
PRODUCT-DETAILS

3GBA182410-ADC

M2BAX 180MLA 4



General Information

| | |
|----------------------|----------------|
| Product ID | 3GBA182410-ADC |
| ABB Type Designation | M2BAX 180MLA 4 |
| Catalog Description | M2BAX 180MLA 4 |

Additional Information

| | |
|-----------------------|---------------------------|
| ABB Type Designation | M2BAX 180MLA 4 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6210-2Z/C3 |
| Bearing NDE | 6209-2Z/C3 |
| Country of Origin | Poland (PL) China (CN) |
| Customs Tariff Number | 85015230 |
| 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 | 18.50 kW | 1470 r/min | 21.30 A | 0.790 | 91.20 % | 120.40 N-m | 8.50 |
| D | -- | 50 Hz | 400 V | 18.50 kW | 1470 r/min | 36.90 A | 0.790 | 91.20 % | 120.40 N-m | 8.50 |
| Y | -- | 50 Hz | 660 V | 18.50 kW | 1467 r/min | 21.60 A | 0.820 | 91.20 % | 120.80 N-m | 7.90 |
| D | -- | 50 Hz | 380 V | 18.50 kW | 1467 r/min | 37.50 A | 0.820 | 91.20 % | 120.80 N-m | 7.90 |
| D | -- | 60 Hz | 440 V | 18.50 kW | 1772 r/min | 32.50 A | 0.800 | 92.40 % | 99.99 N-m | 9.30 |
| D | -- | 60 Hz | 460 V | 18.50 kW | 1775 r/min | 32.30 A | 0.780 | 92.40 % | 99.82 N-m | 9.90 |

| | |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight | 166 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 91.2 % Partial Load (75%) 91.4 % Partial Load (50%) 90.5 % |
| IE Class Data (60 Hz) | IE Class IE2 Full Load (100%) 92.4 % Partial Load (75%) 91.9 % Partial Load (50%) 90.6 % |
| IM Class | IMB3 IM1001 |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Invoice Description | M2BAX 180MLA 4 |
| Lubrication | For life |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 4 |
| Order Multiple | 1 piece |
| Package Level 1 Units | 0 pallet (lift) |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Weight | 156 kg |
| Product Type | EBA2_M2BAX_CI |
| Quote Only | No |
| SCIP | d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI) |
| Selling Unit of Measure | piece |
| Standards | IEC 60034-1 |
| Starting of Motor | Direct Online |
| Stocked At (Warehouses) | Menden, Germany Shanghai, China |
| Temperature Class Default | -- |
| Terminator Box Location | D-End top |
| Two Speed Motor | No |
| Type of Duty | S1 |
| UNSPSC | 26101100 |
| Voltage Code | D |
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

