marathon®

General Purpose Motors

Model No: 131631.00
Catalog No: 131631.00

General Purpose Motor, 3 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 184TC Frame, TEFC

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Product Information Packet: Model No: 131631.00, Catalog No: 131631.00 General Purpose Motor, 3 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 184TC Frame, TEFC

Nameplate Specifications

Phase	**1**	Output HP	**3 Hp**
Output KW	**2.2 kW**	Voltage	**115/208-230 V**
Speed	**1740 r/min**	Synchronous RPM	**1800 r/min**
Service Factor	**1.00**	Frame	**184TC**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**Manual**
Efficiency	**77 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**33.6/18.0-16.8 A**
Power Factor	**75**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**L**
KVA Code	**J**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**43**	Number of Speeds	**1**

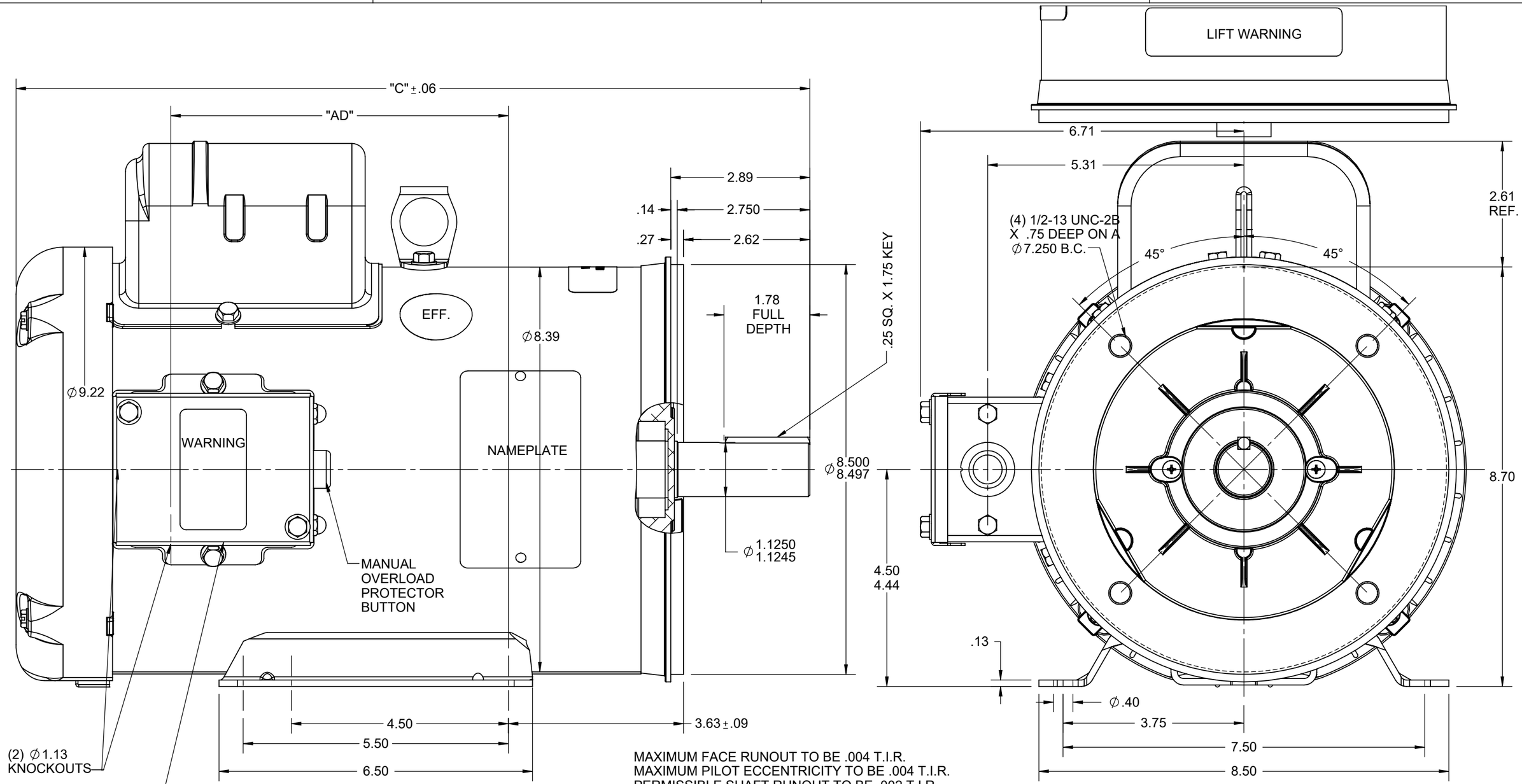
Technical Specifications

Electrical Type	**Capacitor Start Induction Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Selective Counterclockwise**
Resistance Main	**.642 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	**16.47 in**
Frame Length	**11.0 in**	Shaft Diameter	**1 1/8 in**
Shaft Extension	**2.75 in**	Assembly/Box Mounting	**F1 Only**

Drawings

Connection Drawing	**005067.02**	Outline Drawing	**035381-1100**

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MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.
GASKETS THROUGHOUT

DASH NO.	"C"	"AD"
850	13.97	4.50
900	14.47	5.00
950	14.97	5.50
1000	15.47	6.00
1050	15.97	6.50
1100	16.47	7.00
1150	16.97	7.50
1200	17.47	8.00

DRAWING REVISION	REVISION BY	REV DATE/© DATE
E	SB	09/03/2025
REQUEST NUMBER	APPROVED BY	DATE
CR-0023556	SBD	09/03/2025

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

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PG	
DATE	
10/30/97	
APPROVED BY	
DATE	
REFERENCE	
THIRD ANGLE PROJECTION	

marathon™

DESCRIPTION
OUTLINE
TEFC - "C" FACE - RIGID "C"

MATERIAL: W/ MANUAL PROTECTOR
PROCESS/FINISH:

SIZE	DRAWING NUMBER	SHEET
B	035381	1 OF 1