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 PRODUCT-DETAILS

## 3GBP072450-AEL

### IE3 Premium Efficiency Cast Iron Motors, 0.37 kW, 500 V (3GBP072450-AEL)




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**General Information**

Product ID	3GBP072450-AEL
ABB Type Designation	M3BP 71MLE 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 0.37 kW, 500 V (3GBP072450-AEL)

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**Ordering**

ABB Type Designation	M3BP 71MLE 4
Invoice Description	M3BP 71MLE 4
Product Name	3-Phase squirrel cage motor
Product Type	5BP3 M3BP CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015220
Medium Description	0.37kW, 4 Poles, Frame Size 71, 3 Phases, 500V, 50Hz, IP55 Enclosure,

IMB3/IM1001 Mounting (3GBP072450-AEL)

Short Description 0.37kW, 4P, Frame Size 71, 3PH, 500V, 50Hz, IP55, IMB3/IM1001

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	500 V	0.37 kW	1432 r/min	0.71 A	0.760	77.30 %	2.46 N·m	5.80

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	500 V
Frequency (f)	50 Hz
Output Power	0.37 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 77.3 % Partial Load (75%) 77.4 % Partial Load (50%) 74.5 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 78.2 % Partial Load (75%) 77.6 % Partial Load (50%) 74.5 %
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	E

## Mechanical

Frame Material	Cast Iron
Frame Size	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	294 mm
Product Net Height	178 mm
Product Net Width	136 mm
Product Net Weight	15 kg
Gross Weight	18 kg

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**Environmental**

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WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm)

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**Classifications**

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UNSPSC 26101100  
39120000

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**Categories**

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Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

