



 PRODUCT-DETAILS

3GBN961410-AEK

(3GBN961410-AEK)

General Information

Product ID	3GBN961410-AEK
ABB Type Designation	M3BN 587MLA 2
Catalog Description	(3GBN961410-AEK)

Ordering

ABB Type Designation	M3BN 587MLA 2
Invoice Description	M3BN 587MLA 2
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

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	3581 r/min	265.00 A	0.890	96.10 %	598.00 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%) 96.1 % Partial Load (75%) 95.8 %

Partial Load (50%) 94.6 %

IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	E

Mechanical

Frame Material	Cast Iron
Frame Size	5800
Bearing	6317M/C3
Bearing NDE	6317M/C3VL0241
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	1750 kg
Gross Weight	0 kg

Environmental

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

Classifications

UNSPSC	26101100
--------	----------

Categories

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