

Y572-A774 Cut Sheet



Marathon Blue MAX standard efficiency AC induction motor, high-performance inverter duty, 50hp, 3-phase, 230/460 VAC, 1800rpm, TEFC, NEMA 326T frame, cast iron, 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/Y572-A774>

Technical Specifications

Brand	Marathon	Shaft Material	1045 hot rolled (C-204) steel
Item	Motor	Motor Frame	NEMA 326T
Series	Blue MAX	Frame Material	Cast iron
Efficiency Group	Standard efficiency	Electrically Reversible	Yes
Efficiency	92.4	Insulation Class	Class H
Voltage Type	AC	IP Rating	IP43
Motor Type	Induction	Constant Torque Rating	20:1
Motor Application	High-performance inverter duty	Variable Torque Rating	10:1
Horsepower Rating	50hp	Service Factor	1.0
Number of Phases	3	Integrated Brake	No
Voltage Rating	230/460 VAC	NEMA Design	Design A
Synchronous Speed	1800rpm	Junction Box Orientation	F1 reversible
Nameplate RPM	1780rpm	Mounting	Rigid base
Overload Type	None	Mounting Orientation	Horizontal
Enclosure Type	TEFC	Includes	Dynapar HS35 encoder
Shaft Type	Round with square key	Additional Information	Optional TRDA-25CBL-VWD-xx premade encoder cable available
Shaft Diameter	2-1/8in		

Agency Approvals

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/Y572-A774.pdf>
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