

PRODUCT-DETAILS

# VEM31108

## General Purpose Motor 0.5 Hp 208 V (VEM31108)



### General Information

Global Commercial Alias	VEM31108
Product ID	7BVEM31108
ABB Type Designation	.5HP,1725RPM,3PH,60HZ,56C,3424M,OPE
Catalog Description	General Purpose Motor 0.5 Hp 208 V (VEM31108)

### Additional Information

ABB Type Designation	.5HP,1725RPM,3PH,60HZ,56C,3424M,OPE
Ambient Temperature	40 °C
Bearing	6203 Ball
Bearing NDE	6203 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	VEM31108
Certification Agency	C UR US ENERGY
Country of Origin	United States (US)









Customs Tariff Number	85015100
Dimension Diagram	34LYF012
Drive End Flange Type	C-Face
Duty Time	60 Min
ETIM 7	EC001851 - Electric motor
Efficiency Level	2015 Small Motor Standard Not Regulated / Exempt Undefined Efficiency

Electrical Data

Current
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Enclosure Type	OPEN
Frame Material	Steel
Frame Size	56
Frequency (f)	60 Hz
Global Commercial Alias	VEM31108
Gross Volume	2110.969 in <sup>3</sup>
Gross Weight	31 lb
IDEA Granular Category Code (IGCC)	1325 >> General purpose motor AC
Insulation Class	B
Invoice Description	.5HP,1725RPM,3PH,60HZ,56C,3424M,OPEN,F1
Made To Order	No
Medium Description	General Purpose 3PH Open, 0.5 HP, 1800 RPM, Frame Size 56C, C-Face Mounting, 3 Phase, OPEN Enclosure, 208-230/460 V, 60 Hz (VEM31108
Minimum Order Quantity	1 piece
Motor Base Type	Footless
Motor Frame Size	56C
Motor Frame Suffix	C
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	B
Number of Phases	3
Number of Poles	4
Number of Poles (High)	4
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	0.5 Hp
Power Factor	78 %
Product Name	General Purpose 3PH Open
Product Net Depth / Length	16.5 in
Product Net Height	11.125 in
Product Net Weight	31 lb
Product Net Width	11.5 in
Product Type	Undefined
Quote Only	No
Rated Current (I <sub>n</sub> )	1.7 A

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**Freq**

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**Power**

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**Speed**

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**Voltage**

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		1.6 A
		0.8 A
Rated Efficiency		78.20 %
Rated Speed		1725 r/min
Selling Unit of Measure		piece
Service Factor		1.25
Shaft Diameter		0.63 in
Short Description	0.5 HP, 1800 RPM, Frame Size 56C, C-Face, 3 PH, OPEN, 208-230/460 V	
Standards		NEMA
Starting of Motor		Direct On Line
Stocked At (Warehouses)	China Alabama, United States Alaska, United States	
		1800 r/min
Type of Duty		Continuous
UNSPSC		26101112
Voltage Rating		208 V 230 V 460 V

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## Categories

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Motors and Generators → NEMA Low Voltage AC Motors → General Purpose Motors → Three Phase Open









