



PRODUCT-DETAILS

3GAA091510-HDHIN

(3GAA091510-HDHIN)

General Information	
Product ID	3GAA091510-HDHIN
ABB Type Designation	M2AAX 90LA 2
Catalog Description	(3GAA091510-HDHIN)

Ordering	
ABB Type Designation	M2AAX 90LA 2
Invoice Description	M2AAX 90LA 2
Product Name	3-Phase squirrel cage motor
Product Type	IAA2__M2AAX_IE2
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	India (IN)
Customs Tariff Number	85015220

Electrical										
Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	415 V	2.20 kW	2878 r/min	4.40 A	0.840	83.20 %	7.30 N·m	7.00
Temperature Class										
Default										--
Altitude										1000 m
Ambient Temperature										50 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 83.2 % Partial Load (75%) 84.0 % Partial Load (50%) 82.6 %
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 83.4 %

	Partial Load (75%) 84.2 %
	Partial Load (50%) 82.8 %
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	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

Dimensions

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

Classifications

UNSPSC	26101100
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Categories

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