



PRODUCT-DETAILS

3GAR112360-ESE284
M3AR 112M 4

General Information

| | |
|----------------------|-------------------|
| Product ID | 3GAR112360-ESE284 |
| ABB Type Designation | M3AR 112M 4 |
| Catalog Description | M3AR 112M 4 |

Additional Information

| | |
|-----------------------|-------------|
| ABB Type Designation | M3AR 112M 4 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6206-2Z/C3 |
| Bearing NDE | 6206-2Z/C3 |
| Country of Origin | Poland (PL) |
| Customs Tariff Number | 85015220 |
| Direction of Rotation | Both sides |

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y | -- | 50 Hz | 400 V | 5.50 kW | 1425 r/min | 11.30 A | 0.830 | 84.50 % | 36.80 N·m | 7.10 |
| D | -- | 50 Hz | 230 V | 5.50 kW | 1425 r/min | 19.70 A | 0.830 | 84.50 % | 36.80 N·m | 7.10 |
| Y | -- | 60 Hz | 460 V | 5.50 kW | 1736 r/min | 9.90 A | 0.820 | 85.00 % | 30.20 N·m | 8.20 |

| | |
|------------------------|--|
| Frame Material | Aluminum |
| Frame Size | 112 |
| Gross Weight | 52 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class NA Full Load (100%) 84.5 % Partial Load (75%) 83.5 % Partial Load (50%) 83.6 % |
| IE Class Data (60 Hz) | IE Class NA Full Load (100%) 85.0 % Partial Load (75%) 85.3 % Partial Load (50%) 82.6 % |
| IM Class | IMB5 IM3001 |
| Insulation Class | ICLF |
| Invoice Description | M3AR 112M 4 |
| IP Class | IP55 |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 4 |

| | |
|-------------------------------|--|
| Order Multiple | 1 piece |
| Package Level 1 Units | 0 carton |
| Pre Modified Motor Product ID | 3GAR112360-ESE |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Weight | 47 kg |
| Product Type | AR Aluminium Brake Motor |
| Quote Only | No |
| Replaced Product ID (OLD) | 3GAR112452-ESE |
| Replacement Product ID (NEW) | 3GAR112360-ESE |
| Selling Unit of Measure | piece |
| Temperature Class Default | -- |
| Terminator Box Location | D-End top |
| Two Speed Motor | No |
| Type of Duty | S1 |
| UNSPSC | 26101100 |
| Voltage Code | S |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |