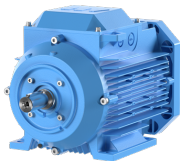


PRODUCT-DETAILS

3GAA132314-ASE

IE2 High Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA132314-ASE)



| General Information | |
|----------------------|---|
| Product ID | 3GAA132314-ASE |
| ABB Type Designation | M3AA 132MA 4 |
| Catalog Description | IE2 High Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA132314-ASE) |

| Ordering | |
|----------------------------|--|
| ABB Type Designation | M3AA 132MA 4 |
| Invoice Description | M3AA 132MA 4 |
| 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 | Spain (ES) China (CN) Sweden (SE) Poland (PL) |
| Customs Tariff Number | 85015220 |
| Stocked At (Warehouses) | Shanghai, China |

| | |
|--------------------|---|
| Medium Description | 7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA132314-ASE) |
| Short Description | 7.5kW, 4P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001 |

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y | -- | 50 Hz | 400 V | 7.50 kW | 1460 r/min | 14.70 A | 0.790 | 88.70 % | 49.00 N-m | 6.40 |
| D | -- | 50 Hz | 230 V | 7.50 kW | 1460 r/min | 25.70 A | 0.790 | 88.70 % | 49.00 N-m | 6.40 |
| Y | -- | 60 Hz | 460 V | 7.50 kW | 1764 r/min | 12.80 A | 0.810 | 89.50 % | 40.60 N-m | 7.50 |

| | |
|----------------------------------|---|
| Connection Configuration | Y |
| Temperature Class Default | -- |
| Input Voltage (U _{in}) | 400 V |
| Frequency (f) | 50 Hz |
| Output Power | 7.5 kW |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 88.7 % Partial Load (75%) 89.4 % Partial Load (50%) 88.9 % |
| IE Class Data (60 Hz) | IE Class IE2 Full Load (100%) 89.5 % Partial Load (75%) 89.6 % Partial Load (50%) 88.3 % |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Number of Poles (High) | 4 |
| Two Speed Motor | No |
| Type of Duty | S1 |
| Voltage Code | S |

Mechanical

| | |
|-------------------------|-------------|
| Frame Material | Aluminum |
| Frame Size | 132 |
| Bearing | 6208-2Z/C3 |
| Bearing NDE | 6206-2Z/C3 |
| Lubrication | For life |
| IM Class | IMB3 IM1001 |
| Terminator Box Location | Top |

Dimensions

| | |
|----------------------------|----------|
| Package Level 1 Units | 1 carton |
| Product Net Depth / Length | 447 mm |

| | |
|--------------------|----------|
| Product Net Height | 296 mm |
| Product Net Width | 262 mm |
| Product Net Weight | 59 kg |
| Gross Weight | 60.38 kg |

Environmental

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

Classifications

| | |
|-----------|-------------|
| Standards | IEC 60034-1 |
| UNSPSC | 26101100 |

Categories

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

