Product Information Packet: Model No: TCA0453AF133GAC010, Catalog No:TCA0453AF133GAC010 TerraMAX® Cast Iron Motor, 60 HP, 3 Ph, 50 Hz, 380 V, 1000 RPM, 280S Frame, TEFC

marathon°

Nameplate Specifications

| Phase | 3 | Output HP | 60 Hp |
|------------------------|---------------|----------------------------|-----------------------------|
| Output KW | 45.0 kW | Voltage | 380 V |
| Speed | 989 r/min | Service Factor | 1 |
| Frame | 280S | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Efficiency | 93.7 % |
| Ambient Temperature | 40 °C | Frequency | 50 Hz |
| Current | 90.1 A | Power Factor | 0.81 |
| Duty | S1 | Insulation Class | F |
| Drive End Bearing Size | 6317 | Opp Drive End Bearing Size | 6317 |
| 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 | B35 | Motor Orientation | Horizontal |
| Drive End Bearing | СЗ | Opp Drive End Bearing | СЗ |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1060 mm | Frame Length | 549 mm |
| Shaft Diameter | 75 mm | Shaft Extension | 140 mm |
| Assembly/Box Mounting | R Side | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0228001177 |

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