Product Information Packet: Model No: TCA0151AE221GAA009, Catalog No:R236 Cast Iron Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 3600 & 3000 RPM, 160M Frame, TEFC

## marathon®

## Nameplate Specifications

| Phase                  | 3                     | Output HP                  | 20 & 15 Hp                  |
|------------------------|-----------------------|----------------------------|-----------------------------|
| Output KW              | 15.0 & 11.0 kW        | Voltage                    | 230/460 & 200/400 V         |
| Speed                  | 3540 & 2950 rpm       | Service Factor             | 1.15 & 1.15                 |
| Frame                  | 160M                  | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection         | Efficiency                 | 91 & 91.2 %                 |
| Ambient Temperature    | 40 °C                 | Frequency                  | 60 & 50 Hz                  |
| Current                | 45.5/22.8 & 39/19.5 A | Power Factor               | 91                          |
| Duty                   | Continuous            | Insulation Class           | F                           |
| Design Code            | N (IEC)               | KVA Code                   | G                           |
| Drive End Bearing Size | 6309                  | Opp Drive End Bearing Size | 6209                        |
| UL                     | Recognized            | CSA                        | N                           |
| CE                     | Y                     | IP Code                    | 55                          |
| Number of Speeds       | 1                     | Efficiency Class           | IE3                         |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Line Or Inverter |
|-----------------------|------------------------------|-----------------------|------------------|
| Poles                 | 2                            | Rotation              | Reversible       |
| Resistance Main       | .73 Ohms                     | Mounting              | Round            |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball             |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron        |
| Shaft Type            | IEC                          | Overall Length        | 20.55 in         |
| Frame Length          | 10.00 in                     | Shaft Diameter        | 1.654 in         |
| Shaft Extension       | 4.33 in                      | Assembly/Box Mounting | F3               |
| Inverter Load         | CONSTANT 2:1/VARIABLE 10:1   |                       |                  |
| Connection Drawing    | 8442000715                   | Outline Drawing       | SS208563A        |

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:06/22/2023