Product Information Packet: Model No: TCA0112AE221GAA009, Catalog No:R234 Cast Iron Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 1800 & 1500 RPM, 160M Frame, TEFC

marathon®

Nameplate Specifications

| Phase | 3 | Output HP | 15 & 10 Hp |
|------------------------|-----------------------|----------------------------|-----------------------------|
| Output KW | 11.0 & 7.5 kW | Voltage | 230/460 & 200/400 V |
| Speed | 1775 & 1485 rpm | Service Factor | 1.15 & 1.15 |
| Frame | 160M | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Efficiency | 92.4 & 90.4 % |
| Ambient Temperature | 40 °C | Frequency | 60 & 50 Hz |
| Current | 37.5/18.7 & 33/16.4 A | Power Factor | 80 |
| Duty | Continuous | Insulation Class | F |
| Design Code | N (IEC) | KVA Code | J |
| 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 | 4 | Rotation | Reversible |
| Resistance Main | .69 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 |

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