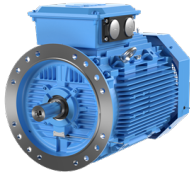




PRODUCT-DETAILS

3GBP203410-BSM

IE4 Super Premium Efficiency Cast Iron Motors, 18.5 kW, 400 V (3GBP203410-BSM)



General Information

| | |
|----------------------|--|
| Product ID | 3GBP203410-BSM |
| ABB Type Designation | M3BP 200MLA 6 |
| Catalog Description | IE4 Super Premium Efficiency Cast Iron Motors, 18.5 kW, 400 V (3GBP203410-BSM) |

Ordering

| | |
|-------------------------|--|
| ABB Type Designation | M3BP 200MLA 6 |
| Invoice Description | M3BP 200MLA 6 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | 3BP4_M3BP_IE4_CI |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85015230 |
| Medium Description | 18.5kW, 6 Poles, Frame Size 200, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP203410-BSM) |

Short Description

18.5kW, 6P, Frame Size 200, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|------------|-------|
| Y | -- | 50 Hz | 400 V | 18.50 kW | 992 r/min | 34.50 A | 0.820 | 93.40 % | 178.17 N·m | 8.10 |
| D | -- | 50 Hz | 230 V | 18.50 kW | 991 r/min | 59.90 A | 0.820 | 93.40 % | 178.19 N·m | 8.10 |
| Y | -- | 50 Hz | 415 V | 18.50 kW | 992 r/min | 34.10 A | 0.800 | 93.40 % | 178.06 N·m | 8.70 |
| Y | -- | 60 Hz | 460 V | 18.50 kW | 1192 r/min | 30.30 A | 0.800 | 94.10 % | 148.16 N·m | 9.20 |

| | |
|----------------------------------|---|
| Connection Configuration | Y |
| Temperature Class Default | -- |
| Input Voltage (U _{in}) | 400 V |
| Frequency (f) | 50 Hz |
| Output Power | 18.5 kW |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE4 Full Load (100%) 93.4 % Partial Load (75%) 93.5 % Partial Load (50%) 92.8 % |
| IE Class Data (60 Hz) | IE Class IE4 Full Load (100%) 94.1 % Partial Load (75%) 94.0 % Partial Load (50%) 93.1 % |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Direction of Rotation | Both sides |
| Number of Poles (High) | 6 |
| Two Speed Motor | No |
| Type of Duty | S1 |
| Voltage Code | S |

Mechanical

| | |
|-------------------------|-------------|
| Frame Material | Cast Iron |
| Frame Size | 200 |
| Bearing | 6312/C3 |
| Bearing NDE | 6210/C3 |
| IM Class | IMB5 IM3001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|----------------------------|-----------------|
| Package Level 1 Units | 0 pallet (lift) |
| Product Net Depth / Length | 822 mm |

| | |
|--------------------|--------|
| Product Net Height | 528 mm |
| Product Net Width | 378 mm |
| Product Net Weight | 306 kg |
| Gross Weight | 316 kg |

Environmental

| | |
|---------------|---|
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |
|---------------|---|

Classifications

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

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors

