

Product Information Packet: Model No: 810096.00, Catalog No:810096.00 Encoder Motors, TEBC - Axial, 40 HP, 3 Ph, 60 Hz, 230/460 V, 1182 RPM, 364TC Frame

Nameplate Specifications

| | | | |
|------------------------|----------------------|----------------------------|---|
| Output HP | 40 Hp | Output KW | 30.0 kW |
| Frequency | 60 Hz | Voltage | 230/460 V |
| Current | 107.0/53.5 A | Speed | 1182 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 91 % | Power Factor | 77 |
| Duty | Continuous | Insulation Class | H |
| Design Code | INV | KVA Code | G |
| Frame | 364TC | Enclosure | Totally Enclosed Blower cooled - Axial |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6314 | Opp Drive End Bearing Size | 6312 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 43 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|------------------------------------|-----------------------|--------------------------|
| Electrical Type | Squirrel Cage Inverter Duty | Starting Method | Inverter Only |
| Poles | 6 | Rotation | Reversible |
| Resistance Main | .2 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Cast Iron |
| Shaft Type | T | Overall Length | 42.67 in |
| Frame Length | 13.50 in | Shaft Diameter | 2.375 in |
| Shaft Extension | 5.88 in | Assembly/Box Mounting | F1/F2 CAPABLE |
| Inverter Load | CONSTANT 2000:1 | | |
| Connection Drawing | A-EE7308T-LE | Outline Drawing | B-SS518551LE-1350 |

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