



TECHNICAL DATA SHEET

RATING AND BASIC DATA						
Quotation Ref:						
Motor Type	ALDA					
Type	Cage Rotor					
Material	Aluminium					
Output Power (kW)	15.00					
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	160L					
Bearing Type DE / NDE	6309ZZC3				6307ZZC3	
Lubrication	Grease					
Grease Type	Multemp SRL					
Insulation Class	F					
Temperature rise by Resistance at S.F.1	B					
Vibration level	Grade A (IEC 60034-14)					
Estimated weight (kgs)	104					
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)	1460					
Power Supply Voltage (V)(+5%)	380	400	415	660	690	
Full Load Current (FLC, A)	29.3	27.8	26.8	16.9	16.1	
Efficiency – 4/4 load (%)	92.1			92.1		
Efficiency – 3/4 load (%)	92.5			92.5		
Efficiency – 1/2 load (%)	92.5			92.5		
Efficiency – 1/4 load (%)	89.0			89.0		
Power Factor – 4/4 load (%)	84.5			84.5		
Power Factor – 3/4 load (%)	81.0			81.0		
Power Factor – 1/2 load (%)	71.0			71.0		
Power Factor – 1/4 load (%)	49.0			49.0		
Starting Current (%FLC) +20% IEC Tolerance	759			759		
Full Load Torque (Nm)	98			98		
Starting Torque (%FLT)	250			250		
Breakdown Torque (% FLT)	300			300		
ACCESSORIES						
Winding thermistors 3 pcs, 1 per phase	Included					
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.