm/sq	
Vibration levels less than 1.6						mm/sec	
Shaft details Ø 19 x 40mm						LONG EXT'N	
T.Box entry 1 x CM20							
Mounting FOOT, HORIZONTAL (IM1001) (B3)							
Motor weight (Approx. net) 11.2						kg	
FLT (Mn) 2.6 Nm				L.R. Time hot -		secs	
LRT (DOL) (Ma/Mn) 1.8 FLT 4.6 Nm				L.R. Time cold -		secs	
POT (Mk/Mn) 1.6 FLT 4.1 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: 150uF/250V & 25uF/450V							
Relay detail: RECS-220P							
LRC (DOL) (Ia/In) 5.5 FLC 26.2 amps							
Remarks NAMEPLATE ALSO STAMPED 0.9kW AT 276/1/60							
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