Product Information Packet: Model No: LM21859, Catalog No:LM21859 Automotive Duty Motor, 40 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 364UC Frame, TEFC

Nameplate Specifications

| Output HP | 40 Hp | Output KW | 30.0 kW |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency | 60 Hz | Voltage | 460 V |
| Current | 46.5 A | Speed | 1780 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 94.1 % | Power Factor | 86 |
| Duty | Continuous | Insulation Class | F |
| Design Code | В | KVA Code | F |
| Frame | 364UC | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 65 °C |
| Drive End Bearing Size | 6314 | Opp Drive End Bearing Size | 6312 |
| UL | Recognized | CSA | Υ |
| CE | Υ | IP Code | 43 |
| Number of Speeds | 1 | | |
| | | | |

Technical Specifications

| Electrical Type | Squirrel Cage Induction Run | Starting Method | Across The Line |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Poles | 4 | Rotation | Reversible |
| Resistance Main | .16 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Cast Iron |
| Shaft Type | U | Overall Length | 32.00 in |
| Frame Length | 13.50 in | Shaft Diameter | 2.125 in |
| Shaft Extension | 6.38 in | Assembly/Box Mounting | F1/F2 CAPABLE |
| Outline Drawing | B-SS518370LN-1350 | Connection Drawing | A-EE7300-LN |

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