Product Information Packet: Model No: 449THFS8048, Catalog No:Y533 Blue Max® Inverter Duty Encoder Motor, 350 HP, 3 Ph, 60 Hz, 460 V, 1800 & 1800 RPM, 447/449T Frame, TEBC-AXIAL

marathon®

Nameplate Specifications

| Phase | 3 | Output HP | 350 Hp |
|------------------------|------------|----------------------------|--|
| Output KW | 260.0 kW | Voltage | 460 V |
| Speed | 1784 r/min | Service Factor | 1.00 |
| Frame | 447/449T | Enclosure | Totally Enclosed Blower cooled - Axial |
| Thermal Protection | Thermostat | Efficiency | 95.4 % |
| Ambient Temperature | 40 °C | Frequency | 60 Hz |
| Current | 385.0 A | Power Factor | 90 |
| Duty | Continuous | Insulation Class | н |
| Design Code | INV | KVA Code | н |
| Drive End Bearing Size | 6319 | Opp Drive End Bearing Size | 6318 |
| UL | Recognized | CSA | Y |
| CE | Υ | IP Code | 43 |
| Number of Speeds | 1 | | |

Technical Specifications

| Electrical Type | Squirrel Cage Inverter Duty | Starting Method | Inverter Only |
|-----------------------|-----------------------------|-----------------------|---------------|
| Poles | 4 | Rotation | Reversible |
| Resistance Main | .0085 O | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Cast Iron |
| Shaft Type | т | Overall Length | 63.34 in |
| Frame Length | 28.75 in | Shaft Diameter | 3.375 in |
| Shaft Extension | 8.75 in | Assembly/Box Mounting | F1/F2 CAPABLE |
| Inverter Load | CONSTANT 2000:1 | | |
| Outline Drawing | B-SS555990A-2875 | Connection Drawing | A-EE7300T |

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