

Y517 Cut Sheet



Marathon Blue MAX high efficiency AC induction motor, high-performance inverter duty, 100hp, 3-phase, 230/460 VAC, 1800rpm, TEBC, 405TC frame, cast iron, 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/Y517>

Technical Specifications

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|--------------------------|--------------------------------|---------------------------------|-------------------------------|
| Brand | Marathon | Shaft Diameter | 2-7/8in |
| Item | Motor | Shaft Material | 1045 hot rolled (C-204) steel |
| Series | Blue MAX | Motor Frame | 405TC |
| Efficiency Group | High efficiency | Frame Material | Cast iron |
| Efficiency | 94.5 | Electrically Reversible | Yes |
| Voltage Type | AC | Insulation Class | Class H |
| Motor Type | Induction | IP Rating | IP43 |
| Motor Application | High-performance inverter duty | Constant Torque Rating | 2000:1 |
| Horsepower Rating | 100hp | Variable Torque Rating | 10:1 |
| Number of Phases | 3 | Service Factor | 1.0 |
| Voltage Rating | 230/460 VAC | Integrated Brake | No |
| Synchronous Speed | 1800rpm | NEMA Design | Design A |
| Nameplate RPM | 1785rpm | Junction Box Orientation | F1 reversible |
| Overload Type | None | Mounting | C-face/rigid base |
| Enclosure Type | TEBC | Mounting Orientation | Horizontal |
| Shaft Type | Round with square key | Manufacturer Part Number | 405THFS8046 |

Agency Approvals

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| UL Listed File # | None |
| UL Recognized File # | E49747 |
| UL Hazardous File # | None |
| CE | View CE declarations |
| RoHS Status | No |
| EU REACH | View EU REACH document |