



 PRODUCT-DETAILS

EM2535T-8G

Shaft Ground 30 Hp 200 V (EM2535T-8G)



General Information

| | |
|-------------------------|---------------------------------------|
| Global Commercial Alias | EM2535T-8G |
| Product ID | 7BEM2535T-8G |
| ABB Type Designation | 30HP,1775RPM,3PH,60HZ,286T,4060M,OP |
| Catalog Description | Shaft Ground 30 Hp 200 V (EM2535T-8G) |

Additional Information

| | |
|----------------------|-------------------------------------|
| ABB Type Designation | 30HP,1775RPM,3PH,60HZ,286T,4060M,OP |
| Ambient Temperature | 40 °C |
| Bearing | 6311 Ball |
| Bearing NDE | 6309 Ball |
| Brake Present | No |
| Brand / Label | Baldor-Reliance |
| Catalog Number | EM2535T-8G |
| Certification Agency | CSA CSA EEV UR |

| | |
|-----------------------|---------------------------------|
| Country of Origin | United States (US) |
| Customs Tariff Number | 85015230 |
| Design | B |
| Dimension Diagram | 40LYE246 |
| 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 |
|---------|-------|-------|------------|---------|
| 83 A | 60 Hz | 30 Hp | 1775 r/min | 200 V |

| | |
|------------------------------------|---|
| Enclosure Type | OPSB |
| Frame Material | Steel |
| Frame Size | 286 |
| Frequency (f) | 60 Hz |
| Global Commercial Alias | EM2535T-8G |
| Gross Volume | 14448.906 in ³ |
| Gross Weight | 340 lb |
| Horsepower Rating | 30.000 Hp |
| UL/CSA | |
| IDEA Granular Category Code (IGCC) | 1318 >> Heating and cooling system motor AC |
| Insulation Class | H |
| Invoice Description | 30HP,1775RPM,3PH,60HZ,286T,4060M,OPSB,N |
| Made To Order | No |
| Medium Description | Shaft Ground, 30 HP, 1800 RPM, Frame Size 286T, Standard Mounting, 3 Phase, OPSB Enclosure, 200 V, 60 Hz (EM2535T-8G) |
| Minimum Order Quantity | 1 piece |
| Motor Base Type | Foot Mounted |
| Motor Frame Size | 286T |
| 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 | 31 in |
| Product Net Height | 19.625 in |
| Product Net Weight | 340 lb |
| Product Net Width | 23.75 in |
| Product Type | Undefined |
| Quote Only | No |
| Rated Current (I _n) | 83 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 286T, Standard, 3 PH, OPSB, 200 V |
| Standards | NEMA |
| Starting of Motor | Direct On Line |
| Stocked At (Warehouses) | China Alabama, United States Alaska, United States |
| | 1800 r/min |
| Type of Duty | Continuous |
| UNSPSC | 26101105 |
| Voltage Rating | 200 V |

Categories

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

