marathon®

General Purpose Motors

Model No: 132042.00
Catalog No: 132042.00

General Purpose Motor, 5 HP, 1 Ph, 60 Hz, 230 V, 3600 RPM, 184T Frame, TEFC

©2026 Marathon, All Rights Reserved.

marathon®

Product Information Packet: Model No: 132042.00, Catalog No: 132042.00 General Purpose Motor, 5 HP, 1 Ph, 60 Hz, 230 V, 3600 RPM, 184T Frame, TEFC

Nameplate Specifications

Phase	**1**	Output HP	**5 Hp**
Output KW	**3.7 kW**	Voltage	**230 V**
Speed	**3500 r/min**	Synchronous RPM	**3600 r/min**
Service Factor	**1.15**	Frame	**184T**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**Manual**
Efficiency	**82.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**19.8 A**
Power Factor	**98**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**L**
KVA Code	**H**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**43**	Number of Speeds	**1**

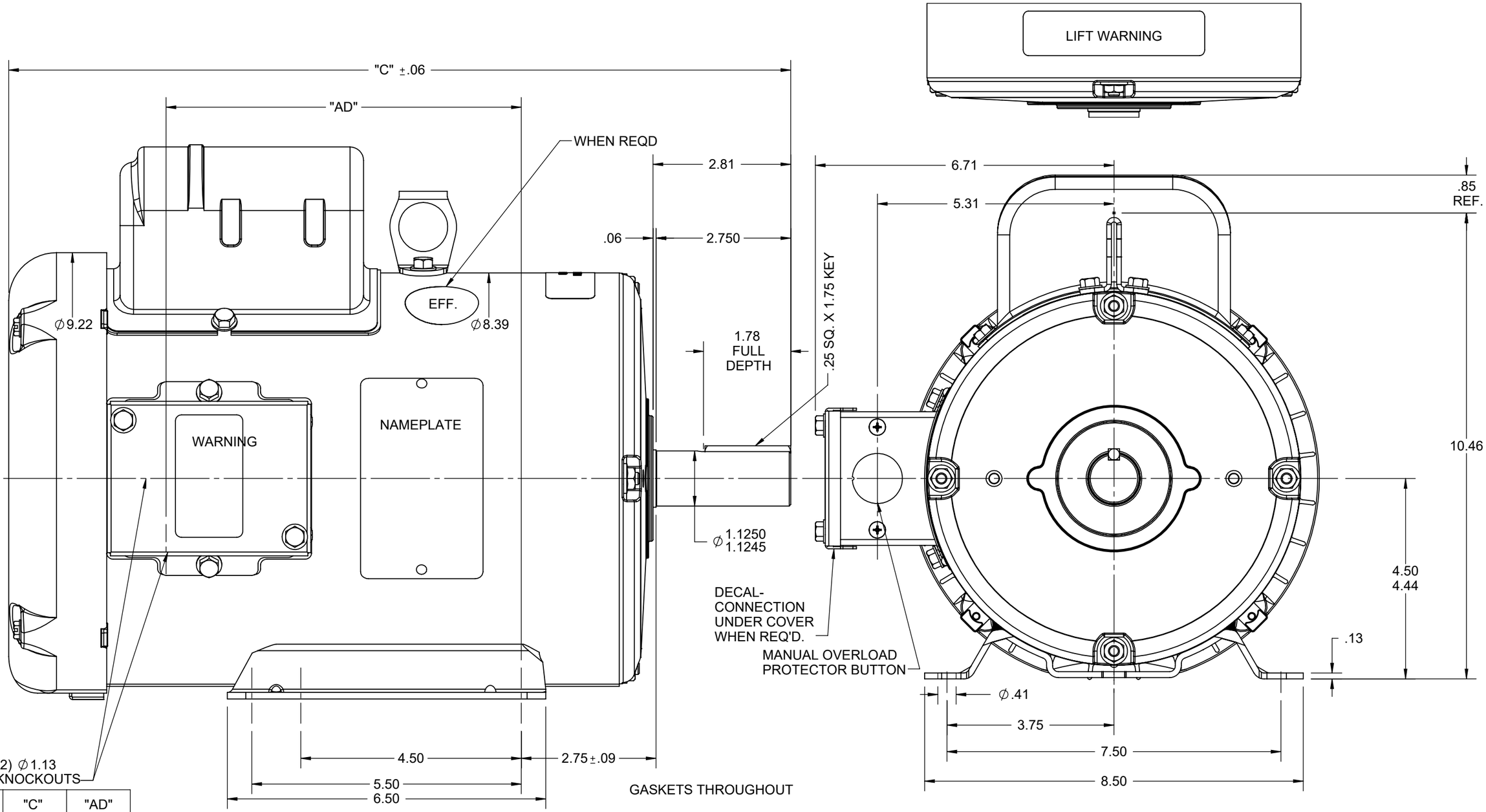
Technical Specifications

Electrical Type	**Capacitor Start Capacitor Run**	Starting Method	**Across The Line**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**.342 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**T**	Overall Length	**16.96 in**
Frame Length	**11.5 in**	Shaft Diameter	**1 1/8 in**
Shaft Extension	**2.75 in**	Assembly/Box Mounting	**F1 Only**

Drawings

Connection Drawing	**005056.03**	Outline Drawing	**035482-1150**

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 13/10/2026



DASH NO.	"C"	"AD"
850	13.96	5.25
900	14.46	5.75
950	14.96	6.25
1000	15.46	6.75
1050	15.96	7.25
1100	16.46	7.75
1150	16.96	8.25
1200	17.46	8.75
1250	17.96	9.25

DRAWING REVISION	REVISION BY	REV DATE/© DATE
E	SB	08/28/2025
REQUEST NUMBER	APPROVED BY	DATE
CR-0023556	SBD	08/28/2025

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

COPYRIGHT (PER REVISION DATE) MARATHON ELECTRIC, LLC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF MARATHON ELECTRIC, LLC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.

TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7' 30"
.XX	±0.03	[±0.8]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 200 INCH / 5.1 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	
LST	
DATE	
12/8/03	
APPROVED BY	
KH	
DATE	
12/10/03	
REFERENCE	
PR030439	

marathon™

DESCRIPTION
OUTLINE
TEFC - RIGID MOUNT

MATERIAL	PROCESS/FINISH
GENERAL PURPOSE	

THIRD ANGLE PROJECTION

SIZE	DRAWING NUMBER	SHEET
B	035482	1 OF 1