

PRODUCT-DETAILS

# VEM3613T

## General Purpose Motor 5 Hp 230 V (VEM3613T)



### General Information

Global Commercial Alias	VEM3613T
Product ID	7BVEM3613T
ABB Type Designation	5HP,3470RPM,3PH,60HZ,184TC,3630M,TE
Catalog Description	General Purpose Motor 5 Hp 230 V (VEM3613T)

### Additional Information

ABB Type Designation	5HP,3470RPM,3PH,60HZ,184TC,3630M,TE
Ambient Temperature	40 °C
Bearing	6206 Ball
Bearing NDE	6205 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	VEM3613T
Certification Agency	CSA CSA EEV UR
Country of Origin	United States (US)
Customs Tariff Number	85015220
Design	A
Dimension Diagram	36LYA003

Drive End Flange Type	C-Face
Duty Time	60 Min
Efficiency Level	IE3 Not Regulated / Exempt Premium Efficiency (NEMA 12-12)

## Electrical Data

Current	Freq	Power	Speed	Voltage
11.6 A	60 Hz	5 Hp	3470 r/min	230 V
5.8 A	60 Hz	5 Hp	3470 r/min	460 V

Enclosure Type	TEFC
ETIM 7	EC001851 - Electric motor
Frame Material	Steel
Frame Size	184
Frequency (f)	60 Hz
Global Commercial Alias	VEM3613T
Gross Volume	5274.135 in <sup>3</sup>
Gross Weight	34.019 kg
Horsepower Rating UL/CSA	5.000 Hp
IC Class	TEFC
IDEA Granular Category Code (IGCC)	1328 >> Multi phase motor AC
IM Class	NEMA C Face
Insulation Class	F
Invoice Description	5HP,3470RPM,3PH,60HZ,184TC,3630M,TEFC,F1
Made To Order	No
Medium Description	General Purpose 3PH Enclosed, 5 HP, 3600 RPM, Frame Size 184Tc, C-Face Mounting, 3 Phase, TEFC Enclosure, 230/460 V, 60 Hz (VEM3613T)
Minimum Order Quantity	1 piece
Motor Base Type	Footless
Motor Frame Size	184TC
Motor Frame Suffix	TC
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	A
Number of Phases	3
Number of Poles	2
Number of Poles (High)	2
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	5 Hp
Power Factor	91 %
Product Name	General Purpose 3PH Enclosed
Product Net Depth / Length	21.625 in
Product Net Height	15.125 in
Product Net Weight	34.019 kg
Product Net Width	16.125 in
Product Type	NEMA_PREMIUM
Quote Only	No
Rated Current (I <sub>n</sub> )	11.8 A 5.9 A
Rated Efficiency	88.5 %
Rated Speed	3,450 r/min
Replaced Product ID (OLD)	7B610490-3F

Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	1.125 in
Short Description	5 HP, 3600 RPM, Frame Size 184Tc, C-Face, 3 PH, TEFC, 230/460 V
Standards	NEMA
Starting of Motor	Direct On Line
Stocked At (Warehouses)	Menden, Germany China Alabama, United States Alaska, United States
	3600 r/min
Two Speed Motor	No
Type of Duty	Continuous
UNSPSC	26101115
Voltage Rating	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 Enclosed

