Product Information Packet: Model No: TCA0224AF141GAC010, Catalog No:TCA0224AF141GAC010 TerraMAX® Cast Iron Motor, 30 HP, 3 Ph, 50 Hz, 380 V, 750 RPM, 225M Frame, TEFC



Nameplate Specifications

| Output HP | 30 Hp | Output KW | 22.0 kW |
|------------------------|---------------|----------------------------|-----------------------------|
| Frequency | 50 Hz | Voltage | 380 V |
| Current | 47.3 A | Speed | 738 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 90.6 % | Power Factor | 0.78 |
| Duty | S1 | Insulation Class | F |
| Frame | 225M | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6313 | Opp Drive End Bearing Size | 6213 |
| 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 | 8 | Rotation | Bi-Directional |
| Mounting | V1 | Motor Orientation | Shaftdown |
| Drive End Bearing | C3 | Opp Drive End Bearing | C3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 968 mm | Frame Length | 425 mm |
| Shaft Diameter | 60 mm | Shaft Extension | 140 mm |
| Assembly/Box Mounting | Тор | | |
| Connection Drawing | 8442000085 | Outline Drawing | 0222500465 |

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