Product Information Packet: Model No: LM34101, Catalog No:LM34101 250 HP, Severe Duty Motor, 3 phase, 1800 RPM, 460 V, 447/449T Frame, TEFC



Nameplate Specifications

| Output HP | 250 Hp | Output KW | 187.0 kW |
|------------------------|------------|----------------------------|-----------------------------|
| Frequency | 60 Hz | Voltage | 460 V |
| Current | 285.0 A | Speed | 1785 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 96.5 % | Power Factor | 86 |
| Duty | Continuous | Insulation Class | F |
| Design Code | В | KVA Code | G |
| Frame | 447/449T | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6319 | Opp Drive End Bearing Size | 6318 |
| UL | Recognized | CSA | Υ |
| CE | Υ | IP Code | 54 |
| Number of Speeds | 1 | | |
| | | | |

Technical Specifications

| Electrical Type | Squirrel Cage Induction Run | Starting Method | Wye Start Delta Run |
|-----------------------|-----------------------------|-----------------------|---------------------|
| Poles | 4 | Rotation | Reversible |
| Resistance Main | .0107 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Cast Iron |
| Shaft Type | Т | Overall Length | 51.86 in |
| Frame Length | 28.75 in | Shaft Diameter | 3.375 in |
| Shaft Extension | 8.5 in | Assembly/Box Mounting | F1/F2 CAPABLE |
| Outline Drawing | B-SS515635-2875 | Connection Drawing | A-EE7340-LN |

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