

00218ET3E145TC-S Cut Sheet



WEG Electric S premium efficiency AC induction motor, general purpose and inverter rated, 2hp, 3-phase, 208-230/460 VAC, 1800rpm, TEFC, NEMA 143/5TC frame, rolled steel, C-face/rigid base mount.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/00218ET3E145TC-S>

Technical Specifications

| | |
|--------------------------|------------------------------------|
| Brand | WEG Electric |
| Item | Motor |
| Series | S |
| Efficiency Group | Premium efficiency |
| Efficiency | 86.5 |
| Voltage Type | AC |
| Motor Type | Induction |
| Motor Application | General purpose and inverter rated |
| Horsepower Rating | 2hp |
| Number of Phases | 3 |
| Voltage Rating | 208-230/460 VAC |
| Synchronous Speed | 1800rpm |
| Nameplate RPM | 1745rpm |
| Overload Type | None |
| Enclosure Type | TEFC |
| Shaft Type | Round with square key |

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|---------------------------------|--------------------------------|
| Shaft Diameter | 7/8in |
| Shaft Material | 1045 carbon steel |
| Motor Frame | NEMA 143/5TC |
| Frame Material | Rolled steel |
| Electrically Reversible | Yes |
| Insulation Class | Class F |
| IP Rating | IP55 |
| Constant Torque Rating | 5:1 |
| Variable Torque Rating | 1000:1 |
| Service Factor | 1.15 |
| Integrated Brake | No |
| NEMA Design | Design B |
| Junction Box Orientation | F1 |
| Mounting | C-face/rigid base |
| Mounting Orientation | Horizontal or vertical |
| Additional Information | Class I Div 2 hazardous rating |

Agency Approvals

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|-------------------------|--|
| UL Listed File # | E104590 |
| CE | None |
| CSA File # | LR38324 |
| RoHS Status | No |
| EU REACH | View EU REACH document |

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/00218ET3E145TC-S.pdf>
See store item page for other formats.