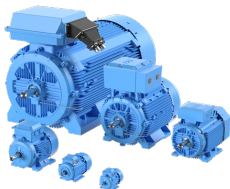




PRODUCT-DETAILS

3GBA161420-BDPCN

(3GBA161420-BDPCN)



| General Information | |
|----------------------|--------------------|
| Product ID | 3GBA161420-BDPCN |
| ABB Type Designation | M2BAF 160MLB 2 |
| Catalog Description | (3GBA161420-BDPCN) |

| Ordering | |
|-------------------------|-----------------------------|
| ABB Type Designation | M2BAF 160MLB 2 |
| Invoice Description | M2BAF 160MLB 2 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | CBF4__M2BAF_IE4_CI |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | China (CN) |
| Customs Tariff Number | 85015230 |

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

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|-----------|-------|
| Y | -- | 50 Hz | 660 V | 15.00 kW | 2941 r/min | 15.70 A | 0.900 | 93.30 % | 48.70 N·m | 9.90 |
| D | -- | 50 Hz | 380 V | 15.00 kW | 2941 r/min | 27.20 A | 0.900 | 93.30 % | 48.70 N·m | 9.80 |

| | |
|------------------------|---|
| Temperature Class | -- |
| Default | |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE4 Full Load (100%) 93.3 % Partial Load (75%) 93.6 % Partial Load (50%) 93.3 % |
| 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 | 6309-2Z/C3 |
| Bearing NDE | 6209-2Z/C3 |
| IM Class | IMB5 IM3001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|-----------------|
| Package Level 1 Units | 0 pallet (lift) |
| Product Net Weight | 149 kg |
| Gross Weight | 159 kg |

Classifications

| | |
|--------|----------|
| UNSPSC | 26101100 |
|--------|----------|

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors

