



 PRODUCT-DETAILS

EM4410TR-4

General Purpose Motor 125 Hp 460 V (EM4410TR-4)



General Information

Global Commercial Alias	EM4410TR-4
Product ID	7BEM4410TR-4
ABB Type Designation	125HP,1785RPM,3PH,60HZ,444T,A44076M
Catalog Description	General Purpose Motor 125 Hp 460 V (EM4410TR-4)

Additional Information

ABB Type Designation	125HP,1785RPM,3PH,60HZ,444T,A44076M
Ambient Temperature	40 °C
Bearing	0.000
Bearing NDE	0.000
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	EM4410TR-4
Certification Agency	CCSA US CSA EEV
Country of Origin	United States (US)
Customs Tariff Number	85015381

Design	B
Dimension Diagram	617427-001
Drive End Flange Type	Standard
Duty Time	60 Min
ETIM 7	EC001851 - Electric motor
Efficiency Level	Premium Efficiency (NEMA 12-12)

Electrical Data

Current	Freq	Power	Speed	Voltage
144 A	60 Hz	125 Hp	1785 r/min	460 V

Enclosure Type	TEFC
Frame Material	Iron
Frame Size	444
Frequency (f)	60 Hz
Global Commercial Alias	EM4410TR-4
Gross Volume	105899.063 in ³
Gross Weight	901.742 kg
Horsepower Rating UL/CSA	125.000 Hp
IDEA Granular Category Code (IGCC)	1325 >> General purpose motor AC
Insulation Class	F
Invoice Description	125HP,1785RPM,3PH,60HZ,444T,A44076M,TEFC
Made To Order	No
Medium Description	General Purpose 3PH Enclosed, 125 HP, 1800 RPM, Frame Size 444T, Standard Mounting, 3 Phase, TEFC Enclosure, 460 V, 60 Hz (EM4410TR-
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	444T
Motor Frame Suffix	T
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	125 Hp
Power Factor	85 %
Product Name	General Purpose 3PH Enclosed
Product Net Depth / Length	49.5 in
Product Net Height	52.5 in
Product Net Weight	901.742 kg
Product Net Width	40.75 in
Product Type	Undefined
Quote Only	No
Rated Current (I _n)	144 A
Rated Efficiency	95.40 %
Rated Speed	1785 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %

Shaft Diameter	3.38 in
Short Description	125 HP, 1800 RPM, Frame Size 444T, Standard, 3 PH, TEFC, 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	460 V

Categories

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

