# **PRODUCT INFORMATION PACKET**



Model No: 324TSTFCA6005 Catalog No: GT1133 Globetrotter® General Purpose Motor, 40 HP, 3 Ph, 60 Hz, 575 V, 3600 RPM, 324TS Frame, TEFC



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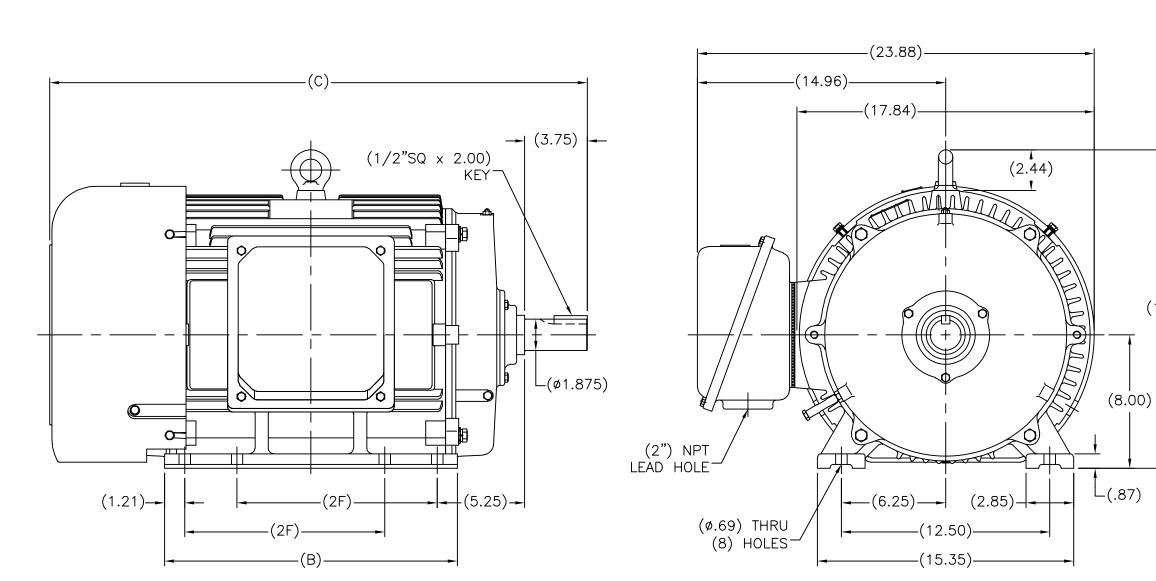
## Nameplate Specifications

Output HP	40 Hp	Output KW	30.0 kW
Frequency	60 Hz	Voltage	575 V
Current	36.0 A	Speed	3570 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	89.5
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	324TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6212	Opp Drive End Bearing Size	6212
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

# **Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.13684 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	тѕ	Overall Length	31.26 in
Shaft Diameter	1.875 in	Shaft Extension	3.75 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	VARIABLE 10:1
Outline Drawing	SS620248-324TS	Connection Drawing	A-EE7300

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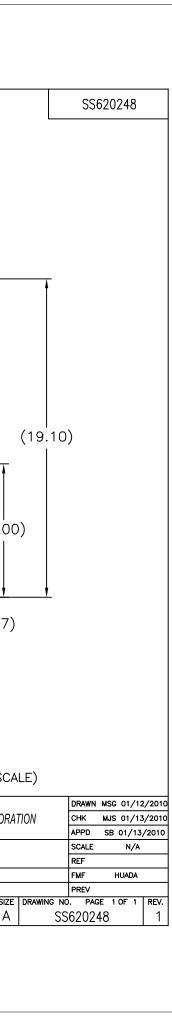


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## (DIMENSIONS IN TABLE ARE CONSIDERED REFFERENCE)

324TS	31.26	16.37	10.50
326TS	32.44	17.56	12.00
FRAME	С	В	2F



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#### **CERTIFICATION DATA SHEET**

Model#:	324TSTFCA6005 AA	WINDING#:	CHT32420001 NONE 3
CONN. DIAGRAM:	A-EE7300	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	B-SS620248		

#### TYPICAL MOTOR PERFORMANCE DATA

НР		ĸw		SYNC.	RPM	F.L	RPM	FRAM	ИE	ENG	CLOSU	RE	KVA CO	DE		DESIGN
40		30		360	00	3	3570	3241	S		TEFC		G			В
РН	ŀ	Ηz	VOL	тѕ	FL AMPS	ST	ART TYPE	DUTY		INSL		S.F		AMB°C	:	ELEVATION
3	6	60	575	5	36		START D JN OR INV	CONTINU S	OU	F7		1.15/1.	15	40		3300
FULL LOAD	EFF: 9:	3 3	3/4 LOAD EFF: 93 1/2 LOAD EFF: 92.4 GTD. EFF		ELEC. TYPE		YPE	N		OAD AMPS						
FULL LOAD I	PF: 89.	5 3	3/4 LOAD	) PF: 88	1/2 L	.OAD	PF: 82	91.7 SQ C		SQ CAGE INV RATED		9.2		9.2		
F.L. TO	RQUE		LOCK		OR AMPS	]	L.R. TC	RQUE	QUE B.D. TORQUE			F.L. RISE°C		SE°C		
59 LE	B-FT			232		]	110 LB-	LB-FT 185 165 LB-F		165 LB-FT 272			60		)	
SOUND PRES @ 3 FT.		SOUN	ID POWE	RF		^2	MAX.	WK^2	SAFE	E STALL	TIME		TARTS /HOUR		APPF	ROX. MOTOR WGT
75 dBA		8	5 dBA		5.2 LB-FT^2		25 LB-	FT^2		20 SEC.			2		-	700 LBS.

#### \*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	TS	NONE	NONE	1045 HOT	CAST IRON
6212	6212					ROLLED (C-204)	

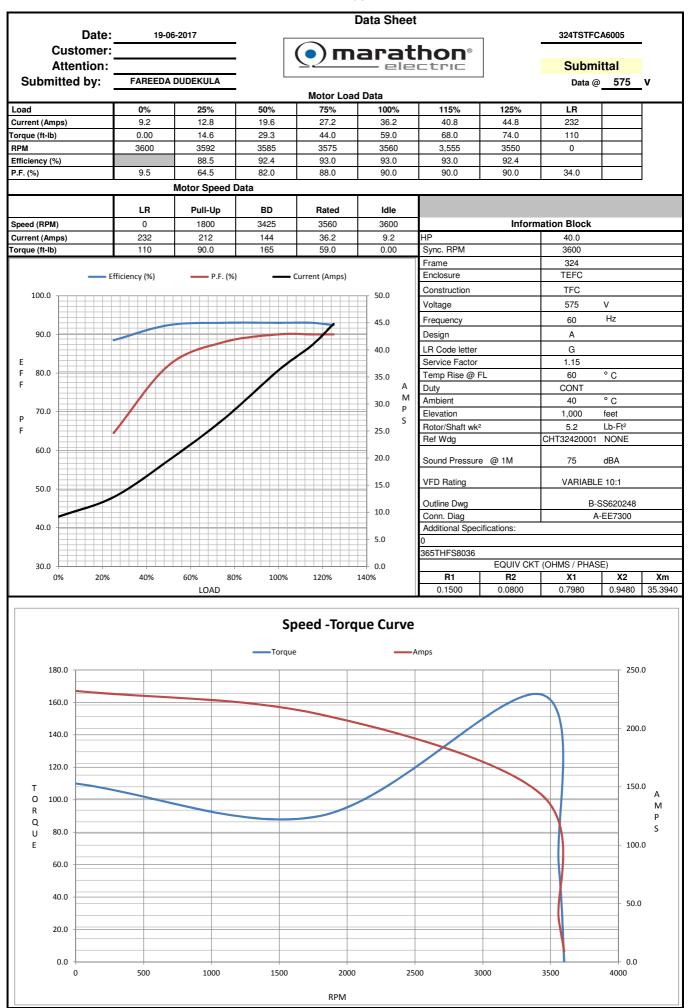
	THERMO-PF	ROTECTORS	THERMISTORS	CONTROL	SPACE /n HEATERS	
THERMOSTATS	PROTECTORS	TECTORS WDG RTDs BRG RTDs				
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

	Information
	INVERTER TORQUE: VARIABLE 10:1 INV. HP SPEED RANGE: NONE
0	ENCODER: NONE
E	NONE NONE NONE NONE PPR
S	BRAKE: NONE NONE
	NONE P/N NONE
	NONE NONE
	NONE FT-LB NONE V NONE Hz

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# **EC Declaration of Conformity**

The undersigned representing the manufacturer:

Regal Beloit America 100 East Randolph St. Wausau, WI 54401 and the authorized representative established within the Community:

Marathon Electric UK 6F Thistleton Road Ind. Estate Market Overton Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No: 324TSTFCA6005

(Model No. may contain prefix and/or suffix characters)

Catalog No : GT1133

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010) EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:

Michael A Logsdon

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

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Authorized Representative in the Community:

Julian Clark Marketing Engineer