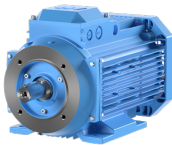


PRODUCT-DETAILS

3GAA102550-BDK843  
(3GAA102550-BDK843)



General Information	
Product ID	3GAA102550-BDK843
ABB Type Designation	M3AA 100LE 4
Catalog Description	(3GAA102550-BDK843)

Ordering	
ABB Type Designation	M3AA 100LE 4
Invoice Description	M3AA 100LE 4
Product Name	3-Phase squirrel cage motor
Product Type	3AA3_M3AA_IE3_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Romania (RO)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	2.20 kW	1454 r/min	2.50 A	0.830	86.70 %	14.50 N·m	8.90
D	--	50 Hz	400 V	2.20 kW	1454 r/min	4.30 A	0.830	86.70 %	14.50 N·m	8.90
Y	--	50 Hz	660 V	2.20 kW	1448 r/min	2.60 A	0.840	86.70 %	14.50 N·m	8.10
D	--	50 Hz	380 V	2.20 kW	1448 r/min	4.40 A	0.840	86.70 %	14.50 N·m	8.10
D	--	50 Hz	415 V	2.20 kW	1458 r/min	4.10 A	0.810	86.70 %	14.50 N·m	9.50
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 86.7 % Partial Load (75%) 87.0 % Partial Load (50%) 85.5 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 89.2 % Partial Load (50%) 87.4 %
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										D

Mechanical										
Frame Material										Aluminum
Frame Size										100
Bearing										6306-2Z/C3
Bearing NDE										6205-2Z/C3
IM Class										IMB5 IM3001
Terminator Box Location										D-End top

Dimensions										
Package Level 1 Units										0 carton
Product Net Weight										36 kg
Gross Weight										41 kg

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

---

**Classifications**

---

UNSPSC

26101100

---

---

**Categories**

---

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

