Product Information Packet: Model No: SCA7P54A3131GAAD01, Catalog No:SCA7P54A3131GAAD01 TerraMAX® Cast Iron Motor, 10 HP, 3 Ph, 50 Hz, 415 V, 750 RPM, 160L Frame, TEFC



Nameplate Specifications

| Output HP | 10 Hp | Output KW | 7.5 kW |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency | 50 Hz | Voltage | 415 V |
| Current | 17.1 A | Speed | 728 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 85.3 % | Power Factor | 0.7173 |
| Duty | S1 | Insulation Class | F |
| Frame | 160L | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 50 °C |
| Drive End Bearing Size | 6309 | Opp Drive End Bearing Size | 6209 |
| UL | No | CSA | No |
| CE | Yes | IP Code | 55 |
| Number of Speeds | 1 | Efficiency Class | IE2 |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 8 | Rotation | Bi-Directional |
| Mounting | B35 | Motor Orientation | Horizontal |
| Drive End Bearing | 2z-C3 | Opp Drive End Bearing | 2z-C3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 666 mm | Frame Length | 298 mm |
| Shaft Diameter | 42 mm | Shaft Extension | 110 mm |
| Assembly/Box Mounting | TOP | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0216000951 |

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