



 PRODUCT-DETAILS

EM2535T

General Purpose Motor 30 Hp 230 V (EM2535T)



General Information

Global Commercial Alias	EM2535T
Product ID	7BEM2535T
ABB Type Designation	30HP,1775RPM,3PH,60HZ,286T,4060M,OP
Catalog Description	General Purpose Motor 30 Hp 230 V (EM2535T)

Additional Information

ABB Type Designation	30HP,1775RPM,3PH,60HZ,286T,4060M,OP
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6311 Ball
Bearing NDE	6309 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	EM2535T
Certification Agency	CSA

	CSA EEV UR
Country of Origin	United States (US)
Customs Tariff Number	85015230
Design	B
Dimension Diagram	40LYG048
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
72 A	60 Hz	30 Hp	1775 r/min	230 V
36 A	60 Hz	30 Hp	1775 r/min	460 V

Enclosure Type	OPSB
Frame Material	Steel
Frame Size	284
Frequency (f)	60 Hz
Global Commercial Alias	EM2535T
Gross Volume	14448.906 in ³
Gross Weight	378 lb
Horsepower Rating UL/CSA	30.000 Hp
IC Class	OPSB
IDEA Granular Category Code (IGCC)	1328 >> Multi phase 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	30HP,1775RPM,3PH,60HZ,286T,4060M,OPSB,F1
Lubrication	Regreasable
Made To Order	No
Medium Description	General Purpose 3PH Open, 30 HP, 1800 RPM, Frame Size 284T, Standard Mounting, 3 Phase, OPSB Enclosure, 230/460 V, 60 Hz (EM2535T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	284T
Motor Frame Suffix	T
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	A
Number of Phases	3
Number of Poles	4
Number of Poles (High)	4
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	30 Hp
Power Factor	82 %
Product Name	General Purpose 3PH Open
Product Net Depth / Length	31 in
Product Net Height	19.625 in

Product Net Weight	378 lb
Product Net Width	23.75 in
Product Type	Undefined
Quote Only	No
Rated Current (I _n)	72 A 36 A
Rated Efficiency	94.10 %
Rated Speed	1775 r/min
Replaced Product ID (OLD)	7B40G048X339
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	1.88 in
Short Description	30 HP, 1800 RPM, Frame Size 284T, Standard, 3 PH, OPSB, 230/460 V
Standards	NEMA
Starting of Motor	Direct On Line
Stocked At (Warehouses)	China Alabama, United States Alaska, United States
Temperature Class Default	1800 r/min --
Two Speed Motor	No
Type of Duty	Continuous
UNSPSC	26101115
Voltage Code	G
Voltage Rating	230 V 460 V

Categories

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

