# TECHNICAL DATA SHEET

| RATING AND BASIC DATA | | |
|---|---|---|
| Quotation Ref: | - | |
| Motor Type | AEEVYY | |
| Type | Cage Rotor | |
| Material | Cast Iron | |
| Output Power (kW) | 30,00 | |
| 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 | 200L | |
| Bearing Type DE / NDE | 6312-C3/Z1 | 6212-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) | 240 | |
| **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) | 1475 | |
| Power Supply Voltage (V)(+-5%) | 400 | |
| Full Load Current (FLC, A) | 53,8 | |
| Efficiency – 4/4 load (%) | 93,6 | |
| Efficiency – 3/4 load (%) | 93,0 | |
| Efficiency – 1/2 load (%) | 92,6 | |
| 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 | 720 | |
| Full Load Torque (Nm) | 194,2 | |
| 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.**