

Алматы (7273)495-231  
 Ангарск (3955)60-70-56  
 Архангельск (8182)63-90-72  
 Астрахань (8512)99-46-04  
 Барнаул (3852)73-04-60  
 Белгород (4722)40-23-64  
 Благовещенск (4162)22-76-07  
 Брянск (4832)59-03-52  
 Владивосток (423)249-28-31  
 Владикавказ (8672)28-90-48  
 Владимир (4922)49-43-18  
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 Вологда (8172)26-41-59  
 Воронеж (473)204-51-73  
 Екатеринбург (343)384-55-89

Иваново (4932)77-34-06  
 Ижевск (3412)26-03-58  
 Иркутск (395)279-98-46  
 Казань (843)206-01-48  
 Калининград (4012)72-03-81  
 Калуга (4842)92-23-67  
 Кемерово (3842)65-04-62  
 Киров (8332)68-02-04  
 Коломна (4966)23-41-49  
 Кострома (4942)77-07-48  
 Краснодар (861)203-40-90  
 Красноярск (391)204-63-61  
 Курск (4712)77-13-04  
 Курган (3522)50-90-47  
 Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13  
 Москва (495)268-04-70  
 Мурманск (8152)59-64-93  
 Набережные Челны (8552)20-53-41  
 Нижний Новгород (831)429-08-12  
 Новокузнецк (3843)20-46-81  
 Ноябрьск (3496)41-32-12  
 Новосибирск (383)227-86-73  
 Омск (3812)21-46-40  
 Орел (4862)44-53-42  
 Оренбург (3532)37-68-04  
 Пенза (8412)22-31-16  
 Петрозаводск (8142)55-98-37  
 Псков (8112)59-10-37  
 Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15  
 Рязань (4912)46-61-64  
 Самара (846)206-03-16  
 Санкт-Петербург (812)309-46-40  
 Саратов (845)249-38-78  
 Севастополь (8692)22-31-93  
 Саранск (8342)22-96-24  
 Симферополь (3652)67-13-56  
 Смоленск (4812)29-41-54  
 Сочи (862)225-72-31  
 Ставрополь (8652)20-65-13  
 Сургут (3462)77-98-35  
 Сыктывкар (8212)25-95-17  
 Тамбов (4752)50-40-97  
 Тверь (4822)63-31-35

Тольятти (8482)63-91-07  
 Томск (3822)98-41-53  
 Тула (4872)33-79-87  
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 Улан-Удэ (3012)59-97-51  
 Уфа (347)229-48-12  
 Хабаровск (4212)92-98-04  
 Чебоксары (8352)28-53-07  
 Челябинск (351)202-03-61  
 Череповец (8202)49-02-64  
 Чита (3022)38-34-83  
 Якутск (4112)23-90-97  
 Ярославль (4852)69-52-93

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## PRODUCT-DETAILS

# 3GAA061061-ASA

No Description Available

"No longer for sale" replaced by 3GAA061001-

### General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GAA061061-ASA           |
| ABB Type Designation | M1AA 63A 2               |
| Catalog Description  | No Description Available |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 63A 2   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6201-2Z/C3   |
| Bearing NDE           | 6201-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015100     |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 400 V   | 0.18 kW | 2800 r/min | 0.55 A  | 0.780        | 61.80 %    | 0.61 N·m | 4.20  |
| D    | --         | 50 Hz | 230 V   | 0.18 kW | 2800 r/min | 0.95 A  | 0.780        | 61.80 %    |          |       |
| Y    | --         | 60 Hz | 460 V   | 0.18 kW | 3385 r/min | 0.48 A  | 0.750        | 62.80 %    |          |       |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Size             | 63                                                                                                |
| Gross Weight           | 8 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE2<br>Full Load (100%) 61.8 %<br>Partial Load (75%) 62.8 %<br>Partial Load (50%) 59.4 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 62.8 %<br>Partial Load (75%) 63.8 %<br>Partial Load (50%) 60.5 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Number of Poles (High)       | 2                                                          |
| Order Multiple               | 1 piece                                                    |
| Package Level 1 Units        | 0 carton                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 5 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA061001-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA061062-ASA

## M1AA 63B 2

For sale but "Obsolete", replaced by

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### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA061062-ASA |
| ABB Type Designation | M1AA 63B 2     |
| Catalog Description  | M1AA 63B 2     |

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### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 63B 2   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6201-2Z/C3   |
| Bearing NDE           | 6201-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015100     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 0.25 kW | 2800 r/min | 1.21 A  | 0.800        |
| Y    | --         | 50 Hz | 400 V   | 0.25 kW | 2800 r/min | 0.70 A  | 0.800        |
| Y    | --         | 60 Hz | 460 V   | 0.25 kW | 3385 r/min | 0.62 A  | 0.770        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 63                                                                                                |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE2<br>Full Load (100%) 64.8 %<br>Partial Load (75%) 65.7 %<br>Partial Load (50%) 62.3 % |
| IE Class Data (60 Hz)  | IE Class NA<br>Full Load (100%) 65.8 %<br>Partial Load (75%) 66.8 %<br>Partial Load (50%) 63.4 %  |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 63B 2                                                                                        |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1_M1AA_IE1_AA                                           |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA061312-ASF                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Stocked At (Warehouses)      | Menden, Germany                                            |
| 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) |

PRODUCT-DETAILS

# 3GAA062062-ADA

## M1AA 63B 4

"No longer for sale" replaced by 3GAA062002-

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### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA062062-ADA |
| ABB Type Designation | M1AA 63B 4     |
| Catalog Description  | M1AA 63B 4     |

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### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 63B 4   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6201-2Z/C3   |
| Bearing NDE           | 6201-2Z/C3   |
| Country of Origin     | Romania (RO) |
| Customs Tariff Number | 85015100     |

### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 690 V   | 0.18 kW | 1380 r/min | 0.40 A  | 0.620        | 59.60 %    |          |       |
| D    | --         | 50 Hz | 400 V   | 0.18 kW | 1380 r/min | 0.70 A  | 0.620        | 59.60 %    | 1.25 N·m | 3.20  |
| D    | --         | 60 Hz | 460 V   | 0.18 kW | 1660 r/min | 0.63 A  | 0.560        | 64.10 %    |          |       |

---

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 63                                                                                                |
| Gross Weight           | 8 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 59.6 %<br>Partial Load (75%) 59.4 %<br>Partial Load (50%) 51.9 % |
| IE Class Data (60 Hz)  | IE Class NA<br>Full Load (100%) 64.1 %<br>Partial Load (75%) 64.0 %<br>Partial Load (50%) 55.9 %  |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 63B 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                                                                                          |
| Product Name           | 3-Phase squirrel cage motor                                                                       |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Net Weight           | 5 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA062002-ADE<br>3GAA062312-ADF                           |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Temperature Class Default    | --                                                         |
| Terminator Box Location      | D-End top                                                  |
| Two Speed Motor              | No                                                         |
| Type of Duty                 | S1                                                         |
| UNSPSC                       | 26101100                                                   |
| Voltage Code                 | D                                                          |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |

PRODUCT-DETAILS

# 3GAA071061-BSA

## M1AA 71A 2

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA071061-BSA |
| ABB Type Designation | M1AA 71A 2     |
| Catalog Description  | M1AA 71A 2     |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 71A 2   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6202-2Z/C3   |
| Bearing NDE           | 6202-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015100     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 0.37 kW | 2800 r/min | 1.85 A  | 0.800        |
| Y    | --         | 50 Hz | 400 V   | 0.37 kW | 2800 r/min | 1.07 A  | 0.800        |
| Y    | --         | 60 Hz | 460 V   | 0.37 kW | 3390 r/min | 0.92 A  | 0.770        |

|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                         |
| Frame Size             | 71                                                                                               |
| Gross Weight           | 0 kg                                                                                             |
| IC Class               | IC411                                                                                            |
| IE Class Data (50 Hz)  | IE Class NA<br>Full Load (100%) 65.7 %<br>Partial Load (75%) 66.7 %<br>Partial Load (50%) 63.2 % |
| IM Class               | IMB5 IM3001                                                                                      |
| Insulation Class       | ICLF                                                                                             |
| Invoice Description    | M1AA 71A 2                                                                                       |
| IP Class               | IP55                                                                                             |
| Made To Order          | No                                                                                               |
| Minimum Order Quantity | 1 piece                                                                                          |
| Number of Poles (High) | 2                                                                                                |
| Order Multiple         | 1 piece                                                                                          |
| Package Level 1 Units  | 0 carton                                                                                         |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Temperature Class<br>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) |



PRODUCT-DETAILS

# 3GAA072061-ADA

## M1AA 71A 4

"No longer for sale" replaced by 3GAA072001-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA072061-ADA |
| ABB Type Designation | M1AA 71A 4     |
| Catalog Description  | M1AA 71A 4     |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 71A 4   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6202-2Z/C3   |
| Bearing NDE           | 6202-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015100     |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 690 V   | 0.25 kW | 1390 r/min | 0.52 A  | 0.660        | 61.10 %    |          |       |
| D    | --         | 50 Hz | 400 V   | 0.25 kW | 1390 r/min | 0.90 A  | 0.660        | 61.10 %    | 1.72 N·m | 3.50  |
| D    | --         | 60 Hz | 460 V   | 0.25 kW | 1675 r/min | 0.80 A  | 0.610        | 64.30 %    |          |       |

|                       |                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------|
| Frame Material        | Aluminum                                                                                         |
| Frame Size            | 71                                                                                               |
| Gross Weight          | 10 kg                                                                                            |
| IC Class              | IC411                                                                                            |
| IE Class Data (50 Hz) | IE Class NA<br>Full Load (100%) 61.1 %<br>Partial Load (75%) 61.0 %<br>Partial Load (50%) 57.5 % |
| IE Class Data (60 Hz) | IE Class NA<br>Full Load (100%) 64.3 %<br>Partial Load (75%) 64.2 %<br>Partial Load (50%) 60.5 % |
| IM Class              | IMB3 IM1001                                                                                      |
| Insulation Class      | ICLF                                                                                             |
| Invoice Description   | M1AA 71A 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                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 7 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA072001-ADE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Temperature Class Default    | --                                                         |
| Terminator Box Location      | D-End top                                                  |
| Two Speed Motor              | No                                                         |
| Type of Duty                 | S1                                                         |
| UNSPSC                       | 26101100                                                   |
| Voltage Code                 | D                                                          |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |

PRODUCT-DETAILS

# 3GAA071062-ASA

## No Description Available

## "No longer for sale" replaced by 3GAA071002-

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### General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GAA071062-ASA           |
| ABB Type Designation | M1AA 71B 2               |
| Catalog Description  | No Description Available |

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### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 71B 2   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6202-2Z/C3   |
| Bearing NDE           | 6202-2Z/C3   |
| Country of Origin     | Türkiye (TR) |
| Customs Tariff Number | 85015100     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 0.55 kW | 2820 r/min | 2.40 A  | 0.840        |
| Y    | --         | 50 Hz | 400 V   | 0.55 kW | 2820 r/min | 1.40 A  | 0.840        |
| Y    | --         | 60 Hz | 460 V   | 0.55 kW | 3405 r/min | 1.20 A  | 0.810        |

|                              |                             |
|------------------------------|-----------------------------|
| Frame Material               | Aluminum                    |
| Frame Size                   | 71                          |
| Gross Weight                 | 0 kg                        |
| IC Class                     | IC411                       |
| IM Class                     | IMB3 IM1001                 |
| Insulation Class             | ICLF                        |
| IP Class                     | IP55                        |
| Made To Order                | No                          |
| Minimum Order Quantity       | 1 piece                     |
| Number of Poles (High)       | 2                           |
| Order Multiple               | 1 piece                     |
| Package Level 1 Units        | 0 carton                    |
| Product Name                 | 3-Phase squirrel cage motor |
| Product Net Weight           | 0 kg                        |
| Product Type                 | 1AA1_M1AA_IE1_AA            |
| Quote Only                   | No                          |
| Replacement Product ID (NEW) | 3GAA071002-ASE              |
| Selling Unit of Measure      | piece                       |
| Standards                    | IEC 60034-1                 |

PRODUCT-DETAILS

# 3GAA072062-ADA

## M1AA 71B 4

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA072062-ADA |
| ABB Type Designation | M1AA 71B 4     |
| Catalog Description  | M1AA 71B 4     |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 71B 4   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6202-2Z/C3   |
| Bearing NDE           | 6202-2Z/C3   |
| Country of Origin     | Türkiye (TR) |
| Customs Tariff Number | 85015100     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 400 V   | 0.37 kW | 1390 r/min | 1.15 A  | 0.690        |
| Y    | --         | 50 Hz | 690 V   | 0.37 kW | 1390 r/min | 0.66 A  | 0.690        |
| D    | --         | 60 Hz | 460 V   | 0.37 kW | 1675 r/min | 1.02 A  | 0.640        |

|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| Frame Size             | 71                                                                                               |
| Gross Weight           | 0 kg                                                                                             |
| IC Class               | IC411                                                                                            |
| IE Class Data (50 Hz)  | IE Class NA<br>Full Load (100%) 66.9 %<br>Partial Load (75%) 66.1 %<br>Partial Load (50%) 61.2 % |
| IE Class Data (60 Hz)  | IE Class NA<br>Full Load (100%) 71.2 %<br>Partial Load (75%) 70.4 %<br>Partial Load (50%) 65.3 % |
| IM Class               | IMB3 IM1001                                                                                      |
| Insulation Class       | ICLF                                                                                             |
| Invoice Description    | M1AA 71B 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                                                                                         |
| Product Name           | 3-Phase squirrel cage motor                                                                      |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1_M1AA_IE1_AA                                           |
| Quote Only                   | No                                                         |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Stocked At (Warehouses)      | Menden, Germany                                            |
| Temperature Class<br>Default | --                                                         |
| Terminator Box Location      | D-End top                                                  |
| Two Speed Motor              | No                                                         |
| Type of Duty                 | S1                                                         |
| UNSPSC                       | 26101100                                                   |
| Voltage Code                 | D                                                          |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |

PRODUCT-DETAILS

# 3GAA073062-ASA

## No Description Available

## Недоступно к продаже, заменено на

### Общая информация

|                                 |                          |
|---------------------------------|--------------------------|
| Идентификационный номер изделия | 3GAA073062-ASA           |
| Обозначение типа изделия АББ    | M1AA 71B 6               |
| Описание в каталоге             | No Description Available |

### Дополнительная информация

|                              |              |
|------------------------------|--------------|
| Обозначение типа изделия АББ | M1AA 71B 6   |
| Высота над уровнем моря      | 1000 m       |
| Температура окружающей среды | 40 °C        |
| Подшипник                    | 6202-2Z/C3   |
| Подшипник NDE                | 6202-2Z/C3   |
| Страна происхождения         | Turkiye (TR) |
| Номер таможенного тарифа     | 85015100     |
| Направление вращения         | Both sides   |

#### Электротехнические данные

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 0.25 kW | 910 r/min  | 1.55 A  | 0.630        |
| Y    | --         | 50 Hz | 400 V   | 0.25 kW | 910 r/min  | 0.90 A  | 0.630        |
| Y    | --         | 60 Hz | 460 V   | 0.25 kW | 1115 r/min | 0.87 A  | 0.570        |

|                       |                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------|
| Frame Material        | Aluminum                                                                                          |
| Типоразмер            | 71                                                                                                |
| Вес брутто            | 0 kg                                                                                              |
| Класс изоляции        | IC411                                                                                             |
| IE Class Data (50 Hz) | IE Class IE1<br>Full Load (100%) 60.1 %<br>Partial Load (75%) 60.5 %<br>Partial Load (50%) 58.3 % |

Full Load (100%) 63.3 %  
 Partial Load (75%) 63.7 %  
 Partial Load (50%) 61.4 %

|                                                                  |                                                            |
|------------------------------------------------------------------|------------------------------------------------------------|
| Класс IM                                                         | IMB3 IM1001                                                |
| Класс изоляции                                                   | ICLF                                                       |
| Класс IP                                                         | IP55                                                       |
| Сделан по заказу                                                 | Нет                                                        |
| Минимальный объем заказа                                         | 1 штука                                                    |
| Полюса (верхние)                                                 | 6                                                          |
| Заказать несколько                                               | 1 штука                                                    |
| Package Level 1 Units                                            | 0 carton                                                   |
| Название изделия                                                 | 3-Phase squirrel cage motor                                |
| Чистый вес изделия                                               | 0 kg                                                       |
| Тип изделия                                                      | 1AA1_M1AA_IE1_AA                                           |
| Только квотация                                                  | Нет                                                        |
| Идентификационный номер заменяющего изделия (новый номер)        | 3GAA073002-ASE                                             |
| Торговые единицы измерения                                       | штука                                                      |
| Стандарты                                                        | IEC 60034-1                                                |
| Запуск электродвигателя                                          | Direct Online                                              |
| Температурный класс по умолчанию                                 | --                                                         |
| Размещение клеммной коробки                                      | D-End top                                                  |
| Двухскоростной электродвигатель                                  | Нет                                                        |
| Режим работы                                                     | S1                                                         |
| Универсальная стандартная классификация товаров и услуг (UNSPSC) | 26101100                                                   |
| Код напряжения                                                   | S                                                          |
| WEEE Category                                                    | 5. Small Equipment (No External Dimension More Than 50 cm) |

PRODUCT-DETAILS

# 3GAA071063-ASA

## M1AA 71C 2

"No longer for sale" replaced by 3GAA071003-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA071063-ASA |
| ABB Type Designation | M1AA 71C 2     |
| Catalog Description  | M1AA 71C 2     |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 71C 2   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6202-2Z/C3   |
| Bearing NDE           | 6202-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 0.75 kW | 2815 r/min | 3.00 A  | 0.860        |
| Y    | --         | 50 Hz | 400 V   | 0.75 kW | 2815 r/min | 1.74 A  | 0.860        |
| Y    | --         | 60 Hz | 460 V   | 0.75 kW | 3405 r/min | 1.50 A  | 0.830        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 71                                                                                                |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 72.1 %<br>Partial Load (75%) 71.7 %<br>Partial Load (50%) 68.5 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 75.3 %<br>Partial Load (75%) 74.9 %<br>Partial Load (50%) 71.6 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 71C 2                                                                                        |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |



|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Number of Poles (High)       | 2                                                          |
| Order Multiple               | 1 piece                                                    |
| Package Level 1 Units        | 0 carton                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA071003-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

3GAA072063-ASA

M1AA 71C 4

"No longer for sale" replaced by 3GAA072003-

General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA072063-ASA |
| ABB Type Designation | M1AA 71C 4     |
| Catalog Description  | M1AA 71C 4     |

Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 71C 4   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6202-2Z/C3   |
| Bearing NDE           | 6202-2Z/C3   |
| Country of Origin     | Türkiye (TR) |
| Customs Tariff Number | 85015100     |
| Direction of Rotation | Both sides   |

Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 0.55 kW | 1400 r/min | 2.70 A  | 0.730        |
| Y    | --         | 50 Hz | 400 V   | 0.55 kW | 1400 r/min | 1.57 A  | 0.730        |
| Y    | --         | 60 Hz | 460 V   | 0.55 kW | 1705 r/min | 1.39 A  | 0.700        |

|                              |                             |
|------------------------------|-----------------------------|
| Frame Material               | Aluminum                    |
| Frame Size                   | 71                          |
| Gross Weight                 | 0 kg                        |
| IC Class                     | IC411                       |
| IM Class                     | IMB3 IM1001                 |
| Insulation Class             | ICLF                        |
| Invoice Description          | M1AA 71C 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                    |
| Product Name                 | 3-Phase squirrel cage motor |
| Product Net Weight           | 0 kg                        |
| Product Type                 | 1AA1_M1AA_IE1_AA            |
| Quote Only                   | No                          |
| Replacement Product ID (NEW) | 3GAA072003-ASE              |
| Selling Unit of Measure      | piece                       |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Temperature Class<br>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) |

PRODUCT-DETAILS

# 3GAA081061-ASA

## No Description Available

## "No longer for sale" replaced by 3GAA081001-

### General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GAA081061-ASA           |
| ABB Type Designation | M1AA 80A 2               |
| Catalog Description  | No Description Available |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 80A 2   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6204-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 0.75 kW | 2840 r/min | 3.10 A  | 0.830        |
| Y    | --         | 50 Hz | 400 V   | 0.75 kW | 2840 r/min | 1.80 A  | 0.830        |
| Y    | --         | 60 Hz | 460 V   | 0.75 kW | 3455 r/min | 1.58 A  | 0.800        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 80                                                                                                |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 72.1 %<br>Partial Load (75%) 71.7 %<br>Partial Load (50%) 68.5 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 74.5 %<br>Partial Load (75%) 74.2 %<br>Partial Load (50%) 70.9 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Order Multiple               | 1 piece                                                    |
| Package Level 1 Units        | 0 carton                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA081001-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

3GAA084061-ASA

M1AA 80A 8

"No longer for sale" replaced by 3GAA084001-

General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA084061-ASA |
| ABB Type Designation | M1AA 80A 8     |
| Catalog Description  | M1AA 80A 8     |

Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 80A 8   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6204-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Türkiye (TR) |
| Customs Tariff Number | 85015100     |
| Direction of Rotation | Both sides   |

Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed     | Current | Power Factor |
|------|------------|-------|---------|---------|-----------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 0.18 kW | 650 r/min | 1.65 A  | 0.530        |
| Y    | --         | 50 Hz | 400 V   | 0.18 kW | 650 r/min | 0.95 A  | 0.530        |
| Y    | --         | 60 Hz | 460 V   | 0.18 kW | 810 r/min | 0.88 A  | 0.470        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 80                                                                                                |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE2<br>Full Load (100%) 51.9 %<br>Partial Load (75%) 52.2 %<br>Partial Load (50%) 49.7 % |
| IE Class Data (60 Hz)  | IE Class IE2<br>Full Load (100%) 54.7 %<br>Partial Load (75%) 55.0 %<br>Partial Load (50%) 52.4 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 80A 8                                                                                        |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 8                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1_M1AA_IE1_AA                                           |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA084001-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA081062-ASA

## No Description Available

## "No longer for sale" replaced by 3GAA081002-

### General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GAA081062-ASA           |
| ABB Type Designation | M1AA 80B 2               |
| Catalog Description  | No Description Available |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 80B 2   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6204-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 1.10 kW | 2850 r/min | 4.10 A  | 0.860        |
| Y    | --         | 50 Hz | 400 V   | 1.10 kW | 2850 r/min | 2.40 A  | 0.860        |
| Y    | --         | 60 Hz | 460 V   | 1.10 kW | 3465 r/min | 2.10 A  | 0.820        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 80                                                                                                |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 75.0 %<br>Partial Load (75%) 75.1 %<br>Partial Load (50%) 72.7 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |
| Product Name           | 3-Phase squirrel cage motor                                                                       |



|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA081002-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA084062-ASA

## M1AA 80B 8

"No longer for sale" replaced by 3GAA084002-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA084062-ASA |
| ABB Type Designation | M1AA 80B 8     |
| Catalog Description  | M1AA 80B 8     |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 80B 8   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6204-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015100     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed     | Current | Power Factor |
|------|------------|-------|---------|---------|-----------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 0.25 kW | 675 r/min | 1.99 A  | 0.550        |
| Y    | --         | 50 Hz | 400 V   | 0.25 kW | 675 r/min | 1.15 A  | 0.550        |
| Y    | --         | 60 Hz | 460 V   | 0.25 kW | 830 r/min | 1.07 A  | 0.480        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 80                                                                                                |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE2<br>Full Load (100%) 57.4 %<br>Partial Load (75%) 55.4 %<br>Partial Load (50%) 55.7 % |
| IE Class Data (60 Hz)  | IE Class IE2<br>Full Load (100%) 61.1 %<br>Partial Load (75%) 58.9 %<br>Partial Load (50%) 59.3 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 80B 8                                                                                        |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Number of Poles (High)       | 8                                                          |
| Order Multiple               | 1 piece                                                    |
| Package Level 1 Units        | 0 carton                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA084002-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA081063-CSA

## M1AA 80C 2

"No longer for sale" replaced by 3GAA081003-

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### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA081063-CSA |
| ABB Type Designation | M1AA 80C 2     |
| Catalog Description  | M1AA 80C 2     |

---

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 80C 2   |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6204-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Türkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 1.50 kW | 2850 r/min | 5.70 A  | 0.850        |
| Y    | --         | 50 Hz | 400 V   | 1.50 kW | 2850 r/min | 3.30 A  | 0.850        |
| Y    | --         | 60 Hz | 460 V   | 1.50 kW | 3465 r/min | 2.90 A  | 0.820        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Size             | 80                                                                                                |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 77.2 %<br>Partial Load (75%) 76.7 %<br>Partial Load (50%) 73.8 % |
| IM Class               | IMB14 IM3601                                                                                      |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 80C 2                                                                                        |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |
| Product Name           | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight     | 0 kg                                                                                              |
| Product Type           | 1AA1_M1AA_IE1_AA                                                                                  |
| Quote Only             | No                                                                                                |

(NEW)

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Temperature Class<br>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) |

PRODUCT-DETAILS

# 3GAA091062-ASA

## No Description Available

## "No longer for sale" replaced by 3GAA091002-

### General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GAA091062-ASA           |
| ABB Type Designation | M1AA 90LA 2              |
| Catalog Description  | No Description Available |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 90LA 2  |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6305-2Z/C3   |
| Bearing NDE           | 6205-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 2.20 kW | 2860 r/min | 7.90 A  | 0.880        |
| Y    | --         | 50 Hz | 400 V   | 2.20 kW | 2860 r/min | 4.60 A  | 0.880        |
| Y    | --         | 60 Hz | 460 V   | 2.20 kW | 3475 r/min | 3.90 A  | 0.860        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 90                                                                                                |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 79.7 %<br>Partial Load (75%) 80.3 %<br>Partial Load (50%) 79.2 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 82.0 %<br>Partial Load (75%) 82.6 %<br>Partial Load (50%) 81.6 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Order Multiple               | 1 piece                                                    |
| Package Level 1 Units        | 0 carton                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA091002-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA091061-ADA

## M1AA 90SA 2

"No longer for sale" replaced by 3GAA091001-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA091061-ADA |
| ABB Type Designation | M1AA 90SA 2    |
| Catalog Description  | M1AA 90SA 2    |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 90SA 2  |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6305-2Z/C3   |
| Bearing NDE           | 6205-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 400 V   | 1.50 kW | 2860 r/min | 3.40 A  | 0.840        |
| Y    | --         | 50 Hz | 690 V   | 1.50 kW | 2860 r/min | 1.96 A  | 0.840        |
| D    | --         | 60 Hz | 460 V   | 1.50 kW | 3475 r/min | 2.80 A  | 0.830        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 90                                                                                                |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 77.2 %<br>Partial Load (75%) 76.7 %<br>Partial Load (50%) 73.8 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 90SA 2                                                                                       |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |



|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA091001-ADE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Temperature Class Default    | --                                                         |
| Terminator Box Location      | D-End top                                                  |
| Two Speed Motor              | No                                                         |
| Type of Duty                 | S1                                                         |
| UNSPSC                       | 26101100                                                   |
| Voltage Code                 | D                                                          |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |

PRODUCT-DETAILS

# 3GAA093061-ASA

## M1AA 90SA 6

"No longer for sale" replaced by 3GAA093001-

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### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA093061-ASA |
| ABB Type Designation | M1AA 90SA 6    |
| Catalog Description  | M1AA 90SA 6    |

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### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 90SA 6  |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6305-2Z/C3   |
| Bearing NDE           | 6205-2Z/C3   |
| Country of Origin     | Türkiye (TR) |
| Customs Tariff Number | 85015100     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 0.75 kW | 925 r/min  | 3.80 A  | 0.740        |
| Y    | --         | 50 Hz | 400 V   | 0.75 kW | 925 r/min  | 2.20 A  | 0.740        |
| Y    | --         | 60 Hz | 460 V   | 0.75 kW | 1130 r/min | 2.00 A  | 0.720        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 90                                                                                                |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 70.0 %<br>Partial Load (75%) 70.5 %<br>Partial Load (50%) 67.5 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 90SA 6                                                                                       |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 6                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |
| Product Name           | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight     | 0 kg                                                                                              |
| Product Type           | 1AA1__M1AA_IE1_AA                                                                                 |
| Quote Only             | No                                                                                                |

|                                 |                                                            |
|---------------------------------|------------------------------------------------------------|
| Replacement Product ID<br>(NEW) | 3GAA093001-ASE                                             |
| Selling Unit of Measure         | piece                                                      |
| Standards                       | IEC 60034-1                                                |
| Starting of Motor               | Direct Online                                              |
| Temperature Class<br>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) |

PRODUCT-DETAILS

# 3GAA103061-ASA

## No Description Available

### "No longer for sale" replaced by 3GAA103001-

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#### General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GAA103061-ASA           |
| ABB Type Designation | M1AA 100LA 6             |
| Catalog Description  | No Description Available |

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#### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 100LA 6 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6306-2Z/C3   |
| Bearing NDE           | 6205-2Z/C3   |
| Country of Origin     | Türkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 1.50 kW | 935 r/min  | 7.10 A  | 0.710        |
| Y    | --         | 50 Hz | 400 V   | 1.50 kW | 935 r/min  | 4.10 A  | 0.710        |
| Y    | --         | 60 Hz | 460 V   | 1.50 kW | 1140 r/min | 3.70 A  | 0.660        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 100                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 75.2 %<br>Partial Load (75%) 74.9 %<br>Partial Load (50%) 72.3 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 77.1 %<br>Partial Load (75%) 76.9 %<br>Partial Load (50%) 74.1 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 6                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |
| Product Name           | 3-Phase squirrel cage motor                                                                       |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1_M1AA_IE1_AA                                           |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA103001-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA103061-ASA

## No Description Available

## "No longer for sale" replaced by 3GAA103001-

### General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GAA103061-ASA           |
| ABB Type Designation | M1AA 100LA 6             |
| Catalog Description  | No Description Available |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 100LA 6 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6306-2Z/C3   |
| Bearing NDE           | 6205-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 1.50 kW | 935 r/min  | 7.10 A  | 0.710        |
| Y    | --         | 50 Hz | 400 V   | 1.50 kW | 935 r/min  | 4.10 A  | 0.710        |
| Y    | --         | 60 Hz | 460 V   | 1.50 kW | 1140 r/min | 3.70 A  | 0.660        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 100                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 75.2 %<br>Partial Load (75%) 74.9 %<br>Partial Load (50%) 72.3 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 77.1 %<br>Partial Load (75%) 76.9 %<br>Partial Load (50%) 74.1 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 6                                                                                                 |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Order Multiple               | 1 piece                                                    |
| Package Level 1 Units        | 0 carton                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA103001-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA102062-BSA

## No Description Available

## "No longer for sale" replaced by 3GAA102002-

### General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GAA102062-BSA           |
| ABB Type Designation | M1AA 100LB 4             |
| Catalog Description  | No Description Available |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 100LB 4 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6306-2Z/C3   |
| Bearing NDE           | 6205-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 3.00 kW | 1425 r/min | 11.60 A | 0.790        |
| Y    | --         | 50 Hz | 400 V   | 3.00 kW | 1425 r/min | 6.70 A  | 0.790        |
| Y    | --         | 60 Hz | 460 V   | 3.00 kW | 1730 r/min | 5.80 A  | 0.760        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 100                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 81.5 %<br>Partial Load (75%) 81.7 %<br>Partial Load (50%) 79.9 % |
| IM Class               | IMB5 IM3001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| 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                                                                                          |
| Product Name           | 3-Phase squirrel cage motor                                                                       |



|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA102002-BSE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA101062-ASA

## M1AA 100LC 2

"No longer for sale" replaced by 3GAA101560-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA101062-ASA |
| ABB Type Designation | M1AA 100LC 2   |
| Catalog Description  | M1AA 100LC 2   |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 100LC 2 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6306-2Z/C3   |
| Bearing NDE           | 6205-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 4.00 kW | 2880 r/min | 12.80 A | 0.940        |
| Y    | --         | 50 Hz | 400 V   | 4.00 kW | 2880 r/min | 7.40 A  | 0.940        |
| Y    | --         | 60 Hz | 460 V   | 4.00 kW | 3490 r/min | 6.30 A  | 0.930        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 100                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 83.1 %<br>Partial Load (75%) 83.3 %<br>Partial Load (50%) 81.6 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 84.7 %<br>Partial Load (75%) 84.8 %<br>Partial Load (50%) 82.9 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 100LC 2                                                                                      |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Number of Poles (High)       | 2                                                          |
| Order Multiple               | 1 piece                                                    |
| Package Level 1 Units        | 0 carton                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA101560-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

3GAA111061-ADA

M1AA 112MA 2

"No longer for sale" replaced by 3GAA111101-

General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA111061-ADA |
| ABB Type Designation | M1AA 112MA 2   |
| Catalog Description  | M1AA 112MA 2   |

Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 112MA 2 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6306-2Z/C3   |
| Bearing NDE           | 6205-6Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 400 V   | 4.00 kW | 2885 r/min | 7.80 A  | 0.900        |
| Y    | --         | 50 Hz | 690 V   | 4.00 kW | 2885 r/min | 4.50 A  | 0.900        |
| D    | --         | 60 Hz | 460 V   | 4.00 kW | 3490 r/min | 6.50 A  | 0.910        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 112                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 83.1 %<br>Partial Load (75%) 83.3 %<br>Partial Load (50%) 81.6 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 84.7 %<br>Partial Load (75%) 84.9 %<br>Partial Load (50%) 83.2 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 112MA 2                                                                                      |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1_M1AA_IE1_AA                                           |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA111101-ADE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Temperature Class Default    | --                                                         |
| Terminator Box Location      | D-End top                                                  |
| Two Speed Motor              | No                                                         |
| Type of Duty                 | S1                                                         |
| UNSPSC                       | 26101100                                                   |
| Voltage Code                 | D                                                          |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |

PRODUCT-DETAILS

# 3GAA112061-ADA

## M1AA 112MA 4

"No longer for sale" replaced by 3GAA112101-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA112061-ADA |
| ABB Type Designation | M1AA 112MA 4   |
| Catalog Description  | M1AA 112MA 4   |

### Additional Information

|                       |                             |
|-----------------------|-----------------------------|
| ABB Type Designation  | M1AA 112MA 4                |
| Altitude              | 1000 m                      |
| Ambient Temperature   | 40 °C                       |
| Bearing               | 6306-2Z/C3                  |
| Bearing NDE           | 6206-2Z/C3                  |
| Country of Origin     | Poland (PL)<br>Turkiye (TR) |
| Customs Tariff Number | 85015220                    |
| Direction of Rotation | Both sides                  |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 400 V   | 4.00 kW | 1435 r/min | 8.90 A  | 0.790        |
| Y    | --         | 50 Hz | 690 V   | 4.00 kW | 1435 r/min | 5.10 A  | 0.790        |
| D    | --         | 60 Hz | 460 V   | 4.00 kW | 1740 r/min | 7.50 A  | 0.790        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 112                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 83.1 %<br>Partial Load (75%) 83.1 %<br>Partial Load (50%) 81.6 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 112MA 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                                                                                          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA112101-ADE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Temperature Class Default    | --                                                         |
| Terminator Box Location      | D-End top                                                  |
| Two Speed Motor              | No                                                         |
| Type of Duty                 | S1                                                         |
| UNSPSC                       | 26101100                                                   |
| Voltage Code                 | D                                                          |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |

PRODUCT-DETAILS

# 3GAA114061-ADA

## M1AA 112MA 8

"No longer for sale" replaced by 3GAA114300-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA114061-ADA |
| ABB Type Designation | M1AA 112MA 8   |
| Catalog Description  | M1AA 112MA 8   |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 112MA 8 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6306-2Z/C3   |
| Bearing NDE           | 6206-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed     | Current | Power Factor |
|------|------------|-------|---------|---------|-----------|---------|--------------|
| D    | --         | 50 Hz | 400 V   | 1.50 kW | 700 r/min | 4.50 A  | 0.650        |
| Y    | --         | 50 Hz | 690 V   | 1.50 kW | 700 r/min | 2.60 A  | 0.650        |
| D    | --         | 60 Hz | 460 V   | 1.50 kW | 855 r/min | 4.00 A  | 0.610        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 112                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 73.7 %<br>Partial Load (75%) 71.2 %<br>Partial Load (50%) 70.9 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 77.2 %<br>Partial Load (75%) 74.5 %<br>Partial Load (50%) 74.2 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 112MA 8                                                                                      |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |



|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Number of Poles (High)       | 8                                                          |
| Order Multiple               | 1 piece                                                    |
| Package Level 1 Units        | 0 carton                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA114300-ADE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Temperature Class Default    | --                                                         |
| Terminator Box Location      | D-End top                                                  |
| Two Speed Motor              | No                                                         |
| Type of Duty                 | S1                                                         |
| UNSPSC                       | 26101100                                                   |
| Voltage Code                 | D                                                          |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |

PRODUCT-DETAILS

3GAA111062-CSA

M1AA 112MC 2

"No longer for sale" replaced by 3GAA111360-

General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA111062-CSA |
| ABB Type Designation | M1AA 112MC 2   |
| Catalog Description  | M1AA 112MC 2   |

Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 112MC 2 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6306-2Z/C3   |
| Bearing NDE           | 6206-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 5.50 kW | 2890 r/min | 18.10 A | 0.900        |
| Y    | --         | 50 Hz | 400 V   | 5.50 kW | 2890 r/min | 10.50 A | 0.900        |
| Y    | --         | 60 Hz | 460 V   | 5.50 kW | 3500 r/min | 8.80 A  | 0.910        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 112                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 84.7 %<br>Partial Load (75%) 84.6 %<br>Partial Load (50%) 82.9 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 86.1 %<br>Partial Load (75%) 86.1 %<br>Partial Load (50%) 84.3 % |
| IM Class               | IMB14 IM3601                                                                                      |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 112MC 2                                                                                      |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1_M1AA_IE1_AA                                           |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA111360-CSE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA112062-ASA

## M1AA 112MC 4

"No longer for sale" replaced by 3GAA112360-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA112062-ASA |
| ABB Type Designation | M1AA 112MC 4   |
| Catalog Description  | M1AA 112MC 4   |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 112MC 4 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6306-2Z/C3   |
| Bearing NDE           | 6206-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 5.50 kW | 1445 r/min | 19.50 A | 0.810        |
| Y    | --         | 50 Hz | 400 V   | 5.50 kW | 1445 r/min | 11.30 A | 0.810        |
| Y    | --         | 60 Hz | 460 V   | 5.50 kW | 1750 r/min | 9.60 A  | 0.800        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 112                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 84.7 %<br>Partial Load (75%) 84.7 %<br>Partial Load (50%) 82.3 % |
| IE Class Data (60 Hz)  | IE Class IE2<br>Full Load (100%) 89.8 %<br>Partial Load (75%) 89.8 %<br>Partial Load (50%) 87.3 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 112MC 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                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA112360-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

3GAA131063-ASA

M1AA 132MA 2

"No longer for sale" replaced by 3GAA131260-

General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA131063-ASA |
| ABB Type Designation | M1AA 132MA 2   |
| Catalog Description  | M1AA 132MA 2   |

Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 132MA 2 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6208-2Z/C3   |
| Bearing NDE           | 6208-2Z/C3   |
| Country of Origin     | Türkiye (TR) |
| Customs Tariff Number | 85015230     |
| Direction of Rotation | Both sides   |

Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power    | Speed      | Current | Power Factor |
|------|------------|-------|---------|----------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 11.00 kW | 2900 r/min | 36.00 A | 0.870        |
| Y    | --         | 50 Hz | 400 V   | 11.00 kW | 2900 r/min | 20.80 A | 0.870        |
| Y    | --         | 60 Hz | 460 V   | 11.00 kW | 3505 r/min | 18.00 A | 0.870        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 132                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 87.6 %<br>Partial Load (75%) 87.3 %<br>Partial Load (50%) 86.0 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 88.0 %<br>Partial Load (75%) 87.7 %<br>Partial Load (50%) 86.4 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 132MA 2                                                                                      |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1_M1AA_IE1_AA                                           |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA131260-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA134062-ASA

## M1AA 132MA 8

"No longer for sale" replaced by 3GAA134300-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA134062-ASA |
| ABB Type Designation | M1AA 132MA 8   |
| Catalog Description  | M1AA 132MA 8   |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 132MA 8 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6208-2Z/C3   |
| Bearing NDE           | 6208-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed     | Current | Power Factor |
|------|------------|-------|---------|---------|-----------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 3.00 kW | 710 r/min | 14.20 A | 0.690        |
| Y    | --         | 50 Hz | 400 V   | 3.00 kW | 710 r/min | 8.20 A  | 0.690        |
| Y    | --         | 60 Hz | 460 V   | 3.00 kW | 860 r/min | 7.50 A  | 0.640        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 132                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 78.5 %<br>Partial Load (75%) 75.8 %<br>Partial Load (50%) 74.9 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 132MA 8                                                                                      |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 8                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |



|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA134300-ASE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| 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) |

PRODUCT-DETAILS

# 3GAA131061-ADA

## M1AA 132SA 2

"No longer for sale" replaced by 3GAA131001-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA131061-ADA |
| ABB Type Designation | M1AA 132SA 2   |
| Catalog Description  | M1AA 132SA 2   |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M1AA 132SA 2 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6208-2Z/C3   |
| Bearing NDE           | 6208-2Z/C3   |
| Country of Origin     | Turkiye (TR) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 400 V   | 5.50 kW | 2900 r/min | 10.50 A | 0.890        |
| Y    | --         | 50 Hz | 690 V   | 5.50 kW | 2900 r/min | 6.00 A  | 0.890        |
| D    | --         | 60 Hz | 460 V   | 5.50 kW | 3500 r/min | 9.10 A  | 0.890        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 132                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 84.7 %<br>Partial Load (75%) 84.6 %<br>Partial Load (50%) 82.9 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 132SA 2                                                                                      |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 carton                                                                                          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 0 kg                                                       |
| Product Type                 | 1AA1__M1AA_IE1_AA                                          |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GAA131001-ADE                                             |
| Selling Unit of Measure      | piece                                                      |
| Standards                    | IEC 60034-1                                                |
| Starting of Motor            | Direct Online                                              |
| Temperature Class Default    | --                                                         |
| Terminator Box Location      | D-End top                                                  |
| Two Speed Motor              | No                                                         |
| Type of Duty                 | S1                                                         |
| UNSPSC                       | 26101100                                                   |
| Voltage Code                 | D                                                          |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |

PRODUCT-DETAILS

# 3GAA161061-ASA

## M1AA 160MLA 2

"No longer for sale" replaced by 3GAA161410-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA161061-ASA |
| ABB Type Designation | M1AA 160MLA 2  |
| Catalog Description  | M1AA 160MLA 2  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M1AA 160MLA 2 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6309-2Z/C3    |
| Bearing NDE           | 6209-2Z/C3    |
| Country of Origin     | Türkiye (TR)  |
| Customs Tariff Number | 85015230      |
| Direction of Rotation | Both sides    |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power    | Speed      | Current | Power Factor |
|------|------------|-------|---------|----------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 11.00 kW | 2900 r/min | 34.60 A | 0.910        |
| Y    | --         | 50 Hz | 400 V   | 11.00 kW | 2900 r/min | 20.00 A | 0.910        |
| Y    | --         | 60 Hz | 460 V   | 11.00 kW | 3500 r/min | 17.30 A | 0.910        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 160                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 87.6 %<br>Partial Load (75%) 87.3 %<br>Partial Load (50%) 86.0 % |
| IE Class Data (60 Hz)  | IE Class IE1<br>Full Load (100%) 87.7 %<br>Partial Load (75%) 87.5 %<br>Partial Load (50%) 86.1 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 160MLA 2                                                                                     |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 2                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 pallet (lift)                                                                                   |

|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                 |
| Product Net Weight           | 0 kg                                                        |
| Product Type                 | 1AA1_M1AA_IE1_AA                                            |
| Quote Only                   | No                                                          |
| Replacement Product ID (NEW) | 3GAA161410-ASG                                              |
| Selling Unit of Measure      | piece                                                       |
| Standards                    | IEC 60034-1                                                 |
| Starting of Motor            | Direct Online                                               |
| Temperature Class Default    | --                                                          |
| Terminator Box Location      | D-End top                                                   |
| Two Speed Motor              | No                                                          |
| Type of Duty                 | S1                                                          |
| UNSPSC                       | 26101100                                                    |
| Voltage Code                 | S                                                           |
| WEEE Category                | 4. Large Equipment (Any External Dimension More Than 50 cm) |

PRODUCT-DETAILS

# 3GAA163061-ASA

## M1AA 160MLA 6

"No longer for sale" replaced by 3GAA163410-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA163061-ASA |
| ABB Type Designation | M1AA 160MLA 6  |
| Catalog Description  | M1AA 160MLA 6  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M1AA 160MLA 6 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6309-2Z/C3    |
| Bearing NDE           | 6209-2Z/C3    |
| Country of Origin     | Turkiye (TR)  |
| Customs Tariff Number | 85015220      |
| Direction of Rotation | Both sides    |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor |
|------|------------|-------|---------|---------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 7.50 kW | 960 r/min  | 32.70 A | 0.750        |
| Y    | --         | 50 Hz | 400 V   | 7.50 kW | 960 r/min  | 18.90 A | 0.750        |
| Y    | --         | 60 Hz | 460 V   | 7.50 kW | 1165 r/min | 15.90 A | 0.700        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 160                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 84.7 %<br>Partial Load (75%) 84.5 %<br>Partial Load (50%) 82.5 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 160MLA 6                                                                                     |
| IP Class               | IP55                                                                                              |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 6                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 pallet (lift)                                                                                   |

|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                 |
| Product Net Weight           | 0 kg                                                        |
| Product Type                 | 1AA1__M1AA_IE1_AA                                           |
| Quote Only                   | No                                                          |
| Replacement Product ID (NEW) | 3GAA163410-ASG                                              |
| Selling Unit of Measure      | piece                                                       |
| Standards                    | IEC 60034-1                                                 |
| Starting of Motor            | Direct Online                                               |
| Temperature Class Default    | --                                                          |
| Terminator Box Location      | D-End top                                                   |
| Two Speed Motor              | No                                                          |
| Type of Duty                 | S1                                                          |
| UNSPSC                       | 26101100                                                    |
| Voltage Code                 | S                                                           |
| WEEE Category                | 4. Large Equipment (Any External Dimension More Than 50 cm) |

PRODUCT-DETAILS

# 3GAA162063-ASA

## M1AA 160MLC 4

"No longer for sale" replaced by 3GAA162430-

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA162063-ASA |
| ABB Type Designation | M1AA 160MLC 4  |
| Catalog Description  | M1AA 160MLC 4  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M1AA 160MLC 4 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6309-2Z/C3    |
| Bearing NDE           | 6209-2Z/C3    |
| Country of Origin     | Turkiye (TR)  |
| Customs Tariff Number | 85015230      |
| Direction of Rotation | Both sides    |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power    | Speed      | Current | Power Factor |
|------|------------|-------|---------|----------|------------|---------|--------------|
| D    | --         | 50 Hz | 230 V   | 18.50 kW | 1445 r/min | 64.70 A | 0.810        |
| Y    | --         | 50 Hz | 400 V   | 18.50 kW | 1445 r/min | 37.40 A | 0.810        |
| Y    | --         | 60 Hz | 460 V   | 18.50 kW | 1750 r/min | 32.50 A | 0.800        |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Frame Material         | Aluminum                                                                                          |
| Frame Size             | 160                                                                                               |
| Gross Weight           | 0 kg                                                                                              |
| IC Class               | IC411                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE1<br>Full Load (100%) 89.3 %<br>Partial Load (75%) 89.9 %<br>Partial Load (50%) 89.5 % |
| IM Class               | IMB3 IM1001                                                                                       |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M1AA 160MLC 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 pallet (lift)                                                                                   |



|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
| Product Name                 | 3-Phase squirrel cage motor                                 |
| Product Net Weight           | 0 kg                                                        |
| Product Type                 | 1AA1_M1AA_IE1_AA                                            |
| Quote Only                   | No                                                          |
| Replacement Product ID (NEW) | 3GAA162430-ASG                                              |
| Selling Unit of Measure      | piece                                                       |
| Standards                    | IEC 60034-1                                                 |
| Starting of Motor            | Direct Online                                               |
| Temperature Class Default    | --                                                          |
| Terminator Box Location      | D-End top                                                   |
| Two Speed Motor              | No                                                          |
| Type of Duty                 | S1                                                          |
| UNSPSC                       | 26101100                                                    |
| Voltage Code                 | S                                                           |
| WEEE Category                | 4. Large Equipment (Any External Dimension More Than 50 cm) |

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