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 PRODUCT-DETAILS

## ECP4412T-4

### Severe Duty Motor 125 Hp 460 V (ECP4412T-4)




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**General Information**

Global Commercial Alias	ECP4412T-4
Product ID	7BEC4412T-4
ABB Type Designation	125HP,3570RPM,3PH,60HZ,444TS,A4468M
Catalog Description	Severe Duty Motor 125 Hp 460 V (ECP4412T-4)

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**Additional Information**

ABB Type Designation	125HP,3570RPM,3PH,60HZ,444TS,A4468M
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6313 Ball
Bearing NDE	6313 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	ECP4412T-4
Certification Agency	CSA EEV

Country of Origin	United States (US)
Customs Tariff Number	85015381
Design	B
Dimension Diagram	617427-004
Direction of Rotation	Both sides
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
137 A	60 Hz	125 Hp	3570 r/min	460 V

Enclosure Type	TEFC
Explosion Proof Group Class	Class I, Group A, B, C & D
Frame Material	Iron
Frame Size	444
Frequency (f)	60 Hz
Global Commercial Alias	ECP4412T-4
Gross Volume	105899.063 in <sup>3</sup>
Gross Weight	862.279 kg
Horsepower Rating UL/CSA	125.000 Hp
IC Class	TEFC
IDEA Granular Category Code (IGCC)	1325 >> General purpose motor AC
IE Class Data (50 Hz)	IE Class NA
IE Class Data (60 Hz)	IE Class NA
IM Class	NEMA Foot
Insulation Class	F
Invoice Description	125HP,3570RPM,3PH,60HZ,444TS,A4468M,TEFC
Lubrication	Regreasable
Made To Order	No
Medium Description	Severe Duty, 125 HP, 3600 RPM, Frame Size 444Ts, Standard Mounting, 3 Phase, TEFC Enclosure, 460 V, 60 Hz (ECP4412T-4)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	444TS
Motor Frame Suffix	TS
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	B
Number of Phases	3
Number of Poles	2
Number of Poles (High)	2
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	125 Hp
Power Factor	89 %
Product Name	Severe Duty
Product Net Depth / Length	49.5 in
Product Net Height	52.5 in
Product Net Weight	862.279 kg

Product Net Width	40.75 in
Product Type	NEMA_PREMIUM_SEVERE_DUTY
Quote Only	No
Rated Current (I <sub>n</sub> )	137 A
Rated Efficiency	95 %
Rated Speed	3570 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	2.38 in
Short Description	125 HP, 3600 RPM, Frame Size 444Ts, Standard, 3 PH, TEFC, 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
Temperature Class	T3
Temperature Class Default	--
Two Speed Motor	No
Type of Duty	Continuous
UNSPSC	26101112
Voltage Code	F
Voltage Rating	460 V

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## Categories

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Motors and Generators → NEMA Low Voltage AC Motors → Severe Duty Motors → XEX Severe Duty

