Product Information Packet: Model No: TCA0753A3141GACD01, Catalog No:TCA0753A3141GACD01 Cast Iron Motor, 100 HP, 3 Ph, 50 Hz, 415 V, 1000 RPM, 315S Frame, TEFC



Nameplate Specifications

| Output HP | 100 Hp | Output KW | 75.0 kW |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency | 50 Hz | Voltage | 415 V |
| Current | 137.9 A | Speed | 990 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 94.6 % | Power Factor | 0.8 |
| Duty | S1 | Insulation Class | F |
| Frame | 315S | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 50 °C |
| Drive End Bearing Size | 6319 | Opp Drive End Bearing Size | 6319 |
| 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 | 6 | Rotation | Bi-Directional |
| Mounting | V1 | Motor Orientation | Horizontal |
| Drive End Bearing | C3 | Opp Drive End Bearing | С3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1341 mm | Frame Length | 729 mm |
| Shaft Diameter | 80 mm | Shaft Extension | 170 mm |
| Assembly/Box Mounting | Тор | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0231500893 |

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