marathon®

General Purpose Motors

Model No: 131616.00
Catalog No: 131616.00

General Purpose Motor, 5 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, 184T Frame, DP

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Product Information Packet: Model No: 131616.00, Catalog No: 131616.00 General Purpose Motor, 5 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, 184T Frame, DP

Nameplate Specifications

Phase	**1**	Output HP	**5 Hp**
Output KW	**3.7 kW**	Voltage	**208-230 V**
Speed	**3500 r/min**	Synchronous RPM	**3600 r/min**
Service Factor	**1.15**	Frame	**184T**
Enclosure	**Drip Proof**	Thermal Protection	**No Protection**
Efficiency	**80 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**24.0-22.0 A**
Power Factor	**92**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**L**
KVA Code	**G**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**22**	Number of Speeds	**1**

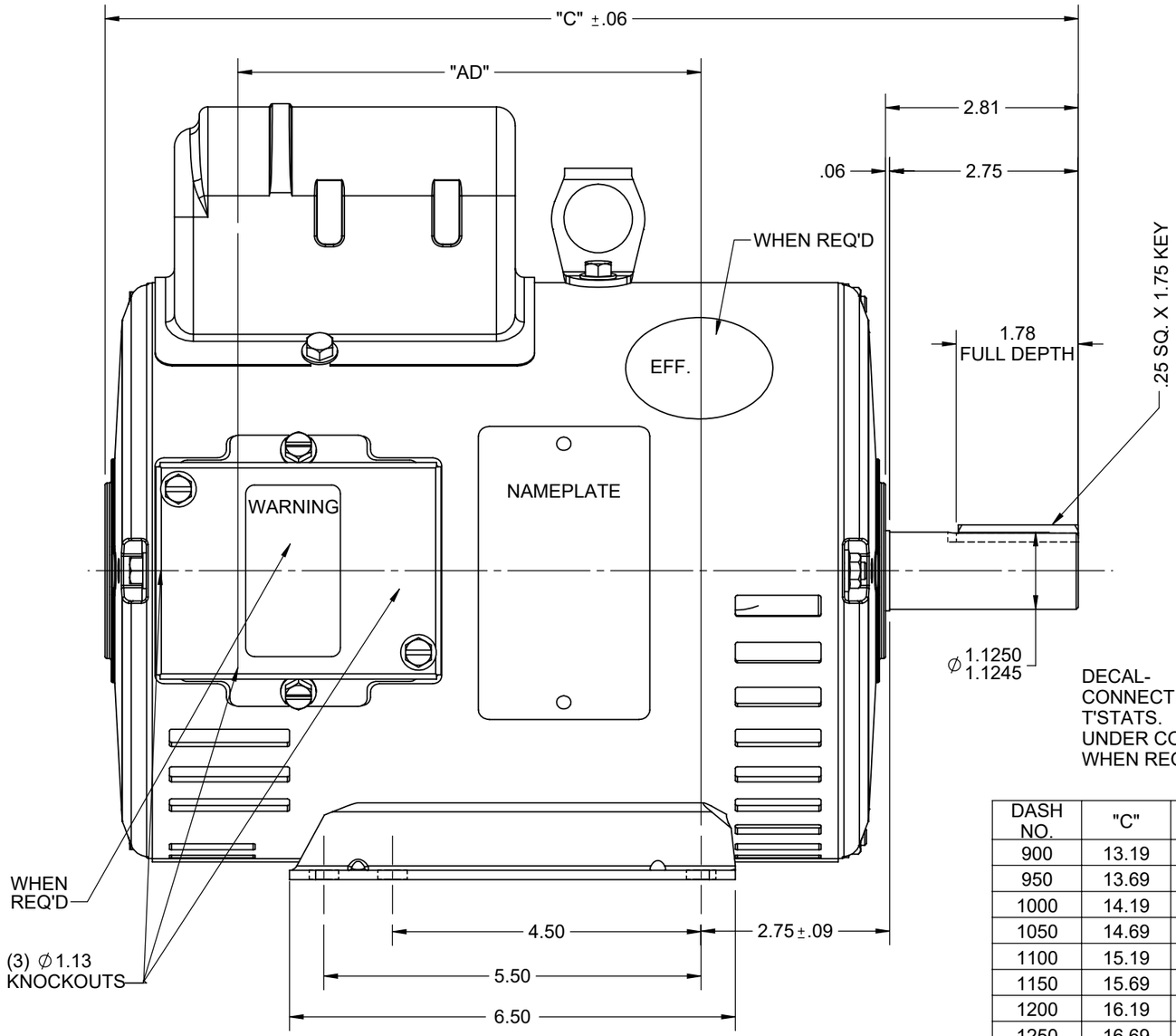
Technical Specifications

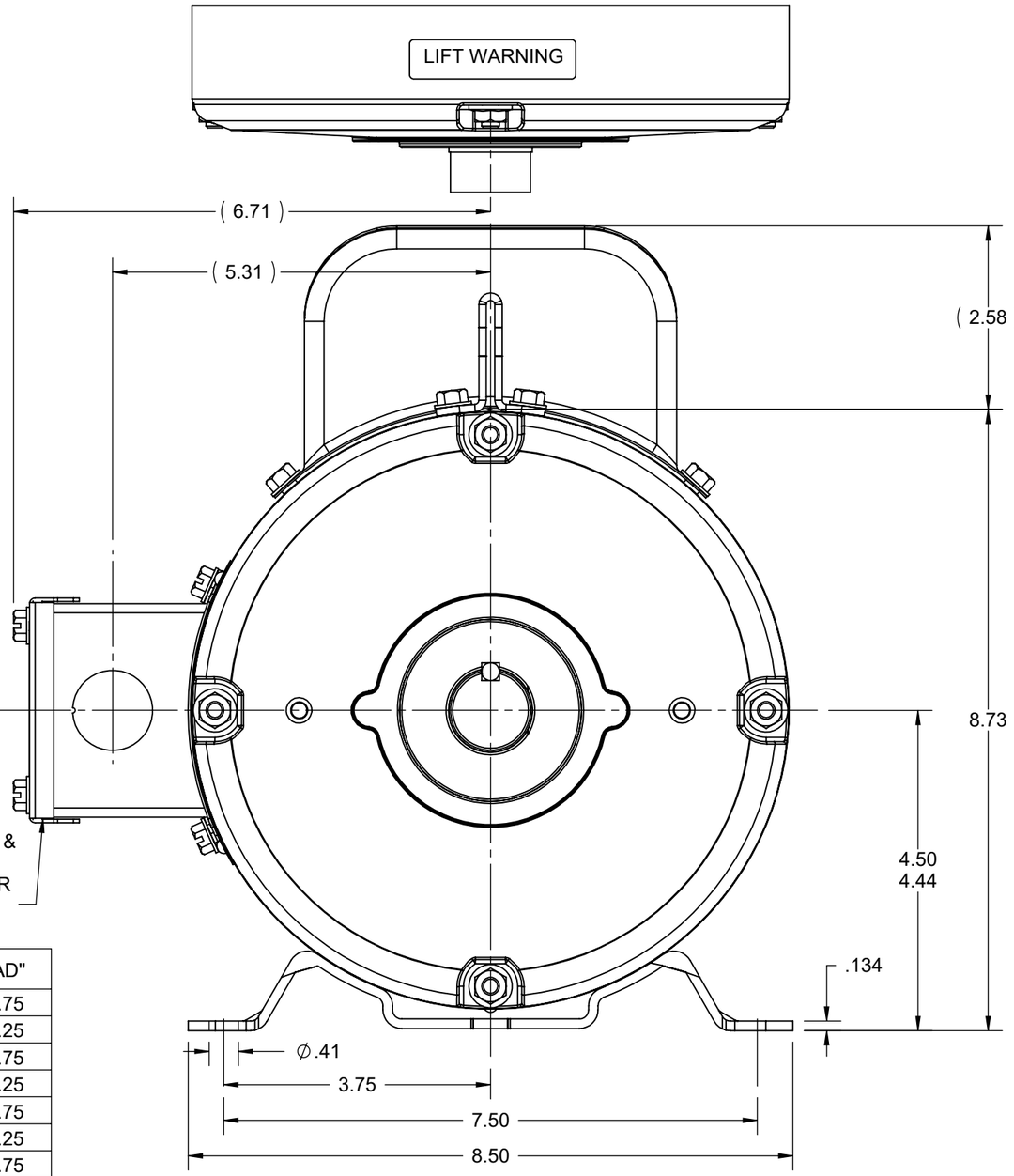
Electrical Type	**Capacitor Start Capacitor Run**	Starting Method	**Across The Line**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**.37 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft 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	**005018.01**	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	REVISION BY	REV DATE/© DATE
F	SB	07/23/2025
REQUEST NUMBER	APPROVED BY	DATE
CR-0023556	SBD	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

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THIRD ANGLE PROJECTION

marathon™

DESCRIPTION
OUTLINE
DRIP PROOF - RIGID MOUNT

MATERIAL | PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	035370	1 OF 1