

# C147A Cut Sheet



Marathon premium efficiency AC induction motor, general purpose, 1/4hp, 1-phase, 115/230 VAC, suitable for 208 VAC at 60 Hz, 1800rpm, ODP, NEMA 48 frame, rolled steel, rigid base mount.

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



<https://www.automationdirect.com/pn/C147A>

## Technical Specifications

<b>Brand</b>	Marathon
<b>Item</b>	Motor
<b>Efficiency Group</b>	Premium efficiency
<b>Efficiency</b>	68.5
<b>Voltage Type</b>	AC
<b>Motor Type</b>	Induction
<b>Motor Application</b>	General purpose
<b>Horsepower Rating</b>	1/4hp
<b>Number of Phases</b>	1
<b>Voltage Rating</b>	115/230 VAC, suitable for 208 VAC at 60 Hz
<b>Synchronous Speed</b>	1800rpm
<b>Nameplate RPM</b>	1725rpm
<b>Overload Type</b>	None
<b>Enclosure Type</b>	ODP
<b>Shaft Type</b>	Round with square key

<b>Shaft Diameter</b>	1/2in
<b>Shaft Material</b>	1144 Stressproof (C-223) steel
<b>Motor Frame</b>	NEMA 48
<b>Frame Material</b>	Rolled steel
<b>Electrically Reversible</b>	Yes
<b>Insulation Class</b>	Class B
<b>IP Rating</b>	IP22
<b>Service Factor</b>	1.35
<b>Integrated Brake</b>	No
<b>NEMA Design</b>	Design N
<b>Junction Box Orientation</b>	F1
<b>Mounting</b>	Rigid base
<b>Mounting Orientation</b>	Horizontal
<b>Manufacturer Part Number</b>	048B17D11005

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	E49747
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	LR2025
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/C147A.pdf>  
See store item page for other formats.