

PRODUCT-DETAILS

3GAA182410-BDF

M2AA 180MLA 4



General Information

Product ID	3GAA182410-BDF
ABB Type Designation	M2AA 180MLA 4
Catalog Description	M2AA 180MLA 4

Additional Information

ABB Type Designation	M2AA 180MLA 4
Bearing	6210-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	Spain (ES) Poland (PL)
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
Y	--	50 Hz	690 V	18.50 kW	1464 r/min	20.40 A	0.840	91.20 %	120.00 N·m	7.90
D	--	50 Hz	400 V	18.50 kW	1464 r/min	34.80 A	0.840	91.20 %	120.00 N·m	7.90
D	--	50 Hz	415 V	18.50 kW	1467 r/min	34.30 A	0.820	91.30 %	120.00 N·m	8.40
D	--	60 Hz	460 V	18.50 kW	1770 r/min	30.20 A	0.830	92.40 %	99.80 N·m	9.00

Gross Weight	135 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 91.2 % Partial Load (75%) 92.0 % Partial Load (50%) 91.6 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 92.4 % Partial Load (75%) 92.8 % Partial Load (50%) 91.6 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 180MLA 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	125 kg
Product Type	2AA2__M2AA__IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA182043-BDG 3GAA182061-BDA
Selling Unit of Measure	piece
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
UNSPSC	26101100
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Aluminum Motors



