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**PRODUCT-DETAILS**

# 1LE24213AB212AA3

## Severe Duty Motor 50 Hp 400 V (1LE24213AB212AA3)



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**General Information**

<b>Global Commercial Alias:</b>	1LE24213AB212AA3
<b>Product ID:</b>	7B1LE24213AB212AA3
<b>ABB Type Designation:</b>	MOTOR,50,1800,SD100 IEEE,460,326T,N
<b>Catalog Description:</b>	Severe Duty Motor 50 Hp 400 V (1LE24213AB212AA3)
<b>Display Name:</b>	1LE24213AB212AA3

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**Ordering**

<b>Catalog Number:</b>	1LE24213AB212AA3
<b>Brand / Label:</b>	ABB NEMA Motors
<b>Country of Origin:</b>	Mexico
<b>Customs Tariff Number:</b>	8501520400
<b>Minimum Order Quantity:</b>	1 piece
<b>Order Multiple:</b>	1 piece

## Electrical

Current	Network Freq	Power	Speed	Network Voltage
52.2 A	50 Hz	40 Hp	1485 r/min	400 V
58 A	60 Hz	50 Hp	1780 r/min	460 V

Ambient Temperature:	40 °C
Efficiency Level:	Premium Efficiency (NEMA 12-12)
Insulation Class:	F
NEMA Design Code:	B
Number of Phases:	3-phase
Number of Poles:	4P
Number of Speeds:	single_speed
Power Factor:	85 %
Rated Efficiency:	94.5 %
Service Factor:	1.15
Temperature Class:	T3
Type of Duty:	Continuous
Starting of Motor:	Direct on line
Synchronous Speed ( $v_{syn}$ ):	1500 r/min 1800 r/min
Output Power:	50 Hp 40 Hp

## Mechanical

Drive End Flange Type:	Standard
Enclosure Type:	TEFC
Explosion Proof Group Class:	Class I, Group A, B, C & D, Class II, Group F & G
Frame Material:	Cast_Iron
Motor Frame Size:	326T
Motor Base Type:	Foot Mounted
Mounting Position:	F1
Brake Present:	No

## Dimensions

Product Net Height:	0 in
Product Net Weight:	318 lb
Product Net Width:	0 in

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## Categories

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Products > Motors and Generators > NEMA Low Voltage AC Motors > Severe Duty Motors > SD100 IEEE 841

