TECHNICAL DATA SHEET

RATING AND BASIC DATA						
Quotation Ref:	Contract					
Motor Type	ALDA					
Type	Cage Rotor					
Material	Aluminium					
Output Power (kW)	7.50					
Power Supply Freq (Hz) (+/- 2%)	50					
No. of Poles	4					
Industry Standard	IEC 60034					
Efficiency Banding	IE3					
Enclosure	TEFC, IC411, IP55					
Mounting	IM2001, B35					
CONSTRUCTION						
Frame Size	132M					
Bearing Type DE / NDE	6308ZZC3			6306ZZC3		
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)	60					
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)	1450					
Power Supply Voltage (V)(+-5%)	380	400	415	660	690	
Full Load Current (FLC, A)	14.6	13.8	13.3	8.4	8.0	
Efficiency – 4/4 load (%)	90.4			90.4		
Efficiency – 3/4 load (%)	91.3			91.3		
Efficiency – 1/2 load (%)	91.5			91.5		
Efficiency – 1/4 load (%)	88.9			88.9		
Power Factor – 4/4 load (%)	86.5			86.5		
Power Factor – 3/4 load (%)	82.5			82.5		
Power Factor – 1/2 load (%)	72.5			72.5		
Power Factor – 1/4 load (%)	51.5			51.5		
Starting Current (%FLC) +20% IEC Tolerance	679			679		
Full Load Torque (Nm)	49			49		
Starting Torque (%FLT)	240			240		
Breakdown Torque (% FLT)	270			270		
ACCESSORIES						
Winding thermistors 3 pcs, 1 per phase	Included					
PAINTING						
Specification	TECO Standard					
Finish Colour	RAL7032					
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.