Product Information Packet: Model No: TCA0751A3121GACD01, Catalog No:TCA0751A3121GACD01 Cast Iron Motor, 100 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 280S Frame, TEFC



Nameplate Specifications

| Output HP | 100 Hp | Output KW | 75.0 kW |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency | 50 Hz | Voltage | 415 V |
| Current | 122.4 A | Speed | 2982 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 94.7 % | Power Factor | 0.9 |
| Duty | S1 | Insulation Class | F |
| Frame | 280S | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 50 °C |
| Drive End Bearing Size | 6314 | Opp Drive End Bearing Size | 6314 |
| UL | No | CSA | No |
| CE | Yes | IP Code | 55 |
| Number of Speeds | 1 | Efficiency Class | IE3 |
| | | | |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 2 | Rotation | Bi-Directional |
| Mounting | B5 | Motor Orientation | Horizontal |
| Drive End Bearing | СЗ | Opp Drive End Bearing | С3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1060 mm | Frame Length | 549 mm |
| Shaft Diameter | 65 mm | Shaft Extension | 140 mm |
| Assembly/Box Mounting | Тор | | |
| Outline Drawing | 0228000658 | Connection Drawing | 8442000085 |

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