

Motor Data Sheet

Supplied To.				Frame Ref. 10-TDA90S							
Item No. 090B225224				Output 1.10 kW	Volts 230						
Sales order / Line no.				Hertz 50	Amps 6.99						
Account No.				Rev/min 1400	Poles 4						
Load (kW)	1.10	-	-	Duty S1	Cooling Code IC411						
Efficiency	71.0	-	-								
Power Factor	0.95	-	-	Efficiency 71.0%	Connection Diagram LD902						
Amps (Ia)	7.1	-	-								
Speed (rpm)	1400	-	-	Phase 1 Insulation F cos Ø 0.95 IP 55							
N.L. amps	1.9	-	-	Noise pressure level at 1m on no load - dB(A)							
Speed / Torque Curve 											
						DE bearing & oilseal 6205ZZ		FACE SEAL			
						NDE bearing & oilseal 6205ZZ		FACE SEAL			
						Lubrication grease Lithium					
						Lubrication	DE	-	hrs	-	gms
						Interval	NDE	-	hrs	-	gms
						Radial air gap				-	mm
						Rotor inertia				0.0023	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)				17.0	kg
						FLT (Mn)	7.5	Nm	L.R. Time hot - secs		
						LRT (DOL) (Ma/Mn)	1.7	FLT	12.8	Nm	L.R. Time cold - secs
						POT (Mk/Mn)	1.6	FLT	12.0	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 0.5 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: 200uF/250V & 40uF/450V											
Relay detail: RECS-220P											
LRC (DOL) (Ia/In)	5.0	FLC	35.5	amps							

Remarks
 NAMEPLATE ALSO STAMPED 1.32kW AT 276/1/60
 -
 -
 -