

PRODUCT-DETAILS

3GAA182430-AEK

M3AA 180MLC 4



General Information

Product ID	3GAA182430-AEK
ABB Type Designation	M3AA 180MLC 4
Catalog Description	M3AA 180MLC 4

Additional Information

ABB Type Designation	M3AA 180MLC 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	Finland (FI)
Customs Tariff Number	85015230
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	500 V	28.00 kW	1482 r/min	44.50 A	0.780	93.40 %	180.40 N·m	8.20
D	--	60 Hz	575 V	28.00 kW	1785 r/min	38.10 A	0.780	94.10 %	149.77 N·m	9.60

Gross Weight	186 kg
IC Class	IC411

IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 93.4 % Partial Load (75%) 93.3 % Partial Load (50%) 92.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 94.1 % Partial Load (75%) 93.8 % Partial Load (50%) 92.5 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 180MLC 4
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	176 kg
Product Type	3AA3_M3AA_IE3_AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	E
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

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



