TECHNICAL DATA SHEET

RATING AND BASIC DATA		
Quotation Ref:	-	
Motor Type	AEEVYY	
Type	Cage Rotor	
Material	Cast Iron	
Output Power (kW)	18,50	
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	180M	
Bearing Type DE / NDE	6311-C3/Z1	6211-C3/Z1
Lubrication	Grease	
Grease Type	Mobil POLYREX EM	
Insulation Class	F	
Temperature rise by Resistance at S.F.1	B	
Vibration level	Grade A (IEC 60034-14)	
Estimated weight (kgs)	180	
SITE CONDITION		
Ambient temperature (deg C)	-15 min / 40 max	
Maximum Altitude (metre)	1000	
Area Classification	Safe	
Rating	Continuous S1	
Service factor	1,00	
PERFORMANCE DATA		
Full Load Speed (rpm)	1470	
Power Supply Voltage (V)(+-5%)	400	
Full Load Current (FLC, A)	33,5	
Efficiency – 4/4 load (%)	92,6	
Efficiency – 3/4 load (%)	92,5	
Efficiency – 1/2 load (%)	91,3	
Power Factor – 4/4 load (%)	86,0	
Power Factor – 3/4 load (%)	82,0	
Power Factor – 1/2 load (%)	75,0	
Starting Current (%FLC) +20% IEC Tolerance	720	
Full Load Torque (Nm)	120,2	
Starting Torque (%FLT)	220	
Breakdown Torque (% FLT)	300	
ACCESSORIES		
Winding thermistors 3 pcs, 1 per phase		
PAINTING		
Specification	TECO Standard	
Finish Colour	Purple-Blue (Munsell 5PB 3/8)	
Country of Origin		
Country of Origin	China	

All data is subject to IEC 60034 Tolerances.