

PRODUCT-DETAILS

3GAA132280-CSE

IE2 High Efficiency Aluminum Motors, 15 kW, 400 V (3GAA132280-CSE)



General Information

Product ID	3GAA132280-CSE
ABB Type Designation	M3AA 132SMH 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 15 kW, 400 V (3GAA132280-CSE)

Additional Information

ABB Type Designation	M3AA 132SMH 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6308-2Z/C3
Bearing NDE	6206-2Z/C3
Connection Configuration	Y
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
Y	--	50 Hz	400 V	15.00 kW	1455 r/min	29.80 A	0.770	90.60 %	98.40 N·m	7.10
D	--	50 Hz	230 V	15.00 kW	1455 r/min	51.50 A	0.770	90.60 %	98.40 N·m	7.10
Y	--	60 Hz	460 V	15.00 kW	1760 r/min	26.00 A	0.780	91.70 %	81.50 N·m	8.20

Frame Material	Aluminum
Frame Size	132
Frequency (f)	50 Hz
Gross Weight	87 kg

IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 90.6 % Partial Load (75%) 91.0 % Partial Load (50%) 90.3 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 91.7 % Partial Load (75%) 91.5 % Partial Load (50%) 90.2 %
IM Class	IMB14 IM3601
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
IP Class	IP55
Made To Order	No
Medium Description	15kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA132280-CSE)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	15 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	82 kg
Product Net Width	262 mm
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	15kW, 4P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB14/IM3601
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S

Categories

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

