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 PRODUCT-DETAILS

# 3GBN963420-AEK

## (3GBN963420-AEK)

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**General Information**

Product ID	3GBN963420-AEK
ABB Type Designation	M3BN 587MLB 6
Catalog Description	(3GBN963420-AEK)

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**Ordering**

ABB Type Designation	M3BN 587MLB 6
Invoice Description	M3BN 587MLB 6
Product Name	3-Phase squirrel cage motor
Product Type	3BN3_M3BN_IE3
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	85015381

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**Electrical**

## Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	60 Hz	575 V	224.00 kW	1193 r/min	287.00 A	0.820	95.80 %	1793.00 N-m	7.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 95.8 %

Partial Load (50%) 95.2 %

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	E

## Mechanical

Frame Material	Cast Iron
Frame Size	5800
Bearing	6324/C3
Bearing NDE	6319/C3VL0241
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	1970 kg
Gross Weight	0 kg

## Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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## Classifications

UNSPSC	26101100
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## Categories

Motors and Generators → NEMA Low Voltage AC Motors → ABB Process Performance NEMA Motors → Premium Efficiency Motors