

Y543A-A772 Cut Sheet



Marathon Black MAX premium efficiency AC induction motor, high-performance inverter duty, 5hp, 3-phase, 230/460 VAC, 1800rpm, TENV, NEMA 184TC frame, aluminum, C-face/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/Y543A-A772>

Technical Specifications

Brand	Marathon
Item	Motor
Series	Black MAX
Efficiency Group	Premium efficiency
Efficiency	89.5
Voltage Type	AC
Motor Type	Induction
Motor Application	High-performance inverter duty
Horsepower Rating	5hp
Number of Phases	3
Voltage Rating	230/460 VAC
Synchronous Speed	1800rpm
Nameplate RPM	1760rpm
Overload Type	None
Enclosure Type	TENV
Shaft Type	Round with square key

Shaft Diameter	1-1/8in
Shaft Material	1144 Stressproof (C-223) steel
Motor Frame	NEMA 184TC
Frame Material	Aluminum
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
Junction Box Orientation	F1 reversible
Mounting	C-face/rigid base
Mounting Orientation	Horizontal
Includes	Dynapar HS35 encoder

Agency Approvals

UL Listed File #	E49747
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	002025_0_000
RoHS Status	No
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/Y543A-A772.pdf>
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