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 PRODUCT-DETAILS

# ECP82334T-4

## Severe Duty Motor 20 Hp 460 V (ECP82334T-4)




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**General Information**

Global Commercial Alias	ECP82334T-4
Product ID	7BECPE82334T-4
ABB Type Designation	20HP,1760RPM,3PH,60HZ,256T,TEFC,F1
Catalog Description	Severe Duty Motor 20 Hp 460 V (ECP82334T-4)

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**Additional Information**

ABB Type Designation	20HP,1760RPM,3PH,60HZ,256T,TEFC,F1
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6309 Ball
Bearing NDE	6309 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	ECP82334T-4
Certification Agency	CCSA US CSA EEV UR

Country of Origin	United States (US)
Customs Tariff Number	85015220
Design	B
Dimension Diagram	09LYJ287
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
23 A	60 Hz	20 Hp	1760 r/min	460 V

Enclosure Type	TEFC
Explosion Proof Group Class	Class I, Group A, B, C & D
Frame Material	Iron
Frame Size	256
Frequency (f)	60 Hz
Global Commercial Alias	ECP82334T-4
Gross Volume	15949.5 in <sup>3</sup>
Gross Weight	166.015 kg
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	NEMA Foot
IP Class	IP56
Insulation Class	F
Invoice Description	20HP,1760RPM,3PH,60HZ,256T,TEFC,F1
Lubrication	Regreasable
Made To Order	No
Maximum Speed	2700 r/min
Medium Description	IEEE 841 Severe Duty, 20 HP, 1800 RPM, Frame Size 256T, Standard Mounting, 3 Phase, TEFC Enclosure, 460 V, 60 Hz (ECP82334T-4)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	256T
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	20 Hp
Power Factor	87 %
Product Name	IEEE 841 Severe Duty
Product Net Depth / Length	24.5 in
Product Net Height	21 in
Product Net Weight	166.015 kg
Product Net Width	31 in
Product Type	NEMA_IEEE841
Quote Only	No

Rated Current (I <sub>n</sub> )	23 A
Rated Efficiency	93 %
Rated Speed	1760 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	1.63 in
Short Description	20 HP, 1800 RPM, Frame Size 256T, 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
Temperature Class	1800 r/min T3C
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 → Marine Duty → IEEE 841 Motors

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