marathon®

50 Hz Motors

Model No: 131554.00
Catalog No: 131554.00

50 Hz Motor, 3 HP, 1 Ph, 50 Hz, 220 V, 1500 RPM, 184T Frame, DP

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marathon®

Product Information Packet: Model No: 131554.00, Catalog No: 131554.00 50 Hz Motor, 3 HP, 1 Ph, 50 Hz, 220 V, 1500 RPM, 184T Frame, DP

Nameplate Specifications

Phase	**1**	Output HP	**3 Hp**
Output KW	**2.2 kW**	Voltage	**220 V**
Speed	**1440 r/min**	Synchronous RPM	**1500 r/min**
Service Factor	**1.15**	Frame	**184T**
Enclosure	**Drip Proof**	Thermal Protection	**No Protection**
Efficiency	**76 %**	Ambient Temperature	**40 °C**
Frequency	**50 Hz**	Current	**16.8 A**
Power Factor	**79**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**NO DESIGN CODE**
KVA Code	**H**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**22**	Number of Speeds	**1**

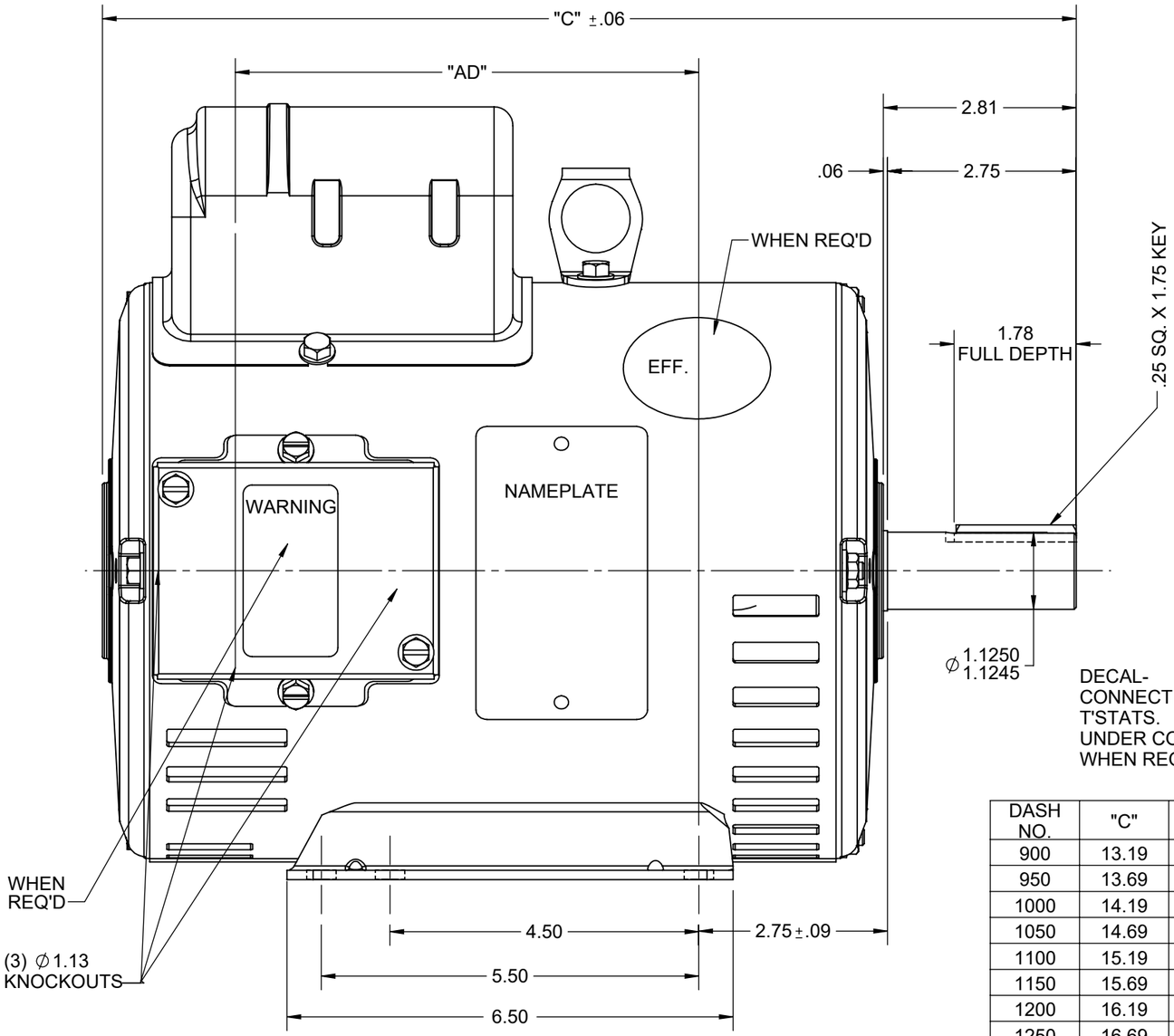
Technical Specifications

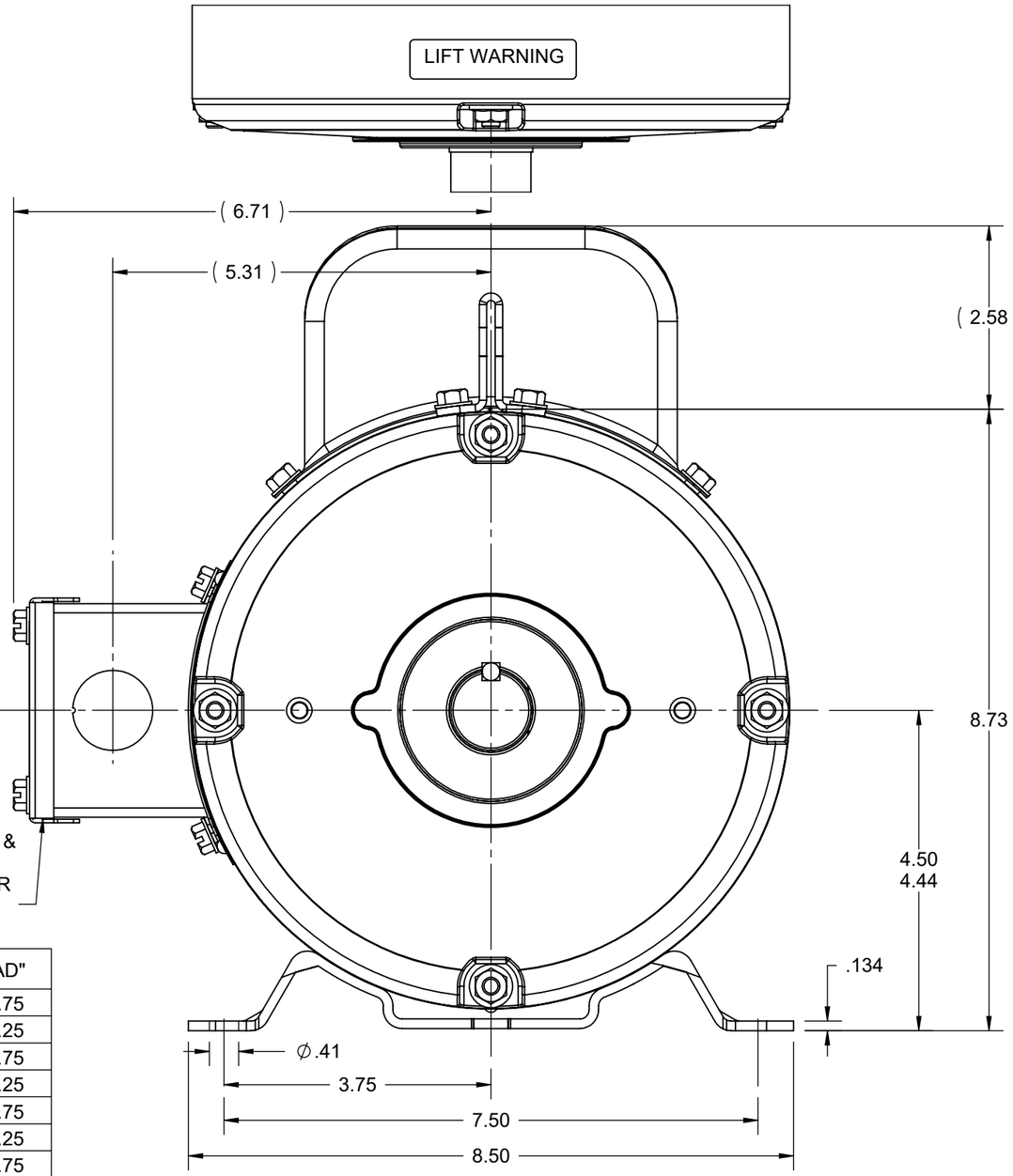
Electrical Type	**Capacitor Start Induction Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Selective Counterclockwise**
Resistance Main	**0 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**T**	Overall Length	**14.69 in**
Frame Length	**10.5 in**	Shaft Diameter	**1 1/8 in**
Shaft Extension	**2.75 in**	Assembly/Box Mounting	**F1 Only**

Drawings

Connection Drawing	**005403.01**	Outline Drawing	**035370-1050**

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DASH NO.	"C"	"AD"
900	13.19	5.75
950	13.69	6.25
1000	14.19	6.75
1050	14.69	7.25
1100	15.19	7.75
1150	15.69	8.25
1200	16.19	8.75
1250	16.69	9.25

GASKETS THROUGHOUT

DRAWING REVISION: F	REVISION BY: SB	REV DATE/© DATE: 07/23/2025
REQUEST NUMBER: CR-0023556	APPROVED BY: SBD	DATE: 07/23/2025
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED		

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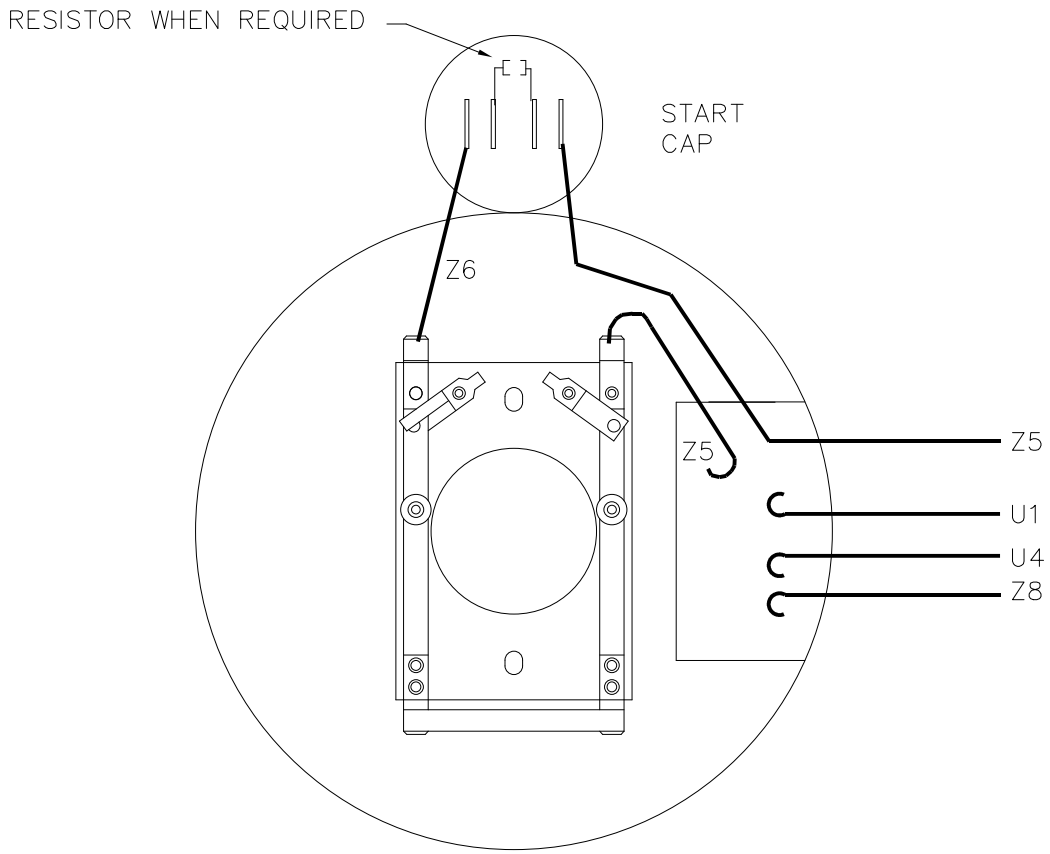
TOLERANCES (EXCEPT AS NOTED):

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

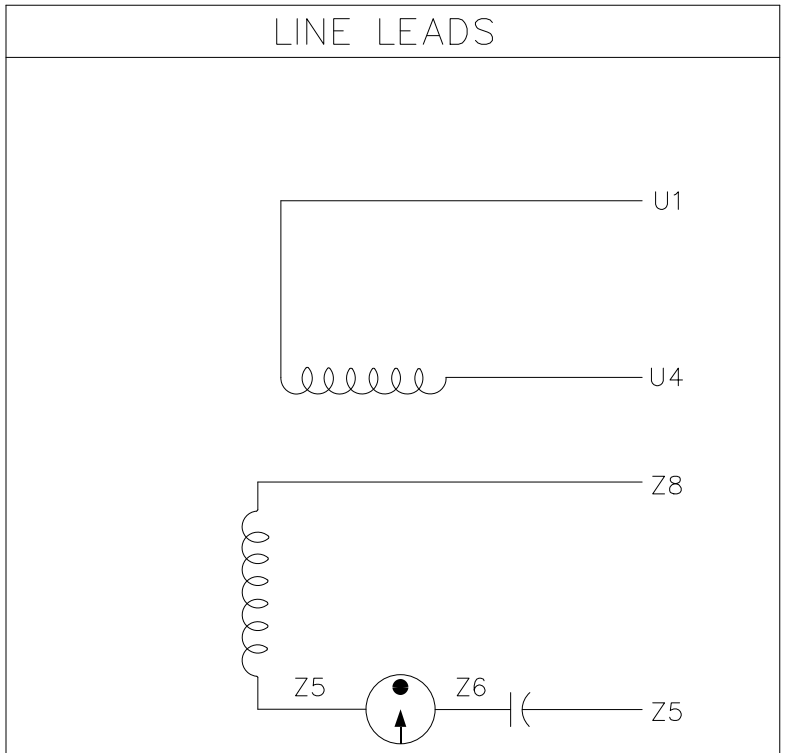
DRAWN BY: PG	marathon™
DATE: 10/02/97	
APPROVED BY	DESCRIPTION: OUTLINE — DRIP PROOF - RIGID MOUNT
DATE	
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: 035370 / SHEET: 1 OF 1

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

TYPE "C" W/O PROT.
REF. DECAL 080670



ROTATION FACING LEAD END	L1	L2
C.C.W. ROT.	U1, Z8	U4, Z5
C.W. ROT.	U1, Z5	U4, Z8

DRAWING REVISION	REVISION BY	REV DATE/ © DATE
C	SV	05/11/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0026249	RMS	05/11/2026

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±0.5°
.XX	±0.01	[±0.3]	
.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: 125 INCH / 3.2 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	TMZ
DATE	04/14/97
APPROVED BY	
DATE	
REFERENCE	5033-01
THIRD ANGLE PROJECTION	

marathon™

DESCRIPTION
EXTERNAL WIRING DIAGRAM
TYPE "C" W/O PROTECTOR

MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
A	4 of 4 005403-01	1 OF 1