

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

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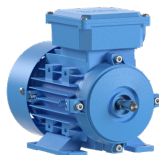
<https://abbengines.nt-rt.ru/> || aeg@nt-rt.ru

PRODUCT-DETAILS

3GAA062001-ASE

M2AA 63 A 4

For sale but "Obsolete", replaced by



General Information

Product ID	3GAA062001-ASE
ABB Type Designation	M2AA 63 A 4
Catalog Description	M2AA 63 A 4

Ordering

ABB Type Designation	M2AA 63 A 4
Invoice Description	M2AA 63 A 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) China (CN)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA062061-ASA
Stocked At (Warehouses)	Sant Quirze del Vallés - BCN, Spain

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	230 V	0.12 kW	1360 r/min	0.84 A	0.640
Y	--	50 Hz	400 V	0.12 kW	1360 r/min	0.49 A	0.640
Y	--	60 Hz	460 V	0.12 kW	1690 r/min	0.46 A	0.560

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
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	S

Mechanical

Frame Material	Aluminum
Frame Size	63
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	3 kg
Gross Weight	3 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

PRODUCT-DETAILS

3GAA063001-ASE

M2AA 63 A 6

For sale but "Obsolete", replaced by



General Information

Product ID	3GAA063001-ASE
ABB Type Designation	M2AA 63 A 6
Catalog Description	M2AA 63 A 6

Ordering

ABB Type Designation	M2AA 63 A 6
Invoice Description	M2AA 63 A 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA063001-ASC

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	230 V	0.09 kW	890 r/min	0.71 A	0.620
Y	--	50 Hz	400 V	0.09 kW	890 r/min	0.41 A	0.620
Y	--	60 Hz	460 V	0.09 kW	1110 r/min	0.38 A	0.550

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	63
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	4 kg
Gross Weight	4 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

PRODUCT-DETAILS

3GAA062002-ASE

M2AA 63 B 4

"No longer for sale" replaced by 3GAA062312-

General Information

Product ID	3GAA062002-ASE
ABB Type Designation	M2AA 63 B 4
Catalog Description	M2AA 63 B 4

Additional Information

ABB Type Designation	M2AA 63 B 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
Country of Origin	China (CN)
Customs Tariff Number	85015100

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.18 kW	1370 r/min	0.67 A	0.610	63.50 %	1.25 N·m	3.70
D	--	50 Hz	230 V	0.18 kW	1370 r/min	1.16 A	0.610	63.50 %	1.25 N·m	3.70
Y	--	60 Hz	460 V	0.18 kW	1700 r/min	0.61 A	0.550	66.60 %	1.00 N·m	4.00

Frame Material	Aluminum
Frame Size	63
Gross Weight	5.2 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 63.5 % Partial Load (75%) 61.0 % Partial Load (50%) 54.3 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 66.6 % Partial Load (75%) 63.3 % Partial Load (50%) 55.8 %
IM Class	IMB3 IM1001
Insulation Class	ICLF
Invoice Description	M2AA 63 B 4
IP Class	IP55

Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	4.2 kg
Product Type	2AA2__M2AA__IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GVA062002-ASA 3GAA062062-ASA
Replacement Product ID (NEW)	3GAA062312-ASF
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
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)

PRODUCT-DETAILS

3GAA063002-ASE

M2AA 63 B 6

For sale but "Obsolete", replaced by



General Information

Product ID	3GAA063002-ASE
ABB Type Designation	M2AA 63 B 6
Catalog Description	M2AA 63 B 6

Ordering

ABB Type Designation	M2AA 63 B 6
Invoice Description	M2AA 63 B 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN)
Customs Tariff Number	85015100
Stocked At (Warehouses)	Menden, Germany

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	230 V	0.12 kW	890 r/min	0.95 A	0.600
Y	--	50 Hz	400 V	0.12 kW	890 r/min	0.55 A	0.600
Y	--	60 Hz	460 V	0.12 kW	1110 r/min	0.51 A	0.530

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	63
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	4 kg
Gross Weight	4 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

PRODUCT-DETAILS

3GAA061003-BSE

No Description Available

For sale but "Obsolete", replaced by



General Information

Product ID	3GAA061003-BSE
ABB Type Designation	M2AA 63C 2
Catalog Description	No Description Available

Ordering

ABB Type Designation	M2AA 63C 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2__M2AA__IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) China (CN)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA061063-BSA
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	230 V	0.37 kW	2750 r/min	1.66 A	0.780
Y	--	50 Hz	400 V	0.37 kW	2750 r/min	0.96 A	0.780
Y	--	60 Hz	460 V	0.37 kW	3535 r/min	0.85 A	0.720

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	63
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	4.2 kg
Gross Weight	4.5 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

PRODUCT-DETAILS

3GAA062003-CSE

(3GAA062003-CSE)

For sale but "Obsolete", replaced by



General Information

Product ID	3GAA062003-CSE
ABB Type Designation	M2AA 63C 4
Catalog Description	(3GAA062003-CSE)

Ordering

ABB Type Designation	M2AA 63C 4
Invoice Description	M2AA 63C 4 0,25kW V380-420Y 50Hz B14
Product Name	3-Phase squirrel cage motor
Product Type	3AA2_M3AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	85015100

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.25 kW	1365 r/min	0.85 A	0.640	66.50 %	1.70 N·m	3.80
D	--	50 Hz	230 V	0.25 kW	1365 r/min	1.47 A	0.640	66.50 %	1.70 N·m	3.80
Y	--	60 Hz	460 V	0.25 kW	1715 r/min	0.78 A	0.570	70.30 %	1.39 N·m	4.40

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 66.5 % Partial Load (75%) 64.8 % Partial Load (50%) 58.5 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 70.3 % Partial Load (75%) 67.8 % Partial Load (50%) 61.2 %
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	S

Mechanical

Frame Material	Aluminum
Frame Size	63
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
Lubrication	For life
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	5 kg
Gross Weight	6 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
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

PRODUCT-DETAILS

3GAA063003-BSE

M2AA 63C 6 0,15kW V380-420Y 50Hz B5

"No longer for sale" replaced by 3GAA063313-

General Information

Product ID	3GAA063003-BSE
ABB Type Designation	M2AA 63C 6
Catalog Description	M2AA 63C 6 0,15kW V380-420Y 50Hz B5

Additional Information

ABB Type Designation	M2AA 63C 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
Country of Origin	China (CN)
Customs Tariff Number	85015100

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.15 kW	870 r/min	0.63 A	0.640	53.70 %	1.65 N-m	2.60
D	--	50 Hz	230 V	0.15 kW	870 r/min	1.09 A	0.640	53.70 %	1.67 N-m	2.60
Y	--	60 Hz	460 V	0.15 kW	1110 r/min	0.58 A	0.560	58.00 %	1.29 N-m	3.00

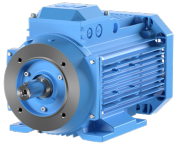
Frame Material	Aluminum
Frame Size	63
Gross Weight	6.4 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 53.7 % Partial Load (75%) 52.7 % Partial Load (50%) 46.8 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 58.0 % Partial Load (75%) 55.1 % Partial Load (50%) 47.7 %
IM Class	IMB5 IM3001
Insulation Class	ICLF
Invoice Description	M2AA 63C 6 0,15kW V380-420Y 50Hz B5
IP Class	IP55
Lubrication	For life
Made To Order	No

Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	5.4 kg
Product Type	2AA1_M2AA_IE1_AA
Quote Only	No
Replacement Product ID (NEW)	3GAA063313-BSF
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
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)

PRODUCT-DETAILS

3GAA071001-ASE

M2AA 71 A-2



General Information

Product ID	3GAA071001-ASE
ABB Type Designation	M2AA 71A 2
Catalog Description	M2AA 71 A-2
Long Description	M2AA 71 A-2

Ordering

ABB Type Designation	M2AA 71A 2
Invoice Description	M2AA 71 A-2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2 M2AA IE2 AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GVA071001-ASD

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.37 kW	2785 r/min	0.91 A	0.790	69.50 %	1.26 N·m	4.60
D	--	50 Hz	230 V	0.37 kW	2785 r/min	1.57 A	0.790	69.50 %	1.26 N·m	4.60
Y	--	60 Hz	460 V	0.37 kW	3425 r/min	0.80 A	0.750	72.00 %	1.03 N·m	5.80

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 69.5 % Partial Load (75%) 70.8 % Partial Load (50%) 67.8 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 72.0 % Partial Load (75%) 71.4 % Partial Load (50%) 66.6 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	4.9 kg
Gross Weight	7.9 kg

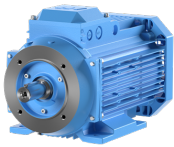
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA072001-ASE

M2AA 71A 4



General Information

Product ID	3GAA072001-ASE
ABB Type Designation	M2AA 71A 4
Catalog Description	M2AA 71A 4

Ordering

ABB Type Designation	M2AA 71A 4
Invoice Description	M2AA 71A 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA072061-ASA

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.25 kW	1365 r/min	0.72 A	0.760	65.10 %	1.74 N-m	4.00
D	--	50 Hz	230 V	0.25 kW	1365 r/min	1.25 A	0.760	65.10 %	1.74 N-m	4.00
Y	--	60 Hz	460 V	0.25 kW	1685 r/min	0.66 A	0.680	69.30 %	1.41 N-m	4.80

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 65.1 % Partial Load (75%) 66.0 % Partial Load (50%) 62.7 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 69.3 % Partial Load (75%) 68.7 % Partial Load (50%) 64.0 %
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	S

Mechanical

Frame Material	Aluminum
Frame Size	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	5.2 kg
Gross Weight	8.2 kg

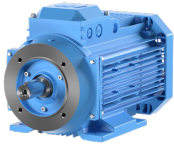
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA073001-ASE

M2AA 71A 6



General Information

Product ID	3GAA073001-ASE
ABB Type Designation	M2AA 71A 6
Catalog Description	M2AA 71A 6

Ordering

ABB Type Designation	M2AA 71A 6
Invoice Description	M2AA 71A 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) China (CN)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA073061-ASA

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.18 kW	870 r/min	0.61 A	0.710	56.60 %	1.97 N·m	2.80
D	--	50 Hz	230 V	0.18 kW	870 r/min	1.06 A	0.710	56.60 %	1.97 N·m	2.80
Y	--	60 Hz	460 V	0.18 kW	1100 r/min	0.54 A	0.640	55.00 %	1.56 N·m	3.40

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 56.6 % Partial Load (75%) 58.7 % Partial Load (50%) 54.8 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 55.0 % Partial Load (75%) 54.6 % Partial Load (50%) 48.2 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	5.5 kg
Gross Weight	8.5 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

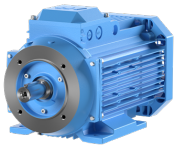
Categories

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

PRODUCT-DETAILS

3GAA071002-ASE

M2AA 71B 2



General Information

Product ID	3GAA071002-ASE
ABB Type Designation	M2AA 71B 2
Catalog Description	M2AA 71B 2

Ordering

ABB Type Designation	M2AA 71B 2
Invoice Description	M2AA 71B 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GVA071002-ASB 3GAA071062-ASA

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.55 kW	2790 r/min	1.29 A	0.790	74.10 %	1.88 N-m	5.10
D	--	50 Hz	230 V	0.55 kW	2790 r/min	2.24 A	0.790	74.10 %	1.88 N-m	5.10
Y	--	60 Hz	460 V	0.55 kW	3431 r/min	1.13 A	0.760	74.00 %	1.53 N-m	6.20

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 74.1 % Partial Load (75%) 75.4 % Partial Load (50%) 73.4 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 74.0 % Partial Load (75%) 73.6 % Partial Load (50%) 69.2 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	5.9 kg
Gross Weight	8.9 kg

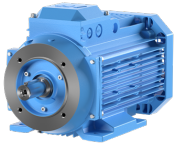
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA072002-AFE

M2AA 71B 4 0,37KW 4P 500VY 50HZ B3



General Information

Product ID	3GAA072002-AFE
ABB Type Designation	M2AA 71B 4
Catalog Description	M2AA 71B 4 0,37KW 4P 500VY 50HZ B3

Ordering

ABB Type Designation	M2AA 71B 4
Invoice Description	M2AA 71B 4 0,37KW 4P 500VY 50HZ B3
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) Romania (RO)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GVA072002-AFD

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	500 V	0.37 kW	1375 r/min	0.77 A	0.790	69.70 %	2.50 N·m	3.80

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 69.7 % Partial Load (75%) 71.9 % Partial Load (50%) 71.1 %
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	F

Mechanical

Frame Material	Aluminum
Frame Size	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	5.9 kg
Gross Weight	8.9 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

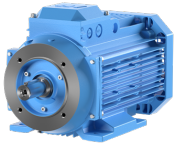
Categories

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

PRODUCT-DETAILS

3GAA073002-AFE

M2AA 71B 6 0,25kW V500Y 50Hz B3+209



General Information

Product ID	3GAA073002-AFE
ABB Type Designation	M2AA 71B 6
Catalog Description	M2AA 71B 6 0,25kW V500Y 50Hz B3+209

Ordering

ABB Type Designation	M2AA 71B 6
Invoice Description	M2AA 71B 6 0,25kW V500Y 50Hz B3+209
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Turkiye (TR)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GVA073002-AFD

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	500 V	0.25 kW	895 r/min	0.63 A	0.710	64.00 %	2.60 N-m	3.30

Temperature Class	Default	--
Altitude		1000 m
Ambient Temperature		40 °C
IC Class		IC411
IE Class Data (50 Hz)		IE Class IE2 Full Load (100%) 64.0 % Partial Load (75%) 63.6 % Partial Load (50%) 59.5 %
IP Class		IP55
Insulation Class		ICLF
Direction of Rotation		Both sides
Number of Poles (High)		6
Two Speed Motor		No
Type of Duty		S1
Voltage Code		F

Mechanical

Frame Material	Aluminum
Frame Size	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	6.5 kg
Gross Weight	9.5 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

PRODUCT-DETAILS

3GAA081001-AFE

M2AA 80A 2 0,75KW 2P 500VY 50HZ B3

General Information

Product ID	3GAA081001-AFE
ABB Type Designation	M2AA 80A 2
Catalog Description	M2AA 80A 2 0,75KW 2P 500VY 50HZ B3

Additional Information

ABB Type Designation	M2AA 80A 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Country of Origin	Poland (PL)
Customs Tariff Number	85015100

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	500 V	0.75 kW	2870 r/min	1.50 A	0.830	81.20 %	2.49 N-m	6.20
Y	--	60 Hz	575 V	0.90 kW	3445 r/min	1.50 A	0.860	81.20 %	2.49 N-m	6.20

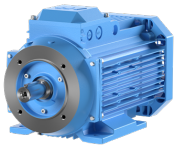
Frame Material	Aluminum
Frame Size	80
Gross Weight	9.4 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1
IM Class	IMB3 IM1001
Insulation Class	ICLF
Invoice Description	M2AA 80A 2 0,75KW 2P 500VY 50HZ B3
IP Class	IP55
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00072 kg/m ³
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 carton

Product Name	3-Phase squirrel cage motor
Product Net Weight	9 kg
Product Type	2AA1__M2AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GVA081001-AFC
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Sound dB (A)	60 dB(A)
Standards	IEC 60034-1
Starting of Motor	Direct Online
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	F
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA082001-AFE

No Description Available



General Information

Product ID	3GAA082001-AFE
ABB Type Designation	M2AA 80A 4
Catalog Description	No Description Available

Ordering

ABB Type Designation	M2AA 80A 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Turkiye (TR)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GVA082001-AFC

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	500 V	0.55 kW	1375 r/min	1.13 A	0.770	72.80 %	3.80 N-m	4.50
Y	--	60 Hz	575 V	0.55 kW	1683 r/min	1.01 A	0.720	76.00 %	3.11 N-m	5.50

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 72.8 % Partial Load (75%) 76.1 % Partial Load (50%) 75.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 76.0 % Partial Load (75%) 75.8 % Partial Load (50%) 72.5 %
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	F

Mechanical

Frame Material	Aluminum
Frame Size	80
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	8.5 kg
Gross Weight	11.5 kg

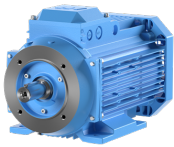
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA083001-BFE

M2AA 80A 6 0,37kW V500Y 50Hz B5+209



General Information

Product ID	3GAA083001-BFE
ABB Type Designation	M2AA 80A 6
Catalog Description	M2AA 80A 6 0,37kW V500Y 50Hz B5+209

Ordering

ABB Type Designation	M2AA 80A 6
Invoice Description	M2AA 80A 6 0,37kW V500Y 50Hz B5+209
Product Name	3-Phase squirrel cage motor
Product Type	2AA2__M2AA__IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Turkiye (TR)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GVA083001-BFC

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	500 V	0.37 kW	905 r/min	0.86 A	0.730	68.00 %	3.90 N-m	3.60

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 68.0 % Partial Load (75%) 70.7 % Partial Load (50%) 68.3 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	F

Mechanical

Frame Material	Aluminum
Frame Size	80
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	9 kg
Gross Weight	12 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

PRODUCT-DETAILS

3GAA081002-AFE

M2AA 80B 2 1,1kW V500Y 50Hz B3

General Information

Product ID	3GAA081002-AFE
ABB Type Designation	M2AA 80B 2
Catalog Description	M2AA 80B 2 1,1kW V500Y 50Hz B3

Additional Information

ABB Type Designation	M2AA 80B 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Country of Origin	Poland (PL)
Customs Tariff Number	85015220

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	500 V	1.10 kW	2850 r/min	2.00 A	0.830	81.40 %	3.69 N·m	6.10
Y	--	60 Hz	575 V	1.30 kW	3420 r/min	2.00 A	0.860	81.40 %	3.69 N·m	6.10

Frame Material	Aluminum
Frame Size	80
Gross Weight	11.4 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1
IM Class	IMB3 IM1001
Insulation Class	ICLF
Invoice Description	M2AA 80B 2 1,1kW V500Y 50Hz B3
IP Class	IP55
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00076 kg/m³
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	11 kg
Product Type	2AA1 M2AA IE1 AA
Quote Only	No

(OLD)

SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Sound dB (A)	60 dB(A)
Standards	IEC 60034-1
Starting of Motor	Direct Online
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	F
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA082002-ASE

0.75kW255-275V/440-480V60HzIP55

General Information

Product ID	3GAA082002-ASE
ABB Type Designation	M2AA 80B 4
Catalog Description	0.75kW255-275V/440-480V60HzIP55

Additional Information

ABB Type Designation	M2AA 80B 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Country of Origin	Poland (PL) China (CN) Romania (RO)
Customs Tariff Number	85015100
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	0.75 kW	1390 r/min	2.00 A	0.730	73.00 %	5.10 N·m	5.10
D	--	50 Hz	230 V	0.75 kW	1390 r/min	3.48 A	0.730	73.00 %	5.10 N·m	5.10
Y	--	60 Hz	460 V	0.75 kW	1710 r/min	1.77 A	0.680	78.10 %	4.10 N·m	6.10

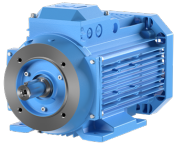
Frame Material	Aluminum
Frame Size	80
Gross Weight	13 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 73.0 % Partial Load (75%) 75.4 % Partial Load (50%) 73.6 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 78.1 % Partial Load (75%) 78.6 % Partial Load (50%) 75.9 %
IM Class	IMB3 IM1001
Insulation Class	ICLF

Invoice Description	0.75kW255-275V/440-480V60HzIP55
IP Class	IP55
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00157 kg/m ³
Number of Poles (High)	4
Package Level 1 Units	1 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	10 kg
Product Type	2AA1_M2AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GVA082002-ASA 3GAA082062-ASA 3GVA082002-ASAS 3GAA082002-ASA 3GVA082314-ASC 3GVA082002-ASB
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Sound dB (A)	50 dB(A)
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	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)

PRODUCT-DETAILS

3GAA083002-ASEK1

M2AA 80B 6 0,55KW 420Y 50Hz B3



General Information

Product ID	3GAA083002-ASEK1
ABB Type Designation	M2AA 80B 6
Catalog Description	M2AA 80B 6 0,55KW 420Y 50Hz B3

Ordering

ABB Type Designation	M2AA 80B 6
Invoice Description	M2AA 80B 6 0,55KW 420Y 50Hz B3
Product Name	3-Phase squirrel cage motor
Product Type	2AA2__M2AA__IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Turkiye (TR)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GVA083002-ASCK1

Electrical

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	380-420 V	0.55 kW	910 r/min	1.70 A	0.740	73.30 %	5.68 N·m	3.40
D	--	50 Hz	220-240 V	0.55 kW	910 r/min	3.00 A	0.740	73.30 %	5.68 N·m	3.40
Y	--	60 Hz	440-480 V	0.65 kW	1090 r/min	1.70 A	0.750	73.30 %	5.68 N·m	3.40
D	--	60 Hz	250-280 V	0.65 kW	1090 r/min	3.00 A	0.750	73.30 %	5.68 N·m	3.40

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Size	80
Bearing	6204-2ZC3
Bearing NDE	6203-2ZC3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	10 kg
Gross Weight	10.2 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

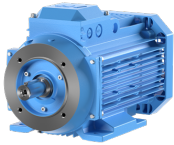
Categories

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

PRODUCT-DETAILS

3GAA082214-ADE

M2AA 80D 4



General Information

Product ID	3GAA082214-ADE
ABB Type Designation	M2AA 80D 4
Catalog Description	M2AA 80D 4

Ordering

ABB Type Designation	M2AA 80D 4
Invoice Description	M2AA 80D 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Italy (IT) Romania (RO)
Customs Tariff Number	85015100

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	400 V	0.75 kW	1415 r/min	1.65 A	0.820	79.80 %	5.00 N·m	5.90
D	--	60 Hz	460 V	0.75 kW	1730 r/min	1.62 A	0.700	82.60 %	4.10 N·m	7.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 79.8 % Partial Load (75%) 81.3 % Partial Load (50%) 79.9 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 82.6 % Partial Load (75%) 82.5 % Partial Load (50%) 79.8 %
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	80
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	12 kg
Gross Weight	15 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

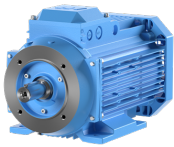
Categories

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

PRODUCT-DETAILS

3GAA091212-ASE

M2AA 90L 2



General Information

Product ID	3GAA091212-ASE
ABB Type Designation	M2AA 90L 2
Catalog Description	M2AA 90L 2

Ordering

ABB Type Designation	M2AA 90L 2
Invoice Description	M2AA 90L 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	1.50 kW	2900 r/min	2.90 A	0.860	84.10 %	4.90 N·m	7.60
D	--	50 Hz	230 V	1.50 kW	2900 r/min	5.04 A	0.860	84.10 %	4.90 N·m	7.60
Y	--	60 Hz	460 V	1.50 kW	3510 r/min	2.60 A	0.840	85.10 %	4.00 N·m	8.40

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 84.1 % Partial Load (75%) 85.0 % Partial Load (50%) 83.5 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 85.1 % Partial Load (75%) 85.0 % Partial Load (50%) 82.9 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	16 kg
Gross Weight	19 kg

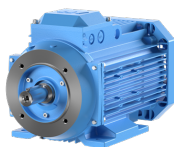
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA091212-BSE

M2AA 90L 2



General Information

Product ID	3GAA091212-BSE
ABB Type Designation	M2AA 90L 2
Catalog Description	M2AA 90L 2

Ordering

ABB Type Designation	M2AA 90L 2
Invoice Description	M2AA 90L 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	1.50 kW	2900 r/min	2.90 A	0.860	84.10 %	4.90 N·m	7.60
D	--	50 Hz	230 V	1.50 kW	2900 r/min	5.04 A	0.860	84.10 %	4.90 N·m	7.60
Y	--	60 Hz	460 V	1.50 kW	3510 r/min	2.60 A	0.840	85.10 %	4.00 N·m	8.40

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 84.1 % Partial Load (75%) 85.0 % Partial Load (50%) 83.5 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 85.1 % Partial Load (75%) 85.0 % Partial Load (50%) 82.9 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	16 kg
Gross Weight	19 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA091002-ASE

AC MOTOR,M2AA90L,2.2KW

General Information

Product ID	3GAA091002-ASE
ABB Type Designation	M2AA 90L 2
Catalog Description	AC MOTOR,M2AA90L,2.2KW
Long Description	AC MOTOR,M2AA90L,2.2KW

Ordering

ABB Type Designation	M2AA 90L 2
Invoice Description	AC MOTOR,M2AA90L,2.2KW
Product Name	3-Phase squirrel cage motor
Product Type	2AA1 M2AA IE1 AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA091062-ASA 3GAA091002-ASA
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	400 V	2.20 kW	2890 r/min	4.50 A	0.840	82.60 %	7.20 N·m	7.00
D	--	50 Hz	230 V	2.20 kW	2890 r/min	7.83 A	0.840	82.60 %	7.20 N·m	7.00
Y	--	50 Hz	415 V	2.20 kW	2900 r/min	4.60 A	0.800	82.60 %	7.20 N·m	7.20
Y	--	60 Hz	460 V	2.20 kW	3495 r/min	3.90 A	0.830	84.90 %	6.00 N·m	8.20

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 82.6 % Partial Load (75%) 83.9 %

IE Class Data (60 Hz)	Partial Load (50%) 82.6 % IE Class IE1 Full Load (100%) 84.9 % Partial Load (75%) 85.4 % Partial Load (50%) 83.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	16 kg
Gross Weight	19 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors

Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine General Performance Motors

PRODUCT-DETAILS

3GAA092002-ASE

M2AA 90L 4

General Information

Product ID	3GAA092002-ASE
ABB Type Designation	M2AA 90L 4
Catalog Description	M2AA 90L 4

Ordering

ABB Type Designation	M2AA 90L 4
Invoice Description	M2AA 90L 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA1 M2AA IE1 AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA092062-ASA 3GAA092002-ASA
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	400 V	1.50 kW	1420 r/min	3.50 A	0.750	81.30 %	10.00 N·m	5.80
D	--	50 Hz	230 V	1.50 kW	1420 r/min	6.09 A	0.750	81.30 %	10.00 N·m	5.80
Y	--	50 Hz	415 V	1.50 kW	1430 r/min	3.60 A	0.720	80.10 %	10.00 N·m	6.00
Y	--	60 Hz	460 V	1.50 kW	1735 r/min	3.00 A	0.730	83.60 %	8.20 N·m	6.90

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 80.1 % Partial Load (75%) 79.8 % Partial Load (50%) 76.9 %

Partial Load (75%) 83.6 %
 Partial Load (50%) 81.1 %

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	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	16 kg
Gross Weight	19 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors
 Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine General Performance Motors

PRODUCT-DETAILS

3GAA093002-ASE

M2AA 90L 6

General Information

Product ID	3GAA093002-ASE
ABB Type Designation	M2AA 90L 6
Catalog Description	M2AA 90L 6

Ordering

ABB Type Designation	M2AA 90L 6
Invoice Description	M2AA 90L 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Romania (RO) China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA093002-ASA 3GAA093062-ASA

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	1.10 kW	915 r/min	3.40 A	0.630	73.00 %	11.40 N·m	3.20
D	--	50 Hz	230 V	1.10 kW	915 r/min	5.91 A	0.630	73.00 %	11.40 N·m	3.20
Y	--	50 Hz	415 V	1.10 kW	920 r/min	3.50 A	0.590	73.00 %	11.40 N·m	3.20
Y	--	60 Hz	460 V	1.10 kW	1130 r/min	2.90 A	0.610	77.70 %	9.20 N·m	3.80

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411

	Full Load (100%) 73.0 % Partial Load (75%) 72.1 % Partial Load (50%) 67.3 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 77.7 % Partial Load (75%) 77.3 % Partial Load (50%) 73.4 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	16 kg
Gross Weight	19 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

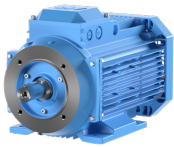
Categories

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors
 Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Global Motors
 Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors

PRODUCT-DETAILS

3GAA091213-ASE

M2AA 90LB 2



General Information

Product ID	3GAA091213-ASE
ABB Type Designation	M2AA 90LB 2
Catalog Description	M2AA 90LB 2

Ordering

ABB Type Designation	M2AA 90LB 2
Invoice Description	M2AA 90LB 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	2.20 kW	2870 r/min	4.40 A	0.860	84.60 %	7.30 N·m	6.90
D	--	50 Hz	230 V	2.20 kW	2870 r/min	7.65 A	0.860	84.60 %	7.30 N·m	6.90
Y	--	60 Hz	460 V	2.20 kW	3480 r/min	3.70 A	0.870	85.80 %	6.00 N·m	7.90

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 84.6 % Partial Load (75%) 85.6 % Partial Load (50%) 84.8 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 85.8 % Partial Load (75%) 85.9 % Partial Load (50%) 84.2 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	18 kg
Gross Weight	21 kg

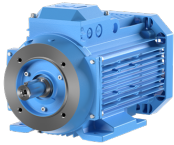
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA092214-ASE

M2AA 90LB 4



General Information

Product ID	3GAA092214-ASE
ABB Type Designation	M2AA 90LB 4
Catalog Description	M2AA 90LB 4

Ordering

ABB Type Designation	M2AA 90LB 4
Invoice Description	M2AA 90LB 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	1.10 kW	1435 r/min	2.40 A	0.780	83.70 %	7.30 N·m	6.60
D	--	50 Hz	230 V	1.10 kW	1435 r/min	4.17 A	0.780	83.70 %	7.30 N·m	6.60
Y	--	60 Hz	460 V	1.10 kW	1740 r/min	2.10 A	0.760	84.60 %	6.00 N·m	7.60

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 83.7 % Partial Load (75%) 83.7 % Partial Load (50%) 81.7 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 84.6 % Partial Load (75%) 83.7 % Partial Load (50%) 80.8 %
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	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	16 kg
Gross Weight	19 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

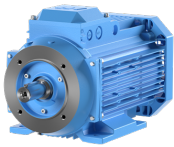
Categories

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

PRODUCT-DETAILS

3GAA093213-ASE

M2AA 90LB 6



General Information

Product ID	3GAA093213-ASE
ABB Type Designation	M2AA 90LB 6
Catalog Description	M2AA 90LB 6

Ordering

ABB Type Designation	M2AA 90LB 6
Invoice Description	M2AA 90LB 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) Sweden (SE) China (CN)
Customs Tariff Number	85015100

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency
D	--	50 Hz	230 V	0.75 kW	930 r/min	3.40 A	0.710	77.60 %
Y	--	50 Hz	400 V	0.75 kW	930 r/min	1.96 A	0.710	77.60 %
Y	--	60 Hz	460 V	0.75 kW	1140 r/min	1.71 A	0.680	80.70 %

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 77.6 % Partial Load (75%) 76.2 % Partial Load (50%) 75.6 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 80.7 % Partial Load (75%) 80.5 % Partial Load (50%) 77.4 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	18 kg
Gross Weight	18 kg

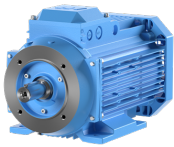
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA092215-ASE

M2AA 90LD 4



General Information

Product ID	3GAA092215-ASE
ABB Type Designation	M2AA 90LD 4
Catalog Description	M2AA 90LD 4

Ordering

ABB Type Designation	M2AA 90LD 4
Invoice Description	M2AA 90LD 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	1.50 kW	1435 r/min	3.30 A	0.760	84.20 %	9.90 N-m	7.00
D	--	50 Hz	230 V	1.50 kW	1435 r/min	5.74 A	0.760	84.20 %	9.90 N-m	7.00
Y	--	60 Hz	460 V	1.50 kW	1750 r/min	3.00 A	0.720	85.40 %	8.10 N-m	8.20

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 84.2 % Partial Load (75%) 84.1 % Partial Load (50%) 81.9 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 85.4 % Partial Load (75%) 84.1 % Partial Load (50%) 80.6 %
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	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	17 kg
Gross Weight	20 kg

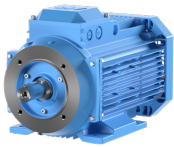
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA093214-ASE

M2AA 90LD 6



General Information

Product ID	3GAA093214-ASE
ABB Type Designation	M2AA 90LD 6
Catalog Description	M2AA 90LD 6

Ordering

ABB Type Designation	M2AA 90LD 6
Invoice Description	M2AA 90LD 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency
D	--	50 Hz	230 V	1.10 kW	935 r/min	5.30 A	0.660	78.20 %
Y	--	50 Hz	400 V	1.10 kW	935 r/min	3.00 A	0.660	78.20 %
Y	--	60 Hz	460 V	1.10 kW	1145 r/min	2.60 A	0.640	81.00 %

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 78.2 % Partial Load (75%) 79.1 % Partial Load (50%) 76.5 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 81.0 % Partial Load (75%) 80.3 % Partial Load (50%) 76.8 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	20 kg
Gross Weight	20 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA091001-ASE

M2AA 90S 2

General Information

Product ID	3GAA091001-ASE
ABB Type Designation	M2AA 90S 2
Catalog Description	M2AA 90S 2

Ordering

ABB Type Designation	M2AA 90S 2
Invoice Description	M2AA 90S 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA1 M2AA IE1 AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA091001-ASA 3GAA091061-ASA
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	400 V	1.50 kW	2895 r/min	3.60 A	0.750	78.50 %	4.90 N·m	6.40
D	--	50 Hz	230 V	1.50 kW	2895 r/min	6.26 A	0.750	78.50 %	4.90 N·m	6.40
Y	--	50 Hz	415 V	1.50 kW	2905 r/min	4.00 A	0.670	77.20 %	4.90 N·m	6.40
Y	--	60 Hz	460 V	1.50 kW	3510 r/min	3.00 A	0.760	81.70 %	4.00 N·m	7.30

Temperature Class	--
Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 77.2 % Partial Load (75%) 74.6 % Partial Load (50%) 67.1 %

Partial Load (75%) 81.4 %
 Partial Load (50%) 78.5 %

IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	13 kg
Gross Weight	16 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors
 Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine General Performance Motors

PRODUCT-DETAILS

3GAA091001-ASE

M2AA 90S 2

General Information

Product ID	3GAA091001-ASE
ABB Type Designation	M2AA 90S 2
Catalog Description	M2AA 90S 2

Ordering

ABB Type Designation	M2AA 90S 2
Invoice Description	M2AA 90S 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA1 M2AA IE1 AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA091001-ASA 3GAA091061-ASA
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	400 V	1.50 kW	2895 r/min	3.60 A	0.750	78.50 %	4.90 N·m	6.40
D	--	50 Hz	230 V	1.50 kW	2895 r/min	6.26 A	0.750	78.50 %	4.90 N·m	6.40
Y	--	50 Hz	415 V	1.50 kW	2905 r/min	4.00 A	0.670	77.20 %	4.90 N·m	6.40
Y	--	60 Hz	460 V	1.50 kW	3510 r/min	3.00 A	0.760	81.70 %	4.00 N·m	7.30

Temperature Class	--
Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 77.2 % Partial Load (75%) 74.6 % Partial Load (50%) 67.1 %

Partial Load (75%) 81.4 %
 Partial Load (50%) 78.5 %

IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	13 kg
Gross Weight	16 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors
 Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine General Performance Motors

PRODUCT-DETAILS

3GAA092001-ASE

M2AA 90S 4

General Information

Product ID	3GAA092001-ASE
ABB Type Designation	M2AA 90S 4
Catalog Description	M2AA 90S 4

Ordering

ABB Type Designation	M2AA 90S 4
Invoice Description	M2AA 90S 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA1 M2AA IE1 AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Spain (ES) China (CN) Sweden (SE) Romania (RO)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA092001-ASA 3GAA092061-ASA
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	400 V	1.10 kW	1420 r/min	2.60 A	0.770	77.20 %	7.30 N·m	4.80
D	--	50 Hz	230 V	1.10 kW	1420 r/min	4.52 A	0.770	77.20 %	7.30 N·m	4.80
Y	--	50 Hz	415 V	1.10 kW	1430 r/min	2.60 A	0.740	76.70 %	7.30 N·m	5.00
Y	--	60 Hz	460 V	1.10 kW	1730 r/min	2.20 A	0.750	80.90 %	6.00 N·m	5.80

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 76.7 % Partial Load (75%) 76.3 % Partial Load (50%) 72.4 %

Full Load (100%) 80.9 %
 Partial Load (75%) 81.3 %
 Partial Load (50%) 78.7 %

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	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	13 kg
Gross Weight	16 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors
 Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine General Performance Motors

PRODUCT-DETAILS

3GAA093001-ASE

M2AA 90S 6

General Information

Product ID	3GAA093001-ASE
ABB Type Designation	M2AA 90S 6
Catalog Description	M2AA 90S 6

Ordering

ABB Type Designation	M2AA 90S 6
Invoice Description	M2AA 90S 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Romania (RO) China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA093001-ASA 3GAA093061-ASA

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.75 kW	925 r/min	2.30 A	0.640	71.50 %	7.70 N-m	3.60
D	--	50 Hz	230 V	0.75 kW	925 r/min	4.00 A	0.640	71.50 %	7.70 N-m	3.60
Y	--	50 Hz	415 V	0.75 kW	930 r/min	2.40 A	0.600	70.00 %	7.70 N-m	3.70
Y	--	60 Hz	460 V	0.75 kW	1140 r/min	2.00 A	0.590	76.50 %	6.20 N-m	4.30

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411

	Full Load (100%) 70.0 % Partial Load (75%) 68.0 % Partial Load (50%) 61.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 76.5 % Partial Load (75%) 75.4 % Partial Load (50%) 70.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	13 kg
Gross Weight	16 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

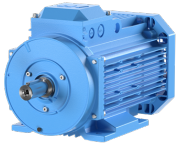
Categories

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors
 Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Global Motors
 Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors

PRODUCT-DETAILS

3GAA101001-ASE

(3GAA101001-ASE)



General Information

Product ID	3GAA101001-ASE
ABB Type Designation	M2AA 100L 2
Catalog Description	(3GAA101001-ASE)

Ordering

ABB Type Designation	M2AA 100L 2
Invoice Description	M2AA 100L 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) China (CN) Sweden (SE)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA101001-ASA 3GAA101061-ASA
Stocked At (Warehouses)	Menden, Germany

Electrical

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	3.00 kW	2905 r/min	6.10 A	0.840	84.50 %	9.80 N·m	7.50
D	--	50 Hz	230 V	3.00 kW	2905 r/min	10.60 A	0.840	84.50 %	9.80 N·m	7.50
Y	--	50 Hz	415 V	3.00 kW	2905 r/min	6.10 A	0.820	83.40 %	9.80 N·m	7.30
Y	--	60 Hz	460 V	3.00 kW	3520 r/min	5.40 A	0.800	86.30 %	8.10 N·m	8.90

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 83.4 % Partial Load (75%) 83.3 % Partial Load (50%) 81.4 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 86.3 % Partial Load (75%) 86.2 % Partial Load (50%) 83.8 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	21 kg
Gross Weight	26 kg

Classifications

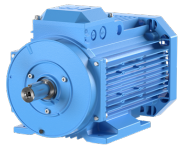
Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Categories

PRODUCT-DETAILS

3GAA103001-BSE

M2AA 100L 6



General Information

Product ID	3GAA103001-BSE
ABB Type Designation	M2AA 100L 6
Catalog Description	M2AA 100L 6
Long Description	M2AA 100L 6

Ordering

ABB Type Designation	M2AA 100L 6
Invoice Description	M2AA 100L 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Romania (RO) China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA103061-BSA 3GAA103001-BSA

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	1.50 kW	950 r/min	3.90 A	0.690	79.60 %	15.00 N-m	4.20
D	--	50 Hz	230 V	1.50 kW	950 r/min	6.78 A	0.690	79.60 %	15.00 N-m	4.20
Y	--	50 Hz	415 V	1.50 kW	955 r/min	3.90 A	0.660	79.10 %	15.00 N-m	4.40
Y	--	60 Hz	460 V	1.50 kW	1155 r/min	3.40 A	0.670	82.40 %	12.40 N-m	4.80

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 79.1 % Partial Load (75%) 78.6 % Partial Load (50%) 75.2 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 82.4 % Partial Load (75%) 82.1 % Partial Load (50%) 79.0 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	23 kg
Gross Weight	28 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

PRODUCT-DETAILS

3GAA102001-ASE

M2AA 100 LA4 B3 2.2KW AC



General Information

Product ID	3GAA102001-ASE
ABB Type Designation	M2AA 100LA 4
Catalog Description	M2AA 100 LA4 B3 2.2KW AC

Ordering

ABB Type Designation	M2AA 100LA 4
Invoice Description	M2AA 100 LA4 B3 2.2KW AC
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA102001-ASA 3GAA102061-ASA
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	400 V	2.20 kW	1430 r/min	4.90 A	0.780	82.30 %	14.60 N·m	5.60
D	--	50 Hz	230 V	2.20 kW	1430 r/min	8.52 A	0.780	82.30 %	14.60 N·m	5.60
Y	--	60 Hz	460 V	2.20 kW	1740 r/min	4.30 A	0.750	85.10 %	12.00 N·m	6.60

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 82.3 % Partial Load (75%) 83.4 % Partial Load (50%) 82.5 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 85.1 % Partial Load (75%) 85.5 % Partial Load (50%) 83.7 %
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	S

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	21 kg
Gross Weight	26 kg

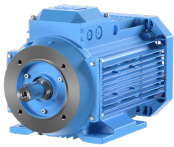
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

PRODUCT-DETAILS

3GAA101212-ASE

(3GAA101212-ASE)



General Information

Product ID	3GAA101212-ASE
ABB Type Designation	M2AA 100LB 2
Catalog Description	(3GAA101212-ASE)

Ordering

ABB Type Designation	M2AA 100LB 2
Invoice Description	M2AA 100LB 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	3.00 kW	2920 r/min	5.80 A	0.860	86.40 %	9.80 N-m	9.30
D	--	50 Hz	230 V	3.00 kW	2920 r/min	10.10 A	0.860	86.40 %	9.80 N-m	9.30
Y	--	60 Hz	460 V	3.00 kW	3530 r/min	5.10 A	0.840	87.50 %	8.10 N-m	10.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.4 % Partial Load (75%) 86.1 % Partial Load (50%) 84.0 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 87.5 % Partial Load (75%) 86.8 % Partial Load (50%) 84.6 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	25 kg
Gross Weight	30 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA102002-ASE

M2AA 100LB 4



General Information

Product ID	3GAA102002-ASE
ABB Type Designation	M2AA 100LB 4
Catalog Description	M2AA 100LB 4

Ordering

ABB Type Designation	M2AA 100LB 4
Invoice Description	M2AA 100LB 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA102062-ASA 3GAA102002-ASA
Stocked At (Warehouses)	Menden, Germany Alabama, United States

Electrical

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	3.00 kW	1430 r/min	6.50 A	0.780	84.60 %	20.00 N·m	6.40
D	--	50 Hz	230 V	3.00 kW	1430 r/min	11.30 A	0.780	84.60 %	20.00 N·m	6.40
Y	--	50 Hz	415 V	3.00 kW	1440 r/min	6.70 A	0.740	84.10 %	20.00 N·m	6.50
Y	--	60 Hz	460 V	3.00 kW	1740 r/min	5.60 A	0.770	87.10 %	16.40 N·m	7.60

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 84.1 % Partial Load (75%) 84.0 % Partial Load (50%) 81.2 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 87.1 % Partial Load (75%) 87.5 % Partial Load (50%) 85.8 %
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	S

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	24 kg
Gross Weight	29 kg

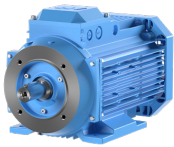
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

PRODUCT-DETAILS

3GAA102213-ASE

(3GAA102213-ASE)



General Information

Product ID	3GAA102213-ASE
ABB Type Designation	M2AA 100LC 4
EAN	3GAA102213-ASE
Catalog Description	(3GAA102213-ASE)

Ordering

ABB Type Designation	M2AA 100LC 4
Invoice Description	M2AA 100LC 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	2.20 kW	1450 r/min	4.60 A	0.790	86.40 %	14.40 N·m	7.30
D	--	50 Hz	230 V	2.20 kW	1450 r/min	8.00 A	0.790	86.40 %	14.40 N·m	7.30
Y	--	60 Hz	460 V	2.20 kW	1760 r/min	4.20 A	0.750	87.50 %	11.90 N·m	9.10

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.4 % Partial Load (75%) 86.2 % Partial Load (50%) 84.1 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 87.5 % Partial Load (75%) 86.9 % Partial Load (50%) 84.2 %
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	S

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	25 kg
Gross Weight	30 kg

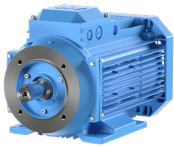
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA103212-ASE

(3GAA103212-ASE)



General Information

Product ID	3GAA103212-ASE
ABB Type Designation	M2AA 100LC 6
EAN	3GAA103212-ASE
Catalog Description	(3GAA103212-ASE)

Ordering

ABB Type Designation	M2AA 100LC 6
Invoice Description	M2AA 100LC 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency
D	--	50 Hz	230 V	1.50 kW	945 r/min	6.40 A	0.730	80.30 %
Y	--	50 Hz	400 V	1.50 kW	945 r/min	3.60 A	0.730	80.30 %
Y	--	60 Hz	460 V	1.50 kW	1150 r/min	3.20 A	0.700	83.30 %

Temperature Class	Default	--
Altitude		1000 m
Ambient Temperature		40 °C
IC Class		IC411
IE Class Data (50 Hz)		IE Class IE2 Full Load (100%) 80.3 % Partial Load (75%) 81.4 % Partial Load (50%) 80.7 %
IE Class Data (60 Hz)		IE Class IE1 Full Load (100%) 83.3 % Partial Load (75%) 83.7 % Partial Load (50%) 81.6 %
IP Class		IP55
Insulation Class		ICLF
Direction of Rotation		Both sides
Number of Poles (High)		6
Two Speed Motor		No
Type of Duty		S1
Voltage Code		S

Mechanical

Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	26 kg
Gross Weight	26 kg

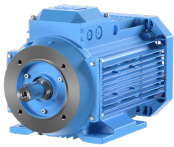
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA102214-ASE

(3GAA102214-ASE)



General Information

Product ID	3GAA102214-ASE
ABB Type Designation	M2AA 100LD 4
Catalog Description	(3GAA102214-ASE)

Ordering

ABB Type Designation	M2AA 100LD 4
Invoice Description	M2AA 100LD 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	3.00 kW	1445 r/min	6.30 A	0.790	85.70 %	19.80 N-m	7.00
D	--	50 Hz	230 V	3.00 kW	1445 r/min	11.00 A	0.790	85.70 %	19.80 N-m	7.00
Y	--	60 Hz	460 V	3.00 kW	1750 r/min	5.30 A	0.800	88.20 %	16.30 N-m	8.20

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 85.7 % Partial Load (75%) 86.1 % Partial Load (50%) 85.1 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 88.2 % Partial Load (75%) 87.5 % Partial Load (50%) 85.6 %
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	S

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	28 kg
Gross Weight	33 kg

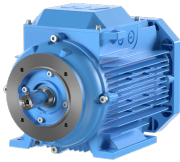
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA111101-ADE

M2AA 112M 2



General Information

Product ID	3GAA111101-ADE
ABB Type Designation	M2AA 112M 2
Catalog Description	M2AA 112M 2

Ordering

ABB Type Designation	M2AA 112M 2
Invoice Description	M2AA 112M 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Romania (RO) China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA101101-ADE 3GAA111061-ADA 3GAA111001-ADA
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	4.00 kW	2885 r/min	4.59 A	0.850	85.70 %	13.20 N·m	7.40
D	--	50 Hz	400 V	4.00 kW	2885 r/min	7.90 A	0.850	85.70 %	13.20 N·m	7.40
D	--	50 Hz	415 V	4.00 kW	2895 r/min	7.80 A	0.830	85.30 %	13.20 N·m	7.60
D	--	60 Hz	460 V	4.00 kW	3500 r/min	6.60 A	0.870	87.30 %	10.90 N·m	8.70

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 85.3 % Partial Load (75%) 86.0 % Partial Load (50%) 84.6 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 87.3 % Partial Load (75%) 88.0 % Partial Load (50%) 86.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	112
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	26 kg
Gross Weight	31 kg

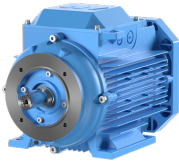
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

PRODUCT-DETAILS

3GAA112101-ADE

M2AA 112M 4



General Information

Product ID	3GAA112101-ADE
ABB Type Designation	M2AA 112M 4
Catalog Description	M2AA 112M 4

Ordering

ABB Type Designation	M2AA 112M 4
Invoice Description	M2AA 112M 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Romania (RO) China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA112061-ADA 3GAA102101-ADE 3GAA112001-ADA
Stocked At (Warehouses)	Menden, Germany

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	400 V	4.00 kW	1430 r/min	8.30 A	0.830	83.50 %	26.80 N·m	6.10
D	--	60 Hz	460 V	4.00 kW	1740 r/min	7.00 A	0.820	86.30 %	22.00 N·m	7.10

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 83.5 % Partial Load (75%) 85.1 % Partial Load (50%) 85.0 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 86.3 % Partial Load (75%) 87.4 % Partial Load (50%) 86.7 %
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	112
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	29 kg
Gross Weight	34 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

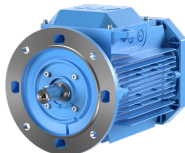
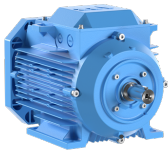
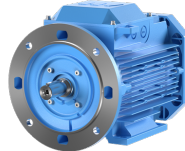
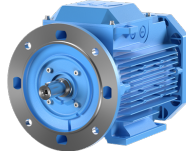
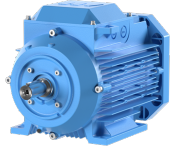
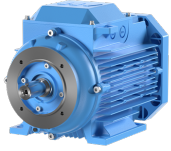
Categories

Motors and Generators → IEC Low Voltage AC Motors → Brake Motors

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors

Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine General Performance Motors

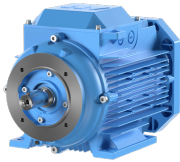
Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors



PRODUCT-DETAILS

3GAA113101-ASE

(3GAA113101-ASE)



General Information

Product ID	3GAA113101-ASE
ABB Type Designation	M2AA 112M 6
Catalog Description	(3GAA113101-ASE)

Ordering

ABB Type Designation	M2AA 112M 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Romania (RO) China (CN) Sweden (SE)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA113061-ASA 3GAA113001-ASB 3GAA103101-ASE

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	230 V	2.20 kW	955 r/min	10.00 A	0.670	81.60 %	22.00 N·m	5.10
Y	--	50 Hz	400 V	2.20 kW	955 r/min	5.80 A	0.670	81.60 %	22.00 N·m	5.10
Y	--	60 Hz	460 V	2.20 kW	1160 r/min	4.90 A	0.650	85.50 %	18.10 N·m	5.90

Temperature Class Default	--
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 81.6 % Partial Load (75%) 82.0 % Partial Load (50%) 79.4 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 85.5 %
IP Class	IP55
Insulation Class	ICLF
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	112
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	27 kg
Gross Weight	27.65 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

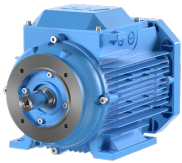
Categories

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

PRODUCT-DETAILS

3GAA111212-ADE

(3GAA111212-ADE)



General Information

Product ID	3GAA111212-ADE
ABB Type Designation	M2AA 112MB 2
Catalog Description	(3GAA111212-ADE)

Ordering

ABB Type Designation	M2AA 112MB 2
Invoice Description	M2AA 112MB 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) Sweden (SE) China (CN)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	4.00 kW	2885 r/min	4.30 A	0.880	86.10 %	13.20 N-m	7.60
D	--	50 Hz	400 V	4.00 kW	2885 r/min	7.60 A	0.880	86.10 %	13.20 N-m	7.60
D	--	60 Hz	460 V	4.00 kW	3490 r/min	6.20 A	0.910	87.60 %	10.90 N-m	8.10

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.1 % Partial Load (75%) 87.0 % Partial Load (50%) 88.0 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 87.6 % Partial Load (75%) 88.4 % Partial Load (50%) 87.8 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	112
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

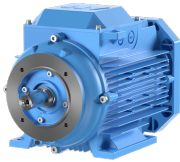
Package Level 1 Units	0 carton
Product Net Weight	30 kg
Gross Weight	35 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA112212-ADE (3GAA112212-ADE)



General Information

Product ID	3GAA112212-ADE
ABB Type Designation	M2AA 112MB 4
Catalog Description	(3GAA112212-ADE)

Ordering

ABB Type Designation	M2AA 112MB 4
Invoice Description	M2AA 112MB 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) Sweden (SE) China (CN) Romania (RO)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Vittuone, Italy

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	4.00 kW	1445 r/min	5.00 A	0.750	86.70 %	26.40 N·m	7.30
D	--	50 Hz	400 V	4.00 kW	1445 r/min	8.80 A	0.750	86.70 %	26.40 N·m	7.30
D	--	60 Hz	460 V	4.00 kW	1745 r/min	7.40 A	0.770	87.60 %	21.80 N·m	8.20

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.7 % Partial Load (75%) 86.5 % Partial Load (50%) 85.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 87.6 % Partial Load (75%) 87.5 % Partial Load (50%) 85.7 %
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	112
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	34 kg
Gross Weight	39 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

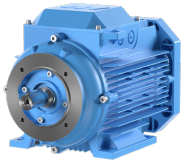
Categories

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

PRODUCT-DETAILS

3GAA113212-ASE

(3GAA113212-ASE)



General Information

Product ID	3GAA113212-ASE
ABB Type Designation	M2AA 112MB 6
Catalog Description	(3GAA113212-ASE)

Ordering

ABB Type Designation	M2AA 112MB 6
Invoice Description	M2AA 112MB 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	2.20 kW	955 r/min	5.30 A	0.720	81.90 %	21.90 N·m	5.20
D	--	50 Hz	230 V	2.20 kW	955 r/min	9.22 A	0.720	81.90 %	21.90 N·m	5.20
Y	--	60 Hz	460 V	2.20 kW	1160 r/min	5.00 A	0.650	84.40 %	18.10 N·m	5.90

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 81.9 % Partial Load (75%) 81.8 % Partial Load (50%) 79.2 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 84.4 % Partial Load (75%) 83.8 % Partial Load (50%) 80.6 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	112
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	28 kg
Gross Weight	33 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

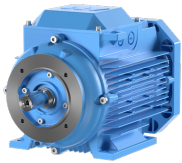
Categories

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

PRODUCT-DETAILS

3GAA132002-ADE

(3GAA132002-ADE)



General Information

Product ID	3GAA132002-ADE
ABB Type Designation	M2AA 132M 4
Catalog Description	(3GAA132002-ADE)

Ordering

ABB Type Designation	M2AA 132M 4
Invoice Description	M2AA 132M 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Poland (PL)
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	7.50 kW	1450 r/min	9.30 A	0.750	88.60 %	49.30 N-m	6.10
D	--	50 Hz	400 V	7.50 kW	1450 r/min	16.20 A	0.750	88.60 %	49.30 N-m	6.10
D	--	60 Hz	460 V	7.50 kW	1760 r/min	13.30 A	0.790	89.40 %	40.60 N-m	7.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 88.6 % Partial Load (75%) 89.2 % Partial Load (50%) 88.4 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 89.4 %
IP Class	IP55
Insulation Class	ICLF
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

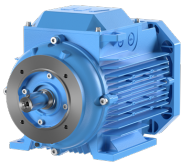
Package Level 1 Units	1 carton
Product Net Weight	48 kg
Gross Weight	49.38 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

PRODUCT-DETAILS

3GAA132214-ADE (3GAA132214-ADE)



General Information

Product ID	3GAA132214-ADE
ABB Type Designation	M2AA 132MA 4
Catalog Description	(3GAA132214-ADE)

Ordering

ABB Type Designation	M2AA 132MA 4
Invoice Description	M2AA 132MA 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	7.50 kW	1460 r/min	8.57 A	0.790	88.70 %	49.00 N·m	6.40
D	--	50 Hz	400 V	7.50 kW	1460 r/min	14.70 A	0.790	88.70 %	49.00 N·m	6.40
D	--	60 Hz	460 V	7.50 kW	1764 r/min	12.80 A	0.810	89.50 %	40.60 N·m	7.50

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 88.7 % Partial Load (75%) 89.5 % Partial Load (50%) 89.0 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 89.5 % Partial Load (75%) 89.6 % Partial Load (50%) 88.3 %
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	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	59 kg
Gross Weight	64 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

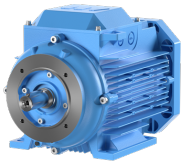
Categories

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

PRODUCT-DETAILS

3GAA133002-ADE

(3GAA133002-ADE)



General Information

Product ID	3GAA133002-ADE
ABB Type Designation	M2AA 132MA 6
Catalog Description	(3GAA133002-ADE)

Ordering

ABB Type Designation	M2AA 132MA 6
Invoice Description	M2AA 132MA 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Romania (RO) Poland (PL)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	4.00 kW	965 r/min	6.10 A	0.650	83.60 %	39.50 N-m	5.10
D	--	50 Hz	400 V	4.00 kW	965 r/min	10.60 A	0.650	83.60 %	39.50 N-m	5.10
D	--	60 Hz	460 V	4.00 kW	1160 r/min	8.00 A	0.740	84.70 %	32.90 N-m	4.80

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 83.6 % Partial Load (75%) 83.2 % Partial Load (50%) 80.8 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 84.7 %
IP Class	IP55
Insulation Class	ICLF
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	46 kg
Gross Weight	47.38 kg

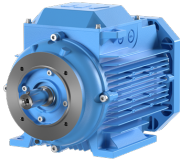
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

PRODUCT-DETAILS

3GAA133003-ADE

(3GAA133003-ADE)



General Information

Product ID	3GAA133003-ADE
ABB Type Designation	M2AA 132MB 6
Catalog Description	(3GAA133003-ADE)

Ordering

ABB Type Designation	M2AA 132MB 6
Invoice Description	M2AA 132MB 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Spain (ES) China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	5.50 kW	960 r/min	7.60 A	0.710	83.80 %	54.70 N-m	5.30
D	--	50 Hz	400 V	5.50 kW	960 r/min	13.30 A	0.710	83.80 %	54.70 N-m	5.30
D	--	60 Hz	460 V	5.50 kW	1165 r/min	10.70 A	0.740	87.10 %	45.00 N-m	6.10

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 83.8 % Partial Load (75%) 84.3 % Partial Load (50%) 82.9 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 87.1 %
IP Class	IP55
Insulation Class	ICLF
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

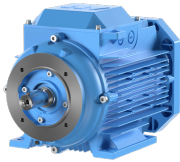
Package Level 1 Units	1 carton
Product Net Weight	54 kg
Gross Weight	55.38 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

PRODUCT-DETAILS

3GAA133214-ADE (3GAA133214-ADE)



General Information

Product ID	3GAA133214-ADE
ABB Type Designation	M2AA 132MC 6
Catalog Description	(3GAA133214-ADE)

Ordering

ABB Type Designation	M2AA 132MC 6
Invoice Description	M2AA 132MC 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) Sweden (SE) China (CN)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	5.50 kW	965 r/min	7.74 A	0.670	86.10 %	54.30 N·m	6.20
D	--	50 Hz	400 V	5.50 kW	965 r/min	13.30 A	0.670	86.10 %	54.30 N·m	6.20
D	--	60 Hz	460 V	5.50 kW	1165 r/min	11.80 A	0.670	87.60 %	44.96 N·m	6.80

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.1 % Partial Load (75%) 85.6 % Partial Load (50%) 83.0 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 87.6 % Partial Load (75%) 86.5 % Partial Load (50%) 83.4 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	59 kg
Gross Weight	64 kg

Classifications

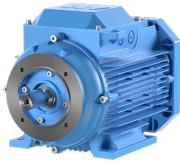
Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

PRODUCT-DETAILS

3GAA132001-ADE (3GAA132001-ADE)



General Information

Product ID	3GAA132001-ADE
ABB Type Designation	M2AA 132S 4
Catalog Description	(3GAA132001-ADE)

Ordering

ABB Type Designation	M2AA 132S 4
Invoice Description	M2AA 132S 4
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Poland (PL)
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	5.50 kW	1450 r/min	7.00 A	0.750	86.50 %	36.20 N·m	5.60
D	--	50 Hz	400 V	5.50 kW	1450 r/min	12.20 A	0.750	86.50 %	36.20 N·m	5.60
D	--	60 Hz	460 V	5.50 kW	1765 r/min	10.10 A	0.770	87.90 %	29.70 N·m	6.50

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 86.5 % Partial Load (75%) 87.0 % Partial Load (50%) 86.1 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 87.9 %
IP Class	IP55
Insulation Class	ICLF
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	40 kg
Gross Weight	41.38 kg

Classifications

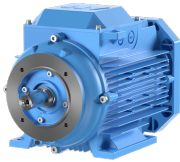
Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Categories

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

PRODUCT-DETAILS

3GAA133211-ADE (3GAA133211-ADE)



General Information

Product ID	3GAA133211-ADE
ABB Type Designation	M2AA 132S 6
Catalog Description	(3GAA133211-ADE)

Ordering

ABB Type Designation	M2AA 132S 6
Invoice Description	M2AA 132S 6
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Italy (IT) Sweden (SE) China (CN)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	3.00 kW	960 r/min	4.46 A	0.650	83.30 %	29.80 N·m	4.30
D	--	50 Hz	400 V	3.00 kW	960 r/min	7.69 A	0.650	83.30 %	29.80 N·m	4.30
D	--	60 Hz	460 V	3.00 kW	1161 r/min	6.84 A	0.670	85.40 %	24.30 N·m	4.70

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 83.3 % Partial Load (75%) 82.9 % Partial Load (50%) 80.5 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 85.4 % Partial Load (75%) 84.3 % Partial Load (50%) 81.0 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	39 kg
Gross Weight	44 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

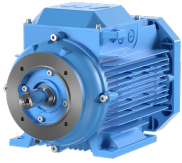
Categories

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

PRODUCT-DETAILS

3GAA131001-ADE

(3GAA131001-ADE)



General Information

Product ID	3GAA131001-ADE
ABB Type Designation	M2AA 132SA 2
Catalog Description	(3GAA131001-ADE)

Ordering

ABB Type Designation	M2AA 132SA 2
Invoice Description	M2AA 132SA 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA131061-ADA 3GAA131001-ADB
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	5.50 kW	2845 r/min	6.14 A	0.870	85.80 %	18.40 N-m	6.80
D	--	50 Hz	400 V	5.50 kW	2845 r/min	10.60 A	0.870	85.80 %	18.40 N-m	6.80
D	--	50 Hz	415 V	5.50 kW	2860 r/min	10.60 A	0.840	85.30 %	18.40 N-m	7.00
D	--	60 Hz	460 V	5.50 kW	3500 r/min	9.40 A	0.840	87.30 %	15.00 N-m	7.70

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 85.3 % Partial Load (75%) 85.8 % Partial Load (50%) 85.0 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 87.3 % Partial Load (75%) 87.2 % Partial Load (50%) 85.0 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

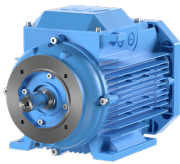
Package Level 1 Units	1 carton
Product Net Weight	38 kg
Gross Weight	43 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aabbbe58 Finland (FI)

PRODUCT-DETAILS

3GAA131002-ADE (3GAA131002-ADE)



General Information

Product ID	3GAA131002-ADE
ABB Type Designation	M2AA 132SB 2
Catalog Description	(3GAA131002-ADE)

Ordering

ABB Type Designation	M2AA 132SB 2
Invoice Description	M2AA 132SB 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA1_M2AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE) Poland (PL)
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	7.50 kW	2860 r/min	8.00 A	0.890	88.00 %	25.00 N·m	8.50
D	--	50 Hz	400 V	7.50 kW	2860 r/min	13.80 A	0.890	88.00 %	25.00 N·m	8.50
D	--	60 Hz	460 V	7.50 kW	3470 r/min	12.20 A	0.890	87.00 %	20.60 N·m	9.60

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 88.0 % Partial Load (75%) 86.2 % Partial Load (50%) 83.1 %
IE Class Data (60 Hz)	IE Class NA Full Load (100%) 87.0 % Partial Load (75%) 86.3 % Partial Load (50%) 83.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	43 kg
Gross Weight	48 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

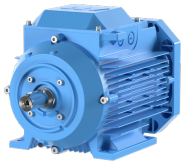
Categories

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

PRODUCT-DETAILS

3GAA131213-ADE

IE2 High Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA131213-ADE)



General Information

Product ID	3GAA131213-ADE
ABB Type Designation	M2AA 132SC 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA131213-ADE)

Ordering

ABB Type Designation	M2AA 132SC 2
Invoice Description	M2AA 132SC 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Sweden (SE)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	7.50 kW	2915 r/min	7.92 A	0.880	88.50 %	24.50 N·m	7.60
D	--	50 Hz	400 V	7.50 kW	2915 r/min	13.60 A	0.880	88.50 %	24.50 N·m	7.60
D	--	60 Hz	460 V	7.50 kW	3525 r/min	12.00 A	0.890	89.50 %	20.30 N·m	8.70

Connection Configuration	D
Temperature Class	--
Default	
Input Voltage (U_{in})	400 V
Frequency (f)	50 Hz
Output Power	7.5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 88.5 % Partial Load (75%) 89.2 % Partial Load (50%) 88.6 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 89.5 % Partial Load (75%) 89.2 % Partial Load (50%) 87.6 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	493 mm
Product Net Height	298 mm
Product Net Width	262 mm
Product Net Weight	56 kg
Gross Weight	61 kg

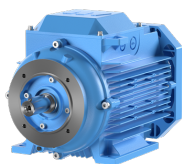
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

3GAA111101-ADE

M2AA 112M 2



Общая информация

Идентификационный номер изделия	3GAA111101-ADE
Обозначение типа изделия АББ	M2AA 112M 2
Описание в каталоге	M2AA 112M 2

Ordering

Обозначение типа изделия АББ	M2AA 112M 2
Описание счета-фактуры	M2AA 112M 2
Название изделия	3-Phase squirrel cage motor
Тип изделия	2AA1__M2AA_IE1_AA
Сделан по заказу	Нет
Минимальный объем заказа	1 штука
Торговые единицы измерения	штука
Страна происхождения	Romania (RO) China (CN) Sweden (SE) Poland (PL)
Номер таможенного тарифа	85015220

номер замененного
изделия (старый номер)

3GAA111061-ADA
3GAA111001-ADA

Хранится на (складах)

Menden, Germany

Electrical

Электротехнические
данные

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	4.00 kW	2885 r/min	4.59 A	0.850	85.70 %	13.20 N-m	7.40
D	--	50 Hz	400 V	4.00 kW	2885 r/min	7.90 A	0.850	85.70 %	13.20 N-m	7.40
D	--	50 Hz	415 V	4.00 kW	2895 r/min	7.80 A	0.830	85.30 %	13.20 N-m	7.60
D	--	60 Hz	460 V	4.00 kW	3500 r/min	6.60 A	0.870	87.30 %	10.90 N-m	8.70

Температурный класс по
умолчанию

--

Высота над уровнем
моря

1000 m

Температура
окружающей среды

40 °C

Класс изоляции

IC411

IE Class Data (50 Hz)

IE Class IE1
Full Load (100%) 85.3 %
Partial Load (75%) 86.0 %
Partial Load (50%) 84.6 %

IE Class Data (60 Hz)

IE Class IE1
Full Load (100%) 87.3 %
Partial Load (75%) 88.0 %
Partial Load (50%) 86.7 %

Класс IP

IP55

Класс изоляции

ICLF

Направление вращения

Both sides

Полюса (верхние)

2

Двухскоростной
электродвигатель

Нет

Режим работы

S1

Код напряжения

D

Mechanical

Frame Material

Aluminum

Типоразмер

112

Подшипник

6306-2Z/C3

Подшипник NDE

6205-2Z/C3

Смазка

For life

Класс IM

IMB3 IM1001

Размещение клеммной
коробки

Top

Dimensions

Package Level 1 Units

0 carton

Вес брутто

31 kg

Classifications

Стандарты	IEC 60034-1
Универсальная стандартная классификация товаров и услуг (UNSPSC)	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Финляндия (FI)

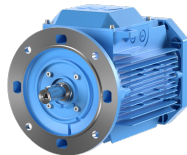
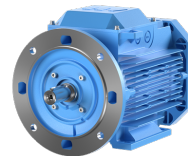
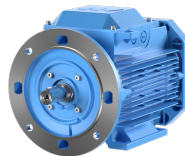
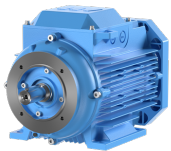
Категории

Электродвигатели и Генераторы → Низковольтные электродвигатели → Общепромышленные электродвигатели с тормозом, 63-160

Электродвигатели и Генераторы → Низковольтные электродвигатели → Снятые с производства низковольтные электродвигатели → Общепромышленные алюминиевые электродвигатели, 56-280

Электродвигатели и Генераторы → Низковольтные электродвигатели → Электродвигатели для морского применения, 56-400 → Морские электродвигатели общего назначения

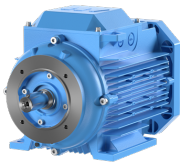
Электродвигатели и Генераторы → Низковольтные электродвигатели → Электродвигатели промышленного назначения → Алюминиевые двигатели класса энергоэффективности High Efficiency, IE2



PRODUCT-DETAILS

3GAA112101-ADE

M2AA 112M 4



Общая информация

Идентификационный номер изделия	3GAA112101-ADE
Обозначение типа изделия АББ	M2AA 112M 4
Описание в каталоге	M2AA 112M 4

Ordering

Обозначение типа изделия АББ	M2AA 112M 4
Описание счета-фактуры	M2AA 112M 4
Название изделия	3-Phase squirrel cage motor
Тип изделия	2AA1__M2AA_IE1_AA
Сделан по заказу	Нет
Минимальный объем заказа	1 штука
Торговые единицы измерения	штука
Страна происхождения	Romania (RO) China (CN) Sweden (SE) Poland (PL)
Номер таможенного тарифа	85015220

номер замененного
изделия (старый номер)

3GAA102101-ADE
3GAA112001-ADA

Хранится на (складах)

Menden, Germany

Electrical

Электротехнические
данные

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	400 V	4.00 kW	1430 r/min	8.30 A	0.830	83.50 %	26.80 N·m	6.10
D	--	60 Hz	460 V	4.00 kW	1740 r/min	7.00 A	0.820	86.30 %	22.00 N·m	7.10

Температурный класс по
умолчанию

--

Высота над уровнем
моря

1000 m

Температура
окружающей среды

40 °C

Класс изоляции

IC411

IE Class Data (50 Hz)

IE Class IE1
Full Load (100%) 83.5 %
Partial Load (75%) 85.1 %
Partial Load (50%) 85.0 %

IE Class Data (60 Hz)

IE Class IE1
Full Load (100%) 86.3 %
Partial Load (75%) 87.4 %
Partial Load (50%) 86.7 %

Класс IP

IP55

Класс изоляции

ICLF

Направление вращения

Both sides

Полюса (верхние)

4

Двухскоростной
электродвигатель

Нет

Режим работы

S1

Код напряжения

D

Mechanical

Frame Material

Aluminum

Типоразмер

112

Подшипник

6306-2Z/C3

Подшипник NDE

6205-2Z/C3

Смазка

For life

Класс IM

IMB3 IM1001

Размещение клеммной
коробки

Top

Dimensions

Package Level 1 Units

0 carton

Чистый вес изделия

29 kg

Вес брутто

34 kg

Classifications

Стандарты	IEC 60034-1
Универсальная стандартная классификация товаров и услуг (UNSPSC)	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Финляндия (FI)

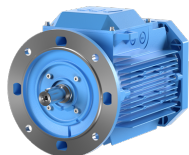
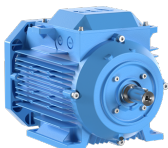
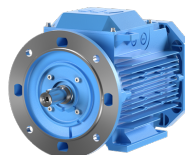
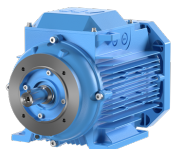
Категории

Электродвигатели и Генераторы → Низковольтные электродвигатели → Общепромышленные электродвигатели с тормозом, 63-160

Электродвигатели и Генераторы → Низковольтные электродвигатели → Снятые с производства низковольтные электродвигатели → Общепромышленные алюминиевые электродвигатели, 56-280

Электродвигатели и Генераторы → Низковольтные электродвигатели → Электродвигатели для морского применения, 56-400 → Морские электродвигатели общего назначения

Электродвигатели и Генераторы → Низковольтные электродвигатели → Электродвигатели промышленного назначения → Алюминиевые двигатели класса энергоэффективности High Efficiency, IE2



PRODUCT-DETAILS

3GAA202410-ADA

M2AA 200MLA 4

General Information

Product ID	3GAA202410-ADA
ABB Type Designation	M2AA 200MLA 4
Catalog Description	M2AA 200MLA 4

Additional Information

ABB Type Designation	M2AA 200MLA 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6212-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	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	30.00 kW	1475 r/min	33.50 A	0.830	91.10 %	194.00 N-m	7.20
D	--	50 Hz	400 V	30.00 kW	1475 r/min	57.30 A	0.830	91.10 %	197.50 N-m	7.20
D	--	50 Hz	415 V	30.00 kW	1477 r/min	55.40 A	0.810	91.20 %	197.00 N-m	8.20
D	--	60 Hz	460 V	30.00 kW	1779 r/min	48.40 A	0.830	92.10 %	164.00 N-m	9.00

Frame Material	Aluminum
Frame Size	200
Gross Weight	197 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 91.1 % Partial Load (75%) 91.6 % Partial Load (50%) 90.9 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 92.1 % Partial Load (75%) 92.3 % Partial Load (50%) 91.2 %
IM Class	IMB3 IM1001

Insulation Class	ICLF
Invoice Description	M2AA 200MLA 4
IP Class	IP55
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	187 kg
Product Type	2AA1_M2AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA202041-ADG
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	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

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