

Product Information Packet: Model No: E3AB3004225B30D41100, Catalog No:E3AB3004225B30D41100 Made in Italy E3AB30 Series, General Purpose Low Voltage IEC motor IE3, Flameproof, 55,00kW, 3 phase, 1488 RPM, D400/Y690V 50Hz, 225M Frame B3, 4 Poles, IC411, Higher Output Motor

## Nameplate Specifications

|                        |               |                            |                             |
|------------------------|---------------|----------------------------|-----------------------------|
| Output HP              | 75 Hp         | Output KW                  | 55.0 kW                     |
| Frequency              | 50 Hz         | Voltage                    | 400/690 V                   |
| Current                | 97.7 A        | Speed                      | 1488 rpm                    |
| Service Factor         | 1             | Phase                      | 3                           |
| Efficiency             | 94.6 %        | Power Factor               | 0.86                        |
| Duty                   | S1            | Insulation Class           | F                           |
| Frame                  | 225M          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6313          | Opp Drive End Bearing Size | 6313                        |
| UL                     | No            | CSA                        | No                          |
| CE                     | Yes           | IP Code                    | IP55                        |
| Number of Speeds       | 1             |                            |                             |

## Technical Specifications

|                       |                  |                       |                |
|-----------------------|------------------|-----------------------|----------------|
| Electrical Type       | Squirrel Cage    | Starting Method       | Direct On Line |
| Poles                 | 4                | Rotation              | Bi-Directional |
| Mounting              | B3               | Motor Orientation     | Horizontal     |
| Drive End Bearing     | Zz C3            | Opp Drive End Bearing | Zz C3          |
| Frame Material        | Cast Iron        | Shaft Type            | Keyed          |
| Overall Length        | 1125.00 mm       | Frame Length          | 535.00 mm      |
| Shaft Diameter        | 60.000 mm        | Shaft Extension       | 140 mm         |
| Assembly/Box Mounting | Top              |                       |                |
| Outline Drawing       | B3A04E8220021A01 | Connection Drawing    | SC-01-T-1v-1a  |

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