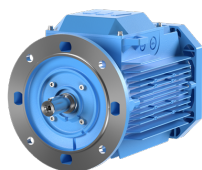


PRODUCT-DETAILS

## 3GAA131290-BSE

IE2 High Efficiency Aluminum Motors, 18.5 kW, 400 V (3GAA131290-BSE)



### General Information

Product ID	3GAA131290-BSE
ABB Type Designation	M3AA 132SMJ 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 18.5 kW, 400 V (3GAA131290-BSE)

### Additional Information

ABB Type Designation	M3AA 132SMJ 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6308-2Z/C3
Bearing NDE	6206-2Z/C3
Connection Configuration	Y
Country of Origin	Finland (FI) 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	400 V	18.50 kW	2895 r/min	32.90 A	0.890	91.10 %	61.00 N-m	9.70
D	--	50 Hz	230 V	18.50 kW	2895 r/min	56.10 A	0.890	91.10 %	61.00 N-m	9.70
Y	--	60 Hz	460 V	18.50 kW	3505 r/min	28.20 A	0.910	91.60 %	50.30 N-m	10.50

Frame Material	Aluminum
Frame Size	132
Frequency (f)	50 Hz
Gross Weight	98 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 91.1 % Partial Load (75%) 92.0 % Partial Load (50%) 92.1 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 91.6 % Partial Load (75%) 91.8 % Partial Load (50%) 90.9 %
IM Class	IMB5 IM3001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 132SMJ 2
IP Class	IP55
Made To Order	No
Medium Description	18.5kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA131290-BSE)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	18.5 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	487 mm
Product Net Height	296 mm
Product Net Weight	93 kg
Product Net Width	262 mm
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA131317-BSE
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	18.5kW, 2P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

---

## Categories

---

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

