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 PRODUCT-DETAILS

## ECP4112T-4

### Severe Duty Motor 20 Hp 460 V (ECP4112T-4)




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**General Information**

Global Commercial Alias	ECP4112T-4
Product ID	7BEC4112T-4
ABB Type Designation	20HP,880RPM,3PH,60HZ,324T,1256M,TEF
Catalog Description	Severe Duty Motor 20 Hp 460 V (ECP4112T-4)

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**Additional Information**

ABB Type Designation	20HP,880RPM,3PH,60HZ,324T,1256M,TEF
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6312, Ball
Bearing NDE	6312
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	ECP4112T-4
Certification Agency	CSA CSA EEV UR

Country of Origin	United States (US)
Customs Tariff Number	85015220
Design	B
Dimension Diagram	12LYF904
Direction of Rotation	Both sides
Drive End Flange Type	Standard
ETIM 7	EC001851 - Electric motor
Efficiency Level	Premium Efficiency (NEMA 12-12)

## Electrical Data

Current	Freq	Power	Speed	Voltage
30 A	60 Hz	20 Hp	880 r/min	460 V

Enclosure Type	TEFC
Explosion Proof Group Class	Class I, Group A, B, C & D
Frame Material	Iron
Frame Size	324
Frequency (f)	60 Hz
Global Commercial Alias	ECP4112T-4
Gross Volume	18748.226 in <sup>3</sup>
Gross Weight	600 lb
Horsepower Rating UL/CSA	20.000 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	F1
Insulation Class	F
Invoice Description	20HP,880RPM,3PH,60HZ,324T,1256M,TEFC,F1
Lubrication	Regreasable
Made To Order	No
Maximum Speed	1325 r/min
Medium Description	Severe Duty, 20 HP, 900 RPM, Frame Size 324T, Standard Mounting, 3 Phase, TEFC Enclosure, 460 V, 60 Hz (ECP4112T-4)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	324T
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	B
Number of Phases	3
Number of Poles	8
Number of Poles (High)	8
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	20 Hp
Power Factor	69 %
Product Name	Severe Duty
Product Net Depth / Length	33.75 in
Product Net Height	21.625 in
Product Net Weight	600 lb
Product Net Width	25.688 in

Product Type	Undefined
Quote Only	No
Rated Current (I <sub>n</sub> )	30 A
Rated Efficiency	90.20 %
Rated Speed	880 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	2.13 in
Short Description	20 HP, 900 RPM, Frame Size 324T, Standard, 3 PH, TEFC, 460 V
Standards	NEMA
Starting of Motor	Direct On Line
Stocked At (Warehouses)	China Alabama, United States Alaska, United States
	900 r/min
Temperature Class	T3
Temperature Class Default	--
Two Speed Motor	No
Type of Duty	Continuous
UNSPSC	26101112
Voltage Code	G
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

