PRODUCT INFORMATION PACKET

Model No: 324TTDBD6070
Catalog No: GT0073-P
Globetrotter® General Purpose Motor, 40 HP, 3 Ph, 60 Hz, 208-230/460 V, 1800 RPM, 324T Frame, DP

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marathon® Motors

Nameplate Specifications

Output HP	40 Hp	Output KW	30.0 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	103.0-95.5/47.5 A	Speed	1780 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	324T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start Low Volt Only & Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.209 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Shaft Diameter	2.125 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 4:1/VARIABLE 10:1
Connection Drawing	EE7308AA	Outline Drawing	SS620746-100

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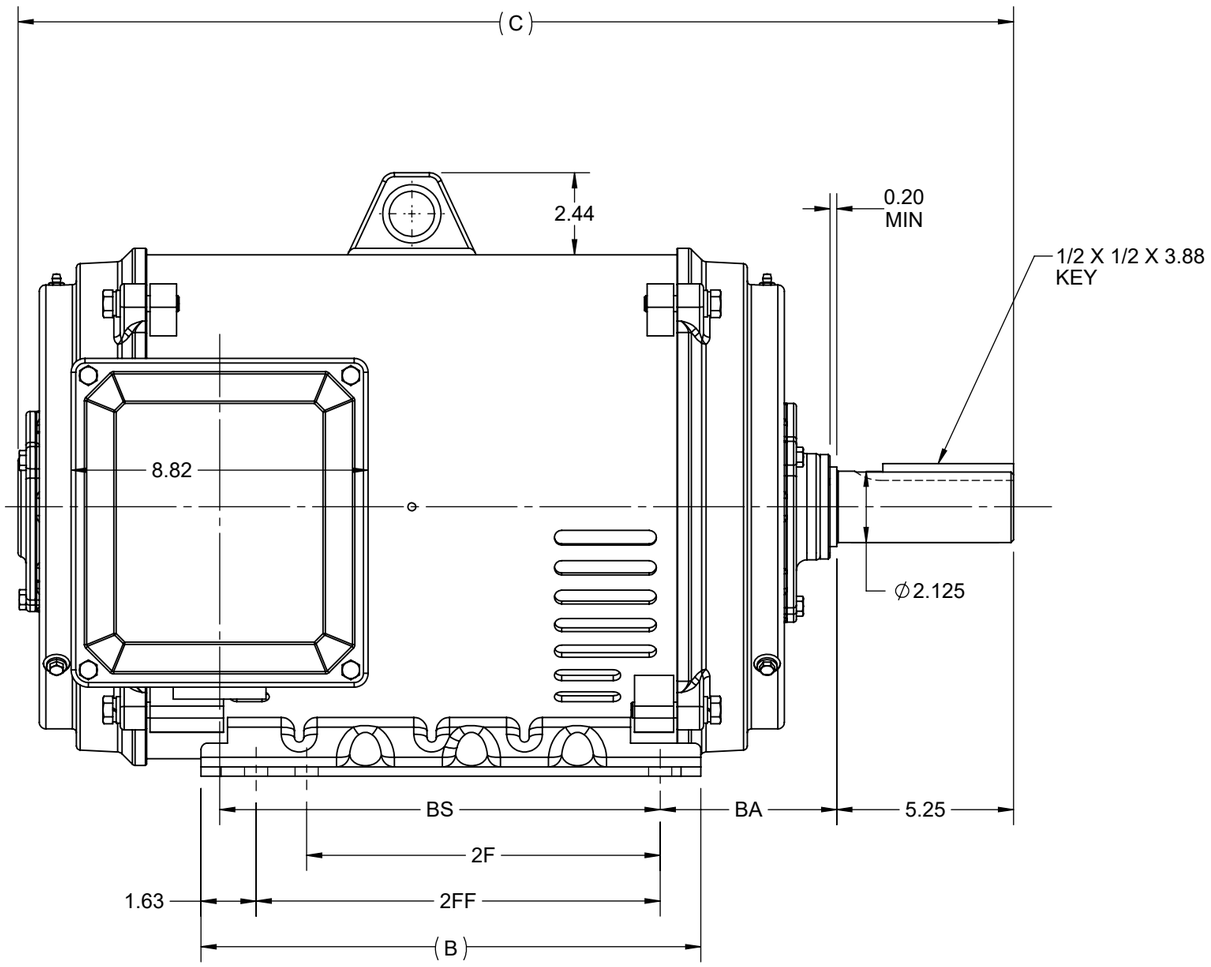
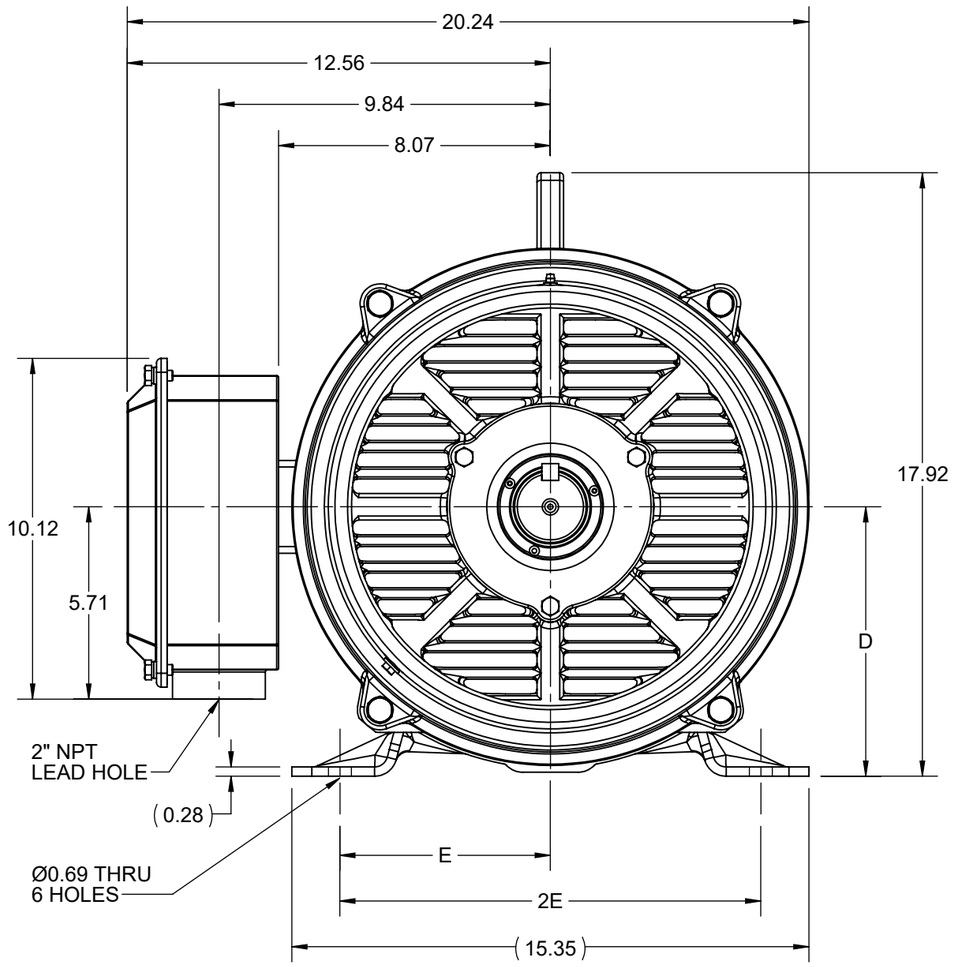
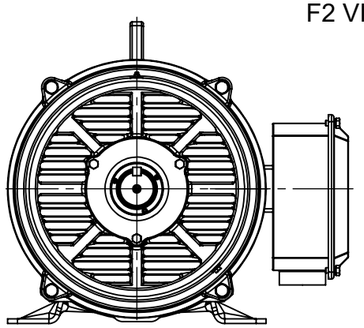
DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	14.85	28.38	8.00	6.25	12.50	10.50	12.00	5.25	11.90	F1 OR F2	324T
200		29.56							13.08		326T





F2 VIEW



DRAWING REVISION	REVISION BY	REV DATE/© DATE
C	RAM	27/01/2022
REQUEST NUMBER	APPROVED BY	DATE
CR-0006568	SBD	27/01/2022

REQUEST NUMBER DESCRIPTION
VIEWS UPDATED AS PER 3D

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DRAWN BY	XZ
DATE	25/02/2016
APPROVED BY	
DATE	
REFERENCE	

Regal Rexnord — Regal Beloit America, Inc.

DESCRIPTION
OUTLINE
324/326T FR NEMA ODP RS

MATERIAL	PROCESS/FINISH

THIRD ANGLE PROJECTION

SIZE	DRAWING NUMBER	SHEET
B	SS620746	1 OF 1

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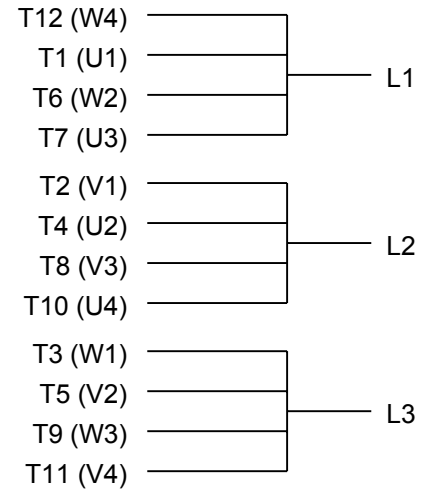
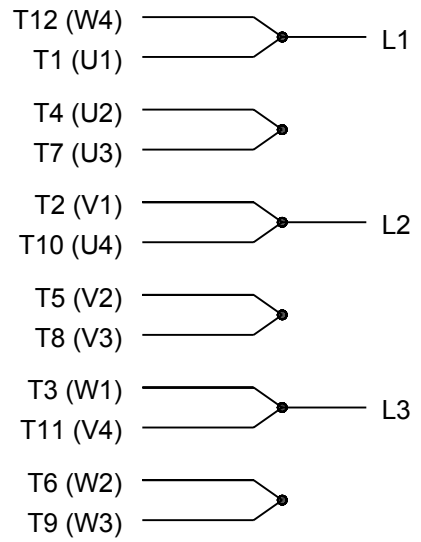
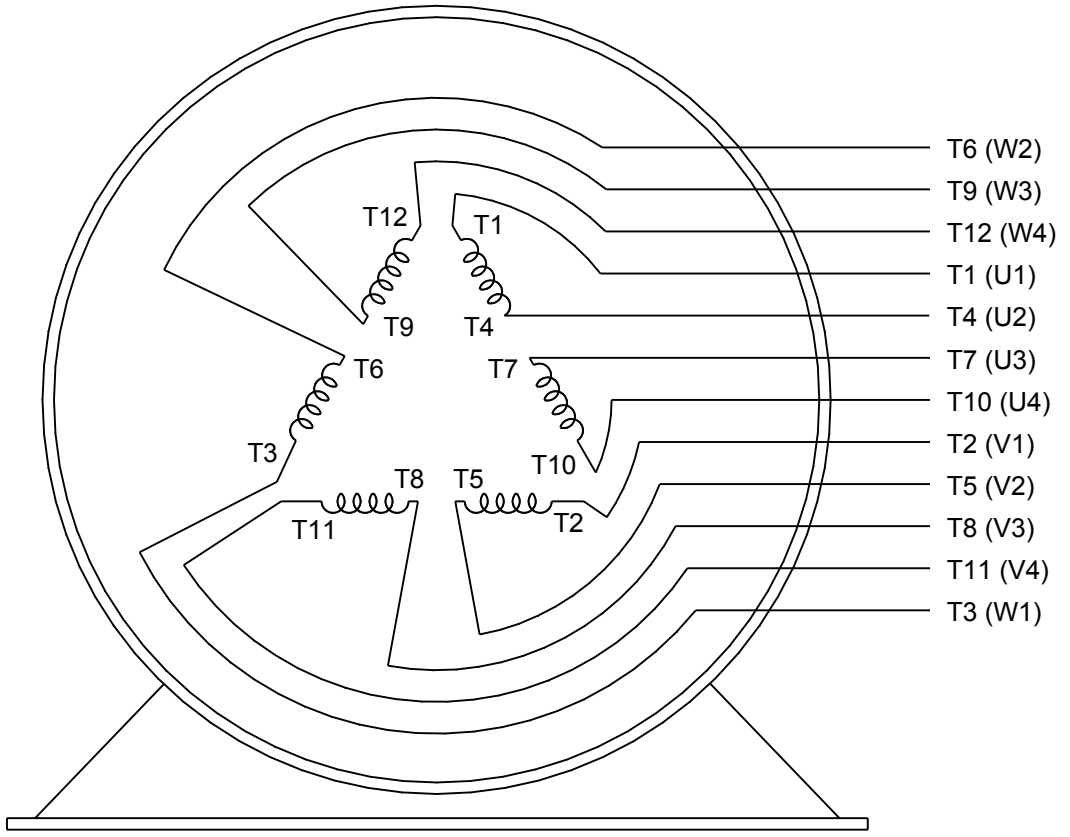


LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION: K	REVISION BY: AJW	DATE: 07-17-2015		DRAWN BY: LZ	Regal Beloit America, Inc.
ECO: ECO-0081632	APPROVED BY: T. VUE	DATE: 07-17-2015		DATE: 01-12-1994	
ECO DESCRIPTION: REV'D IEC MARKINGS PER IEC 60034-8				APPROVED BY: GK	DESCRIPTION: CONN DIAGRAM-EXTERNAL, 3Ø-2/1 DELTA-12 LEADS
				DATE: 01-14-1994	
				REFERENCE	MATERIAL / PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE: A / DRAWING NUMBER: EE7308AA / SHEET: 1 OF 1

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