



TECHNICAL DATA SHEET

RATING AND BASIC DATA	
Quotation Ref:	-
Motor Type	AEEVYY
Type	Cage Rotor
Material	Cast Iron
Output Power (kW)	55,00
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	250M
Bearing Type DE / NDE	6314-C3/Z1 6313-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)	398
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)	1480
Power Supply Voltage (V)(+5%)	400
Full Load Current (FLC, A)	97,6
Efficiency – 4/4 load (%)	94,6
Efficiency – 3/4 load (%)	94,7
Efficiency – 1/2 load (%)	94,5
Power Factor – 4/4 load (%)	86,0
Power Factor – 3/4 load (%)	84,0
Power Factor – 1/2 load (%)	77,0
Starting Current (%FLC) +20% IEC Tolerance	740
Full Load Torque (Nm)	354,9
Starting Torque (%FLT)	220
Breakdown Torque (% FLT)	250
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.