Product Information Packet: Model No: TCA0371A3121GACD01, Catalog No:TCA0371A3121GACD01 Cast Iron Motor, 50 HP, 3 Ph, 50 Hz, 415 V, 3000 RPM, 200L Frame, TEFC

marathon[®]

Nameplate Specifications

| Output HP | 50 Hp | Output KW | 37.0 kW |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency | 50 Hz | Voltage | 415 V |
| Current | 61.7 A | Speed | 2969 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 93.7 % | Power Factor | 0.89 |
| Duty | S1 | Insulation Class | F |
| Frame | 200L | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 50 °C |
| Drive End Bearing Size | 6312 | Opp Drive End Bearing Size | 6212 |
| UL | No | CSA | No |
| 05 | | | 55 |
| CE | Yes | IP Code | 55 |

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 | СЗ |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 769 mm | Frame Length | 370 mm |
| Shaft Diameter | 55 mm | Shaft Extension | 110 mm |
| Assembly/Box Mounting | Тор | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0220000344 |

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