Product Information Packet: Model No: QCA0902AF113GAA001, Catalog No:QCA0902AF113GAA001 TerraMAX® Cast Iron Motor, 120 HP, 3 Ph, 50 Hz, 380 V, 1500 RPM, 280M Frame, TEFC

marathon®

Nameplate Specifications

| Output HP | 120 Hp | Output KW | 90.0 kW |
|--|-----------------------|---|--------------------------------------|
| Frequency | 50 Hz | Voltage | 380 V |
| Current | 164.8 A | Speed | 1490 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 96.1 % | Power Factor | 0.87 |
| Duty | S1 | Insulation Class | F |
| | | | |
| Frame | 280M | Enclosure | Totally Enclosed Fan Cooled |
| Frame Thermal Protection | 280M No Protection | Enclosure Ambient Temperature | Totally Enclosed Fan Cooled 40 °C |
| | | | |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Thermal Protection Drive End Bearing Size | No Protection 6317 | Ambient Temperature Opp Drive End Bearing Size | 40 °C 6317 |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 4 | Rotation | Bi-Directional |
| Mounting | B3 | Motor Orientation | Horizontal |
| Drive End Bearing | СЗ | Opp Drive End Bearing | С3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1111 mm | Frame Length | 600 mm |
| Shaft Diameter | 75 mm | Shaft Extension | 140 mm |
| Assembly/Box Mounting | R Side | | |
| Outline Drawing | 0228000972 | Connection Drawing | 8442000085 |

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 12/01/2022