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 PRODUCT-DETAILS

# IDVSM4314T

## AC VS Master 60 Hp 230 V (IDVSM4314T)




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**General Information**

Global Commercial Alias	IDVSM4314T
Product ID	7BIDVSM4314T
ABB Type Designation	60HP,1800RPM,3PH,60HZ,364T,TEFC,FOO
Catalog Description	AC VS Master 60 Hp 230 V (IDVSM4314T)

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**Additional Information**

ABB Type Designation	60HP,1800RPM,3PH,60HZ,364T,TEFC,FOO
Ambient Temperature	40 °C
Base Speed	1800 r/min
Bearing	65BC03J30X, Ball
Bearing NDE	65BC03J30X
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	IDVSM4314T
Certification Agency	CCSA US
Country of Origin	United States (US)
Customs Tariff Number	85015230

Dimension Diagram	611740-001-SH1
Drive End Flange Type	Standard
ETIM 7	EC001851 - Electric motor
Efficiency Level	Not Regulated / Exempt

## Electrical Data

Current	Freq	Power	Speed	Voltage
142 A	60 Hz	60 Hp	1785 r/min	230 V
142 A	90 Hz	60 Hp	2675 r/min	230 V

Enclosure Type	TEFC
Frame Material	Iron
Frame Size	364
Frequency (f)	60 Hz 90 Hz
Global Commercial Alias	IDVSM4314T
Gross Volume	33833.008 in <sup>3</sup>
Gross Weight	869 lb
IDEA Granular Category Code (IGCC)	1328 >> Multi phase motor AC
Insulation Class	F
Invoice Description	60HP,1800RPM,3PH,60HZ,364T,TEFC,FOOT,
Made To Order	No
Maximum Speed	3600 r/min
Medium Description	AC VS Master, 60 HP, 1800 RPM, Frame Size 364T, Standard Mounting, 3 Phase, TEFC Enclosure, 230/460 V, 60 Hz (IDVSM4314T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	364T
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	A
Number of Phases	3
Number of Poles	4
Number of Poles (High)	4
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	60 Hp
Product Name	AC VS Master
Product Net Depth / Length	40.625 in
Product Net Height	25.625 in
Product Net Weight	869 lb
Product Net Width	32.5 in
Product Type	Undefined
Quote Only	No
Rated Current (I <sub>n</sub> )	142 A 71.2 A
Rated Speed	1785 r/min 2675 r/min
Selling Unit of Measure	piece
Service Factor	1.00
Shaft Diameter	2.37 in
Short Description	60 HP, 1800 RPM, Frame Size 364T, Standard, 3 PH, TEFC, 230/460 V
Standards	NEMA
Starting of Motor	Direct On Line

Stocked At (Warehouses)	China Alabama, United States Alaska, United States
Type of Duty	1800 r/min Continuous
UNSPSC	26101115
Voltage Rating	230 V 460 V

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## Categories

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Motors and Generators → Motors for Inverter/Vector Duty Applications → Variable Speed AC Motors → AC VS Master Motors

