



TECHNICAL DATA SHEET

RATING AND BASIC DATA						
Quotation Ref:						
Motor Type	ALDA					
Type	Cage Rotor					
Material	Aluminium					
Output Power (kW)	3.00					
Power Supply Freq (Hz) (+/- 2%)	50					
No. of Poles	4					
Industry Standard	IEC 60034					
Efficiency Banding	IE3					
Enclosure	TEFC, IC411, IP55					
Mounting	IM1001, B3					
CONSTRUCTION						
Frame Size	100L					
Bearing Type DE / NDE	6206ZZC3		6206ZZC3			
Lubrication	Grease					
Grease Type	Multi Temp SRL					
Insulation Class	F					
Temperature rise by Resistance at S.F.1	B					
Vibration level	Grade A (IEC 60034-14)					
Estimated weight (kgs)	0					
SITE CONDITION						
Ambient temperature (deg C)	-15 min / 40 max					
Maximum Altitude (metre)	1000					
Area Classification	Safe					
Rating	Continuous S1					
Service factor	1.00					
Starting method	DOL					
PERFORMANCE DATA						
Full Load Speed (rpm)	1445					
Power Supply Voltage (V)(+5%)	380	400	415	660	690	
Full Load Current (FLC, A)	6.75	6.41	6.18	3.89	3.72	
Efficiency – 4/4 load (%)	87.7			87.7		
Efficiency – 3/4 load (%)	87.3			87.3		
Efficiency – 1/2 load (%)	86.6			86.6		
Efficiency – 1/4 load (%)	79.7			79.7		
Power Factor – 4/4 load (%)	77.00			77.00		
Power Factor – 3/4 load (%)	69.00			69.00		
Power Factor – 1/2 load (%)	55.00			55.00		
Power Factor – 1/4 load (%)	33.50			33.50		
Starting Current (%FLC) +20% IEC Tolerance	749			749		
Full Load Torque (Nm)	20			20		
Starting Current (%FLC) +20% IEC Tolerance	220			220		
Breakdown Torque (% FLT)	300			300		
ACCESSORIES						
Winding thermistors 3 pcs, 1 per phase	Included					
Space heater 230V	Space heater 230V					
PAINTING						
Specification	TECO Standard					
Finish Colour	RAL 7032					
Country of Origin						
Country of Origin	China					

All data is calculated and subject to confirmation in the event of an order.

All data is subject to IEC 60034 Tolerances.