



 PRODUCT-DETAILS

EM2540T

General Purpose Motor 40 Hp 230 V (EM2540T)



General Information

| | |
|-------------------------|---|
| Global Commercial Alias | EM2540T |
| Product ID | 7BEM2540T |
| ABB Type Designation | 40HP,1180RPM,3PH,60HZ,364T,4278M,OP |
| Catalog Description | General Purpose Motor 40 Hp 230 V (EM2540T) |

Additional Information

| | |
|----------------------|-------------------------------------|
| ABB Type Designation | 40HP,1180RPM,3PH,60HZ,364T,4278M,OP |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6313 Ball |
| Bearing NDE | 6311 Ball |
| Brake Present | No |
| Brand / Label | Baldor-Reliance |
| Catalog Number | EM2540T |
| Certification Agency | CSA |

CSA EEV
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| | |
|-----------------------|--|
| Country of Origin | United States (US) |
| Customs Tariff Number | 85015230 |
| Design | A |
| Dimension Diagram | 42LYH047 |
| Direction of Rotation | Both sides |
| Drive End Flange Type | Standard |
| Duty Time | 60 Min |
| ETIM 7 | EC001851 - Electric motor |
| Efficiency Level | IE3 Not Regulated / Exempt Premium Efficiency (NEMA 12-12) |

Electrical Data

| Current | Freq | Power | Speed | Voltage |
|---------|-------|-------|------------|---------|
| 104 A | 60 Hz | 40 Hp | 1180 r/min | 230 V |
| 51 A | 60 Hz | 40 Hp | 1180 r/min | 460 V |

| | |
|---------------------------------------|--|
| Enclosure Type | OPSB |
| Frame Material | Steel |
| Frame Size | 364 |
| Frequency (f) | 60 Hz |
| Global Commercial Alias | EM2540T |
| Gross Volume | 18748.226 in ³ |
| Gross Weight | 598 lb |
| Horsepower Rating UL/CSA | 40.000 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 | 40HP,1180RPM,3PH,60HZ,364T,4278M,OPSB,F1 |
| Lubrication | Regreasable |
| Made To Order | No |
| Medium Description | General Purpose 3PH Open, 40 HP, 1200 RPM, Frame Size 364T, Standard Mounting, 3 Phase, OPSB Enclosure, 230/460 V, 60 Hz (EM2540T) |
| Minimum Order Quantity | 1 piece |
| Motor Base Type | Foot Mounted |
| Motor Frame Size | 364T |
| Motor Frame Suffix | T |
| Mounting Orientation | Horizontal |
| Mounting Position | F1 |
| NEMA Design Code | A |
| Number of Phases | 3 |
| Number of Poles | 6 |
| Number of Poles (High) | 6 |
| Number of Speeds | Single Speed |
| Order Multiple | 1 piece |
| Output Power | 40 Hp |
| Power Factor | 79 % |
| Product Name | General Purpose 3PH Open |
| Product Net Depth / Length | 33.75 in |

| | |
|---------------------------------|---|
| Product Net Height | 21.625 in |
| Product Net Weight | 598 lb |
| Product Net Width | 25.688 in |
| Product Type | Undefined |
| Quote Only | No |
| Rated Current (I _n) | 104 A 51 A |
| Rated Efficiency | 94.10 % |
| Rated Speed | 1180 r/min |
| Selling Unit of Measure | piece |
| Service Factor | 1.15 |
| Service Factor Percentage | 1.15 % |
| Shaft Diameter | 2.38 in |
| Short Description | 40 HP, 1200 RPM, Frame Size 364T, 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 | 1200 r/min -- |
| Two Speed Motor | No |
| Type of Duty | Continuous |
| UNSPSC | 26101115 |
| Voltage Code | H |
| Voltage Rating | 230 V 460 V |

Categories

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

