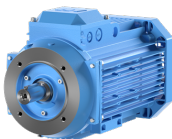


PRODUCT-DETAILS

3GAA092315-CDE

IE2 High Efficiency Aluminum Motors, 1.5 kW, 400 V (3GAA092315-CDE)

"No longer for sale" replaced by 3GAA092540-



General Information	
Product ID	3GAA092315-CDE
ABB Type Designation	M3AA 90LD 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 1.5 kW, 400 V (3GAA092315-CDE)
Ordering	
ABB Type Designation	M3AA 90LD 4
Invoice Description	M3AA 90LD 4
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	Spain (ES) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Medium Description	1.5kW, 4 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA092315-CDE)
Short Description	1.5kW, 4P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB14/IM3601

Electrical

Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	1.50 kW	1435 r/min	1.90 A	0.760	84.20 %	9.90 N·m	7.00
D	--	50 Hz	400 V	1.50 kW	1435 r/min	3.30 A	0.760	84.20 %	9.90 N·m	7.00
D	--	60 Hz	460 V	1.50 kW	1750 r/min	3.00 A	0.720	84.90 %	8.10 N·m	8.20
Connection Configuration										D
Temperature Class Default										--
Input Voltage (U <sub>in</sub> )										400 V
Frequency (f)										50 Hz
Output Power										1.5 kW
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%) 84.9 %
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	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	331.5 mm
Product Net Height	217 mm
Product Net Width	177 mm
Product Net Weight	16 kg
Gross Weight	16.48 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  
Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

