## PRODUCT INFORMATION PACKET

Model No: TCA0373A3141GACD01
Catalog No: TCA0373A3141GACD01
37.0 kW General Purpose Low Voltage IEC Motor, 3 phase, 1000 RPM, 415 V, 250 M Frame, TEFC Cast Iron IE3 Efficiency Motors


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## Nameplate Specifications

| Output HP | 50 Hp | Output KW | 37.0 kW |
| :---: | :---: | :---: | :---: |
| Frequency | 50 Hz | Voltage | 415 V |
| Current | 67.3 A | Speed | 987 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 93.3 \% | Power Factor | 0.82 |
| Duty | S1 | Insulation Class | F |
| Frame | 250M | Enclosure | Totally Enclosed Fan Cooled |
| Ambient Temperature | $50^{\circ} \mathrm{C}$ | Drive End Bearing Size | 6314 |
| Opp Drive End Bearing Size | 6314 | UL | No |
| CSA | No | CE | Yes |
| IP Code | 55 |  |  |

Technical Specifications

| Electrical Type | Squirrel Cage | Starting Method | Direct On Line |
| :--- | :--- | :--- | :--- |
| Poles | $\mathbf{6}$ | Rotation | Bi-Directional |
| Mounting | V1 | Motor Orientation | Horizontal |
| Drive End Bearing | C3 | Opp Drive End Bearing | C3 |
| Frame Material | Cast Iron | Shaft Type | Keyed |
| Overall Length | 1044 mm | Frame Length | $\mathbf{4 6 0 ~ m m ~}$ |
| Shaft Diameter | 65 mm | Shaft Extension | $\mathbf{1 4 0 ~ m m ~}$ |
| Assembly/Box Mounting | Top | Outline Drawing |  |
| Connection Drawing | 8442000085 |  | $\mathbf{0 2 2 5 0 0 0 3 8 1}$ |

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$T_{k} / T_{N}$ - Breakdown Torque / Rated Torque

NOTE
All performance parameters are subjected to standard tolerance as per IEC 60034-1

* Voltage, Frequency and combine variation are as per IEC60034-1

| Efficiency | Europe | China | India | Aus/Nz | Brazil | Global IEC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Standards | - | - | IS $12615: 2018$ | - | - | - |

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