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 PRODUCT-DETAILS

# EM2535T-G

## Shaft Ground 30 Hp 230 V (EM2535T-G)




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**General Information**

Global Commercial Alias	EM2535T-G
Product ID	7BEM2535T-G
ABB Type Designation	30HP,1775RPM,3PH,60HZ,T,4060M,OPSB,
Catalog Description	Shaft Ground 30 Hp 230 V (EM2535T-G)

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**Additional Information**

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

CSA EEV  
UR

Country of Origin	United States (US)
Customs Tariff Number	85015230
Design	B
Dimension Diagram	40LYE246
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-G
Gross Volume	16128 in <sup>3</sup>
Gross Weight	370 lb
Horsepower Rating UL/CSA	30.000 Hp
IC Class	OPSB
IDEA Granular Category Code (IGCC)	1318 >> Heating and cooling system motor AC
IE Class Data (50 Hz)	IE Class NA
IE Class Data (60 Hz)	IE Class NA
IM Class	F1
Insulation Class	H
Invoice Description	30HP,1775RPM,3PH,60HZ,T,4060M,OPSB,N
Lubrication	Regreasable
Made To Order	No
Medium Description	Shaft Ground, 30 HP, 1800 RPM, Frame Size 284T, Standard Mounting, 3 Phase, OPSB Enclosure, 230/460 V, 60 Hz (EM2535T-G)
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	Shaft Ground
Product Net Depth / Length	32 in
Product Net Height	21 in

Product Net Weight	370 lb
Product Net Width	24 in
Product Type	Undefined
Quote Only	No
Rated Current (I <sub>n</sub> )	72 A 36 A
Rated Efficiency	94.10 %
Rated Speed	1775 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	1.88 in
Shaft Grounding	Shaft Grounding
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	26101105
Voltage Code	G
Voltage Rating	230 V 460 V

## Categories

Motors and Generators → NEMA Low Voltage AC Motors → HVAC Motors → Shaft Grounding Motors

