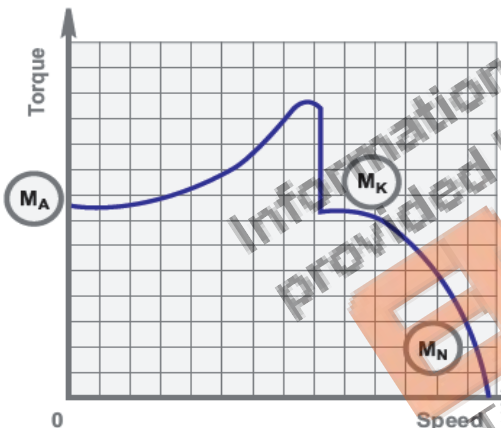
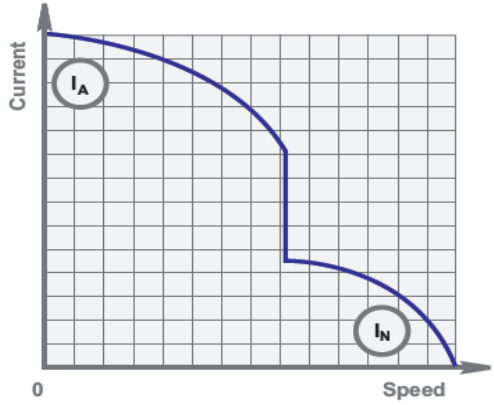


# Motor Data Sheet

Supplied To.				Frame Ref. 10-TDA90L			
Item No. 090B225226				Output 1.50 kW		Volts 230	
Sales order / Line no.				Hertz 50		Amps 9.15	
Account No.				Rev/min 1400		Poles 4	
Load (kW) 1.50		-		Duty S1		Cooling Code IC411	
Efficiency 73.0		-		Efficiency 73.0%		Connection Diagram LD902	
Power Factor 0.95		-		Phase 1		Insulation F	
Amps (I <sub>a</sub> ) 9.4		-		cos Ø 0.95		IP 55	
Speed (rpm) 1400		-		Noise pressure level at 1m on no load - dB(A)			
N.L. amps 2.0		-		DE bearing & oilseal 6205ZZ		FACE SEAL	
Speed / Torque Curve 				NDE bearing & oilseal 6205ZZ		FACE SEAL	
				Lubrication grease Lithium			
Lubrication DE - hrs - gms				Lubrication Interval NDE - hrs - gms			
Radial air gap - mm				Rotor inertia 0.0027 kgm/sq			
Vibration levels less than 1.6 mm/sec				Shaft details Ø 24 x 50mm LONG EXT'N			
T.Box entry 2 x CM20				Mounting FOOT, HORIZONTAL (IM1001) (B3)			
Motor weight (Approx. net) 19.8 kg				FLT (M <sub>n</sub> ) 10.2 Nm			
L.R. Time hot - secs				LRT (DOL) (M <sub>a</sub> /M <sub>n</sub> ) 1.7 FLT 17.4 Nm			
L.R. Time cold - secs				POT (M <sub>k</sub> /M <sub>n</sub> ) 1.6 FLT 16.4 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 0.5 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: 250uF/250V & 40uF/450V			
Relay detail: RECS-220P				LRC (DOL) (I <sub>a</sub> /I <sub>n</sub> ) 5.0 FLC 47.0 amps			
Remarks NAMEPLATE ALSO STAMPED 1.8kW AT 276/1/60							