marathon®

General Purpose Motors

Model No: 140684.00
Catalog No: 140684.00

General Purpose Motor, 7.50 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, 213T Frame, TEFC

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Product Information Packet: Model No: 140684.00, Catalog No: 140684.00 General Purpose Motor, 7.50 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, 213T Frame, TEFC

Nameplate Specifications

Phase	**1**	Output HP	**7.50 Hp**
Output KW	**5.6 kW**	Voltage	**208-230 V**
Speed	**3465 r/min**	Synchronous RPM	**3600 r/min**
Service Factor	**1.00**	Frame	**213T**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**81.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**36.0-32.0 A**
Power Factor	**93.5**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**L**
KVA Code	**G**	Drive End Bearing Size	**6307**
Opp Drive End Bearing Size	**6206**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**43**	Number of Speeds	**1**

Technical Specifications

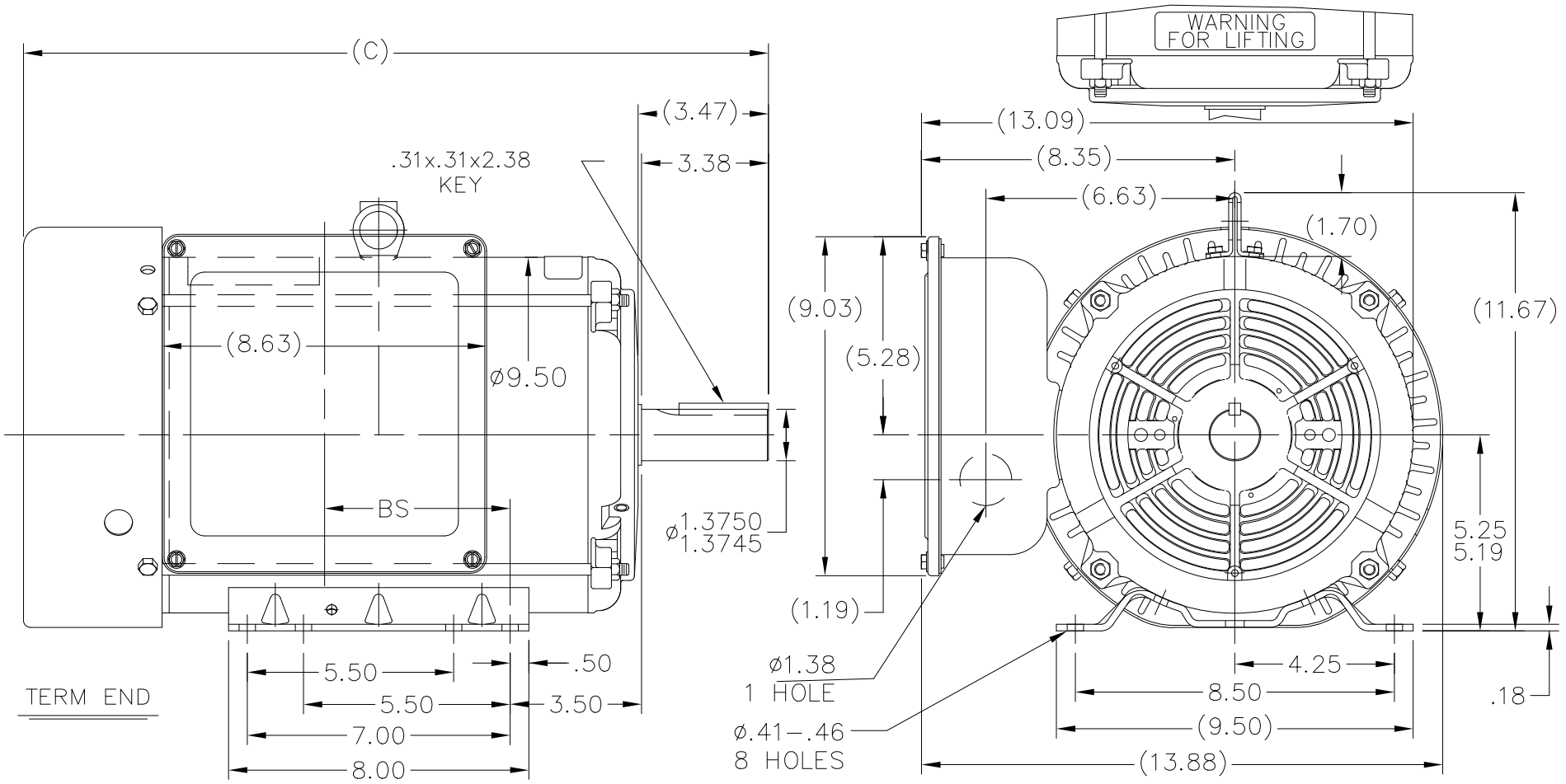
Electrical Type	**Capacitor Start Capacitor Run**	Starting Method	**Across The Line**
Poles	**2**	Rotation	**Selective Counterclockwise**
Resistance Main	**0 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**T**	Overall Length	**18.34 in**
Frame Length	**9.65 in**	Shaft Diameter	**1 3/8 in**
Shaft Extension	**3.38 in**	Assembly/Box Mounting	**F1 Only**

Drawings

Connection Drawing	**EE9048MF**	Outline Drawing	**SS88687LE-965**

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DASH	FR.	C	BS
965	213T	18.34	3.44
1115	213/15T	19.84	4.94
1240	215T	21.09	6.19

NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. DASH 965 TO BE READ FROM OPPOSITE SHAFT END
3. GENERIC OUTLINE, FARM DUTY MODELS INCLUDE SHAFT END SLINGER

DRAWING REVISION	REVISION BY	REV DATE/ © DATE
H	SB	05/18/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0026308	RMS	05/18/2026

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	DESCRIPTION
RJM	OUTLINE
DATE	210 FR. - TEFC - 1 PHASE
07/26/2002	
APPROVED BY	
JPL	
DATE	
08/02/2002	
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: A / DRAWING NUMBER: SS88687LE / SHEET: 1 OF 1

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