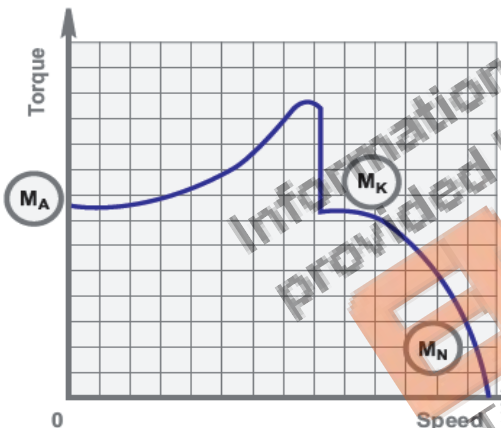
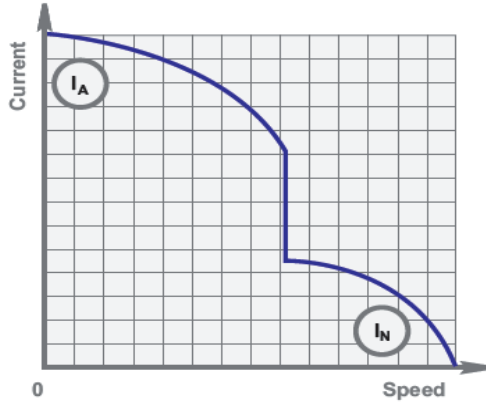


# Motor Data Sheet

Supplied To.				Frame Ref. 10-TDA100L2			
Item No. 100B245252				Output 3.00 kW		Volts 230	
Sales order / Line no.				Hertz 50		Amps 17.60	
Account No.				Rev/min 1400		Poles 4	
Load (kW) 3.00		-		Duty S1		Cooling Code IC411	
Efficiency 77.0		-		Efficiency 77.0%		Connection Diagram LD902	
Power Factor 0.95		-		Phase 1		Insulation F	
Amps (Ia) 17.8		-		cos Ø 0.95		IP 55	
Speed (rpm) 1400		-		Noise pressure level at 1m on no load - dB(A)			
N.L. amps 4.5		-		DE bearing & oilseal 6206ZZ FACE SEAL			
Speed / Torque Curve 				NDE bearing & oilseal 6206ZZ FACE SEAL			
				Lubrication grease Lithium			
FLT (Mn) 20.5 Nm				Lubrication DE - hrs - gms			
LRT (DOL) (Ma/Mn) 1.7 FLT 34.8 Nm				Interval NDE - hrs - gms			
POT (Mk/Mn) 1.6 FLT 32.7 Nm				Radial air gap - mm			
Speed / Current Curve 				Rotor inertia 0.0067 kgm/sq			
				Vibration levels less than 1.6 mm/sec			
Remarks NAMEPLATE ALSO STAMPED 3.6kW AT 276/1/60				Shaft details Ø 28 x 60mm LONG EXT'N			
-				T.Box entry 1 x CM25			
-				Mounting FOOT, HORIZONTAL (IM1001) (B3)			
-				Motor weight (Approx. net) 29.0 kg			
-				L.R. Time hot - secs			
-				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 0.5 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			
LRC (DOL) (Ia/In) 5.0 FLC 89.2 amps				Capacitor detail: 500uF/250V & 60uF/450V			
				Relay detail: RECS-240P			