

Y534-A772 Cut Sheet



Marathon Black MAX premium efficiency AC induction motor, high-performance inverter duty, 1/2hp, 3-phase, 230/460 VAC, 1800rpm, TENV, NEMA 56C frame, rolled steel, C-face/removable rigid base mount. Dynapar HS35 encoder included.

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



<https://www.automationdirect.com/pn/Y534-A772>

Technical Specifications

| | |
|--------------------------|--------------------------------|
| Brand | Marathon |
| Item | Motor |
| Series | Black MAX |
| Efficiency Group | Premium efficiency |
| Efficiency | 80 |
| Voltage Type | AC |
| Motor Type | Induction |
| Motor Application | High-performance inverter duty |
| Horsepower Rating | 1/2hp |
| Number of Phases | 3 |
| Voltage Rating | 230/460 VAC |
| Synchronous Speed | 1800rpm |
| Nameplate RPM | 1735rpm |
| Overload Type | None |
| Enclosure Type | TENV |
| Shaft Type | Round with square key |
| Shaft Diameter | 5/8in |

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| Shaft Material | 1144 Stressproof (C-223) steel |
| Motor Frame | NEMA 56C |
| Frame Material | Rolled steel |
| Electrically Reversible | Yes |
| Insulation Class | Class F |
| IP Rating | IP43 |
| Constant Torque Rating | 1000:1 |
| Variable Torque Rating | 10:1 |
| Service Factor | 1.0 |
| Integrated Brake | No |
| NEMA Design | Design A |
| Junction Box Orientation | F1 |
| Mounting | C-face/removable rigid base |
| Mounting Orientation | Horizontal |
| Includes | Dynapar HS35 encoder |
| Additional Information | Optional TRDA-25CBL-VWD-xx premade encoder cable available |

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 |

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/Y534-A772.pdf>
See store item page for other formats.