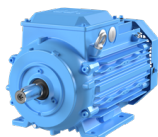




## PRODUCT-DETAILS

## 3GBP112320-ADM

### IE4 Super Premium Efficiency Cast Iron Motors, 4 kW, 400 V (3GBP112320-ADM)



#### General Information

Product ID:	3GBP112320-ADM
ABB Type Designation:	M3BP 112MB 4
Catalog Description:	IE4 Super Premium Efficiency Cast Iron Motors, 4 kW, 400 V (3GBP112320-ADM)
Display Name:	3GBP112320-ADM

#### Ordering

ABB Type Designation:	M3BP 112MB 4
Invoice Description:	M3BP 112MB 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP4__M3BP_IE4_CI
Country of Origin:	Finland China
Customs Tariff Number:	85015220
Medium Description:	4kW, 4 Poles, Frame Size 112, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP112320-ADM)

**Short Description:** 4kW, 4P, Frame Size 112, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

## Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	4.00 kW	1463 r/min	4.70 A	0.770	91.10 %	26.30 N·m	8.20
D	--	50 Hz	400 V	4.00 kW	1463 r/min	8.20 A	0.770	91.10 %	26.30 N·m	8.20
D	--	50 Hz	415 V	4.00 kW	1466 r/min	8.00 A	0.760	91.10 %	26.30 N·m	8.50
D	--	60 Hz	460 V	4.00 kW	1768 r/min	7.30 A	0.750	91.00 %	21.80 N·m	9.00

**Connection Configuration:** D

**Temperature Class Default:** --

**Input Voltage (U<sub>in</sub>):** 400 V

**Frequency (f):** 50 Hz

**Output Power:** 4 kW

**Altitude:** 1000 m

**Ambient Temperature:** 40 °C

**IC Class:** IC411

**IE Class Data (50 Hz):**  
 IE Class IE4  
 Full Load (100%) 91.1 %  
 Partial Load (75%) 91.5 %  
 Partial Load (50%) 90.7 %

**IE Class Data (60 Hz):**  
 IE Class IE4  
 Full Load (100%) 91.0 %  
 Partial Load (75%) 91.3 %  
 Partial Load (50%) 90.1 %

**IP Class:** IP55

**Insulation Class:** ICLF

**Direction of Rotation:** Both sides

**Number of Poles (High):** 4

**Two Speed Motor:** No

**Type of Duty:** S1

**Voltage Code:** D

## Mechanical

**Frame Material:** Cast Iron

**Frame Size:** 112

**Bearing:** 6206-2Z/C3

**Bearing NDE:** 6206-2Z/C3

**IM Class:** IMB3 IM1001

**Terminator Box Location:** D-End top

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**Dimensions**

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<b>Product Net Depth / Length:</b>	513 mm
<b>Product Net Height:</b>	263 mm
<b>Product Net Width:</b>	230 mm
<b>Product Net Weight:</b>	70.4 kg
<b>Gross Weight:</b>	75.4 kg

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**Environmental**

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<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>SCIP:</b>	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland

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**External Classifications and Standards**

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<b>UNSPSC:</b>	26101100 39120000
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**Categories**

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

