Product Information Packet: Model No: SCA1324A1141GAA001, Catalog No:SCA1324A1141GAA001 TerraMAX® Cast Iron Motor, 175 HP, 3 Ph, 50 Hz, 400 V, 750 RPM, 355M Frame, TEFC

marathon®

Nameplate Specifications

| Output HP | 175 Hp | Output KW | 132.0 kW |
|------------------------|---------------|---|-----------------------------|
| Frequency | 50 Hz | Voltage | 400 V |
| Current | 257.2 A | Speed | 743 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 92.6 % | Power Factor | 0.8 |
| Duty | S1 | Insulation Class | F |
| Frame | 355M | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Dratection | | | |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6322 | Ambient Temperature Opp Drive End Bearing Size | 40 °C 6322 |
| | | - | |
| Drive End Bearing Size | 6322 | Opp Drive End Bearing Size | 6322 |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles | 8 | Rotation | Bi-Directional |
| Mounting | V1 | Motor Orientation | Shaftdown |
| Drive End Bearing | СЗ | Opp Drive End Bearing | C3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1680 mm | Frame Length | 1010 mm |
| Shaft Diameter | 95 mm | Shaft Extension | 170 mm |
| Assembly/Box Mounting | Тор | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0235501832 |

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