



PRODUCT-DETAILS

3GBA081310-ADC

M2BAX 80MA 2

General Information

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| Product ID | 3GBA081310-ADC |
| ABB Type Designation | M2BAX 80MA 2 |
| Catalog Description | M2BAX 80MA 2 |

Additional Information

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|-----------------------|---------------------------|
| ABB Type Designation | M2BAX 80MA 2 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6204-2Z/C3 |
| Bearing NDE | 6203-2Z/C3 |
| Country of Origin | China (CN) Poland (PL) |
| Customs Tariff Number | 85015100 |
| Direction of Rotation | Both sides |

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y | -- | 50 Hz | 690 V | 0.75 kW | 2843 r/min | 0.99 A | 0.810 | 77.40 % | 2.51 N·m | 6.20 |
| D | -- | 50 Hz | 400 V | 0.75 kW | 2843 r/min | 1.71 A | 0.810 | 77.40 % | 2.51 N·m | 6.20 |
| Y | -- | 50 Hz | 660 V | 0.75 kW | 2819 r/min | 1.00 A | 0.850 | 77.40 % | 2.51 N·m | 5.80 |
| D | -- | 50 Hz | 380 V | 0.75 kW | 2819 r/min | 1.73 A | 0.850 | 77.40 % | 2.56 N·m | 5.80 |
| D | -- | 60 Hz | 440 V | 0.75 kW | 3453 r/min | 1.52 A | 0.820 | 77.00 % | 2.09 N·m | 7.10 |
| D | -- | 60 Hz | 460 V | 0.75 kW | 3469 r/min | 1.52 A | 0.780 | 77.00 % | 2.08 N·m | 7.40 |

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|-----------------------|---|
| Gross Weight | 17 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 |
| IE Class Data (60 Hz) | IE Class IE3 Full Load (100%) 77.0 % Partial Load (75%) 74.3 % Partial Load (50%) 69.8 % |
| IM Class | IMB3 IM1001 |
| IP Class | IP55 |
| Insulation Class | ICLF |

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|------------------------------|--|
| Invoice Description | M2BAX 80MA 2 |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 2 |
| Order Multiple | 1 piece |
| Package Level 1 Units | 0 carton |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Weight | 14 kg |
| Product Type | EBA2__M2BAX_CI |
| Quote Only | No |
| Selling Unit of Measure | piece |
| Stocked At (Warehouses) | CSCNM |
| Temperature Class Default | -- |
| Terminator Box Location | D-End top |
| Two Speed Motor | No |
| Type of Duty | S1 |
| Voltage Code | D |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |