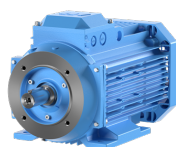


PRODUCT-DETAILS

3GAA091500-ASE436

M3AA 90L 2



General Information

| | |
|----------------------|-------------------|
| Product ID | 3GAA091500-ASE436 |
| ABB Type Designation | M3AA 90L 2 |
| Catalog Description | M3AA 90L 2 |

Additional Information

| | |
|-----------------------|-------------|
| ABB Type Designation | M3AA 90L 2 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6205-2Z/C3 |
| Bearing NDE | 6204-2Z/C3 |
| Country of Origin | Poland (PL) |
| Customs Tariff Number | 85015220 |

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y | -- | 50 Hz | 400 V | 1.50 kW | 2900 r/min | 2.90 A | 0.860 | 84.10 % | 4.90 N·m | 7.60 |
| D | -- | 50 Hz | 230 V | 1.50 kW | 2900 r/min | 5.04 A | 0.860 | 84.10 % | 4.90 N·m | 7.60 |
| Y | -- | 60 Hz | 460 V | 1.50 kW | 3510 r/min | 2.60 A | 0.840 | 85.10 % | 4.00 N·m | 8.40 |

| | |
|--------------|-------|
| Gross Weight | 19 kg |
| IC Class | IC411 |

| | |
|-------------------------------|---|
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 84.1 % Partial Load (75%) 85.0 % Partial Load (50%) 83.5 % |
| IE Class Data (60 Hz) | IE Class IE2 Full Load (100%) 85.1 % Partial Load (75%) 85.0 % Partial Load (50%) 82.9 % |
| IM Class | IMB3 IM1001 |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Invoice Description | M3AA 90L 2 |
| Lubrication | For life |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 2 |
| Order Multiple | 1 piece |
| Package Level 1 Units | 0 carton |
| Pre Modified Motor Product ID | 3GAA091500-ASE |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Weight | 16 kg |
| Product Type | 3AA2_M3AA_IE2_AA |
| Quote Only | No |
| Replaced Product ID (OLD) | 3GAA091312-ASET1 |
| Selling Unit of Measure | piece |
| Standards | IEC 60034-1 |
| Stocked At (Warehouses) | Menden, Germany |
| Temperature Class Default | -- |
| Terminator Box Location | 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) |

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

