

Y513 Cut Sheet



Marathon Blue MAX standard efficiency AC induction motor, high-performance inverter duty, 40hp, 3-phase, 230/460 VAC, 1800rpm, TEBC, NEMA 324TC 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/Y513>

Technical Specifications

Brand	Marathon
Item	Motor
Series	Blue MAX
Efficiency Group	Standard efficiency
Efficiency	91.7
Voltage Type	AC
Motor Type	Induction
Motor Application	High-performance inverter duty
Horsepower Rating	40hp
Number of Phases	3
Voltage Rating	230/460 VAC
Synchronous Speed	1800rpm
Nameplate RPM	1770rpm
Overload Type	None
Enclosure Type	TEBC
Shaft Type	Round with square key

Shaft Diameter	2-1/8in
Shaft Material	1045 hot rolled (C-204) steel
Motor Frame	NEMA 324TC
Frame Material	Cast iron
Electrically Reversible	Yes
Insulation Class	Class H
IP Rating	IP43
Constant Torque Rating	2000:1
Variable Torque Rating	10:1
Service Factor	1.0
Integrated Brake	No
NEMA Design	Design A
Junction Box Orientation	F1 reversible
Mounting	C-face/rigid base
Mounting Orientation	Horizontal
Manufacturer Part Number	324THFPA8038

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/Y513.pdf>
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