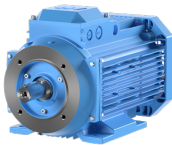




PRODUCT-DETAILS

3GAA098504-AHF
(3GAA098504-AHF)



| General Information | |
|----------------------|------------------|
| Product ID | 3GAA098504-AHF |
| ABB Type Designation | M3AA 90L 4/6 |
| Catalog Description | (3GAA098504-AHF) |

| Ordering | |
|---------------------------|---|
| ABB Type Designation | M3AA 90L 4/6 |
| Invoice Description | M3AA 90L 4/6 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | 3AA2__M3AA_IE2_AA |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | Finland (FI) Romania (RO) Poland (PL) |
| Customs Tariff Number | 85015220 |
| Replaced Product ID (OLD) | 3GAA098205-AHE |

Electrical

| Electrical Data | | | | | | | | | | |
|---------------------------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|--|
| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
| Y | -- | 50 Hz | 415 V | 1.50 kW | 1416 r/min | 3.40 A | 0.820 | 73.60 % | 10.10 N·m | 4.60 |
| Y | -- | 50 Hz | 415 V | 0.45 kW | 936 r/min | 1.70 A | 0.700 | 52.00 % | 4.60 N·m | 3.00 |
| Temperature Class Default | | | | | | | | | | -- |
| Altitude | | | | | | | | | | 1000 m |
| Ambient Temperature | | | | | | | | | | 40 °C |
| IC Class | | | | | | | | | | IC411 |
| IE Class Data (50 Hz) | | | | | | | | | | IE Class NA Full Load (100%) 52.0 % Partial Load (75%) 51.4 % Partial Load (50%) 45.9 % |
| IP Class | | | | | | | | | | IP55 |
| Insulation Class | | | | | | | | | | ICLF |
| Direction of Rotation | | | | | | | | | | Both sides |
| Number of Poles (High) | | | | | | | | | | 4 |
| Two Speed Motor | | | | | | | | | | Yes |
| Type of Duty | | | | | | | | | | S1 |
| Voltage Code | | | | | | | | | | H |

Mechanical

| | |
|-------------------------|-------------|
| Frame Material | Aluminum |
| Frame Size | 90 |
| Bearing | 6205-2Z/C3 |
| Bearing NDE | 6204-2Z/C3 |
| IM Class | IMB3 IM1001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Weight | 16 kg |
| Gross Weight | 19 kg |

Environmental

| | |
|---------------|--|
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| SCIP | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI) |

Classifications

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

Categories

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

