Product Information Packet: Model No: LM16222, Catalog No:LM16222 250 HP General Purpose Motor, 3 phase, 3600 RPM, 460 V, 449TS Frame, TEFC

LEESON

Nameplate Specifications

| Output HP | 250 Нр | Output KW | 187.0 kW |
|------------------------|------------|----------------------------|-----------------------------|
| Frequency | 60 Hz | Voltage | 460 V |
| Current | 263.0 A | Speed | 3580 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 95.8 % | Power Factor | 92.5 |
| Duty | Continuous | Insulation Class | F |
| Design Code | В | KVA Code | G |
| Frame | 447/449TS | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 315 | Opp Drive End Bearing Size | 315 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 43 |
| Number of Speeds | 1 | | |

Technical Specifications

| Electrical Type | Squirrel Cage Induction Run | Starting Method | Wye Start Delta Run |
|-----------------------|-----------------------------|-----------------------|---------------------|
| Poles | 2 | Rotation | Reversible |
| Resistance Main | .016 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | TS | Overall Length | 47.99 in |
| Frame Length | 31.67 in | Shaft Diameter | 2.375 in |
| Shaft Extension | 4.75 in | Assembly/Box Mounting | F1/F2 CAPABLE |
| Connection Drawing | A-EE7340-LN | Outline Drawing | XK2F1SS2-3167 |

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