

PRODUCT-DETAILS

VEM3558T

General Purpose Motor 2 Hp 230 V (VEM3558T)



General Information

Global Commercial Alias	VEM3558T
Product ID	7BVEM3558T
ABB Type Designation	2HP,1760RPM,3PH,60HZ,145TC,3528M,TE
Catalog Description	General Purpose Motor 2 Hp 230 V (VEM3558T)

Additional Information

ABB Type Designation	2HP,1760RPM,3PH,60HZ,145TC,3528M,TE
Ambient Temperature	40 °C
Bearing	6205 Ball
Bearing NDE	6203 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	VEM3558T
Certification Agency	CSA CSA EEV UR
Country of Origin	United States (US)
Customs Tariff Number	85015220
Design	B
Dimension Diagram	35LYAA003
Drive End Flange Type	C-Face
Duty Time	60 Min

Efficiency Level Premium Efficiency (NEMA 12-12)

Electrical Data

Current	Freq	Power	Speed	Voltage
5.8 A	60 Hz	2 Hp	1755 r/min	230 V
2.9 A	60 Hz	2 Hp	1755 r/min	460 V

Enclosure Type	TEFC
ETIM 7	EC001851 - Electric motor
Frame Material	Steel
Frame Size	145
Frequency (f)	60 Hz
Global Commercial Alias	VEM3558T
Gross Volume	3496.049 in ³
Gross Weight	21.319 kg
Horsepower Rating	2.000 Hp
UL/CSA	
IC Class	TEFC
IDEA Granular Category Code (IGCC)	1325 >> General purpose motor AC
IM Class	NEMA C Face
Insulation Class	F
Invoice Description	2HP,1760RPM,3PH,60HZ,145TC,3528M,TEFC,F1
Made To Order	No
Medium Description	General Purpose 3PH Enclosed, 2 HP, 1800 RPM, Frame Size 145Tc, C-Face Mounting, 3 Phase, TEFC Enclosure, 230/460 V, 60 Hz (VEM3558T
Minimum Order Quantity	1 piece
Motor Base Type	Footless
Motor Frame Size	145TC
Motor Frame Suffix	TC
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	2 Hp
Power Factor	75 %
Product Name	GP 3PH Enclosed
Product Net Depth / Length	19.375 in
Product Net Height	13.123 in
Product Net Weight	21.319 kg
Product Net Width	13.75 in
Product Type	NEMA_PREMIUM
Quote Only	No
Rated Current (I _N)	5.8 A 2.9 A
Rated Efficiency	86.5 %
Rated Speed	1,755 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	0.875 in
Short Description	2 HP, 1800 RPM, Frame Size 145Tc, 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
	1800 r/min
Two Speed Motor	No
Type of Duty	Continuous
UNSPSC	26101112
Voltage Rating	230 V 460 V

Categories

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

