

PRODUCT-DETAILS

# 3GBA161410-ADDIN

## (3GBA161410-ADDIN)



| General Information  |                    |
|----------------------|--------------------|
| Product ID           | 3GBA161410-ADDIN   |
| ABB Type Designation | M2BAX 160MLA 2     |
| Catalog Description  | (3GBA161410-ADDIN) |

| Ordering                |                             |
|-------------------------|-----------------------------|
| ABB Type Designation    | M2BAX 160MLA 2              |
| Invoice Description     | M2BAX 160MLA 2              |
| Product Name            | 3-Phase squirrel cage motor |
| Product Type            | IBA3__M2BAX_IE3_CI          |
| Made To Order           | No                          |
| Minimum Order Quantity  | 1 piece                     |
| Order Multiple          | 1 piece                     |
| Selling Unit of Measure | piece                       |
| Country of Origin       | India (IN)                  |
| Customs Tariff Number   | 85015230                    |

| Electrical      |  |
|-----------------|--|
| Electrical Data |  |

| Conn                   | Temp Class | Freq  | Voltage | Power    | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN                     |
|------------------------|------------|-------|---------|----------|------------|---------|--------------|------------|-----------|---------------------------|
| D                      | --         | 50 Hz | 415 V   | 11.00 kW | 2935 r/min | 19.20 A | 0.870        | 91.20 %    | 36.00 N·m | 7.70                      |
| Temperature Class      |            |       |         |          |            |         |              |            |           | --                        |
| Default                |            |       |         |          |            |         |              |            |           |                           |
| Altitude               |            |       |         |          |            |         |              |            |           | 1000 m                    |
| Ambient Temperature    |            |       |         |          |            |         |              |            |           | 50 °C                     |
| IC Class               |            |       |         |          |            |         |              |            |           | IC411                     |
| IE Class Data (50 Hz)  |            |       |         |          |            |         |              |            |           | IE Class IE3              |
|                        |            |       |         |          |            |         |              |            |           | Full Load (100%) 91.2 %   |
|                        |            |       |         |          |            |         |              |            |           | Partial Load (75%) 91.5 % |
|                        |            |       |         |          |            |         |              |            |           | Partial Load (50%) 90.8 % |
| IP Class               |            |       |         |          |            |         |              |            |           | IP55                      |
| Insulation Class       |            |       |         |          |            |         |              |            |           | ICLF                      |
| Direction of Rotation  |            |       |         |          |            |         |              |            |           | Both sides                |
| Number of Poles (High) |            |       |         |          |            |         |              |            |           | 2                         |
| Two Speed Motor        |            |       |         |          |            |         |              |            |           | No                        |
| Type of Duty           |            |       |         |          |            |         |              |            |           | S1                        |
| Voltage Code           |            |       |         |          |            |         |              |            |           | D                         |

Mechanical

|                         |             |
|-------------------------|-------------|
| Frame Material          | Cast Iron   |
| Frame Size              | 160         |
| Bearing                 | 6209-2Z/C3  |
| Bearing NDE             | 6209-2Z/C3  |
| IM Class                | IMB3 IM1001 |
| Terminator Box Location | D-End top   |

Dimensions

|                       |                 |
|-----------------------|-----------------|
| Package Level 1 Units | 0 pallet (lift) |
| Product Net Weight    | 118 kg          |
| Gross Weight          | 128 kg          |

Environmental

|               |   |
|---------------|---|
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |
|---------------|---|

Classifications

|        |          |
|--------|----------|
| UNSPSC | 26101100 |
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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Cast Iron Motors

