

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 326TTFCD6095

Catalog No: GT3532A

Globetrotter® Close-Coupled Pump Motor, 30 HP, 3 Ph, 60 Hz, 575 V, 1200 RPM, 326JP Frame, TEFC



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RegalRexnord

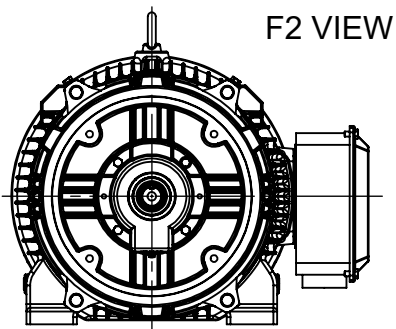
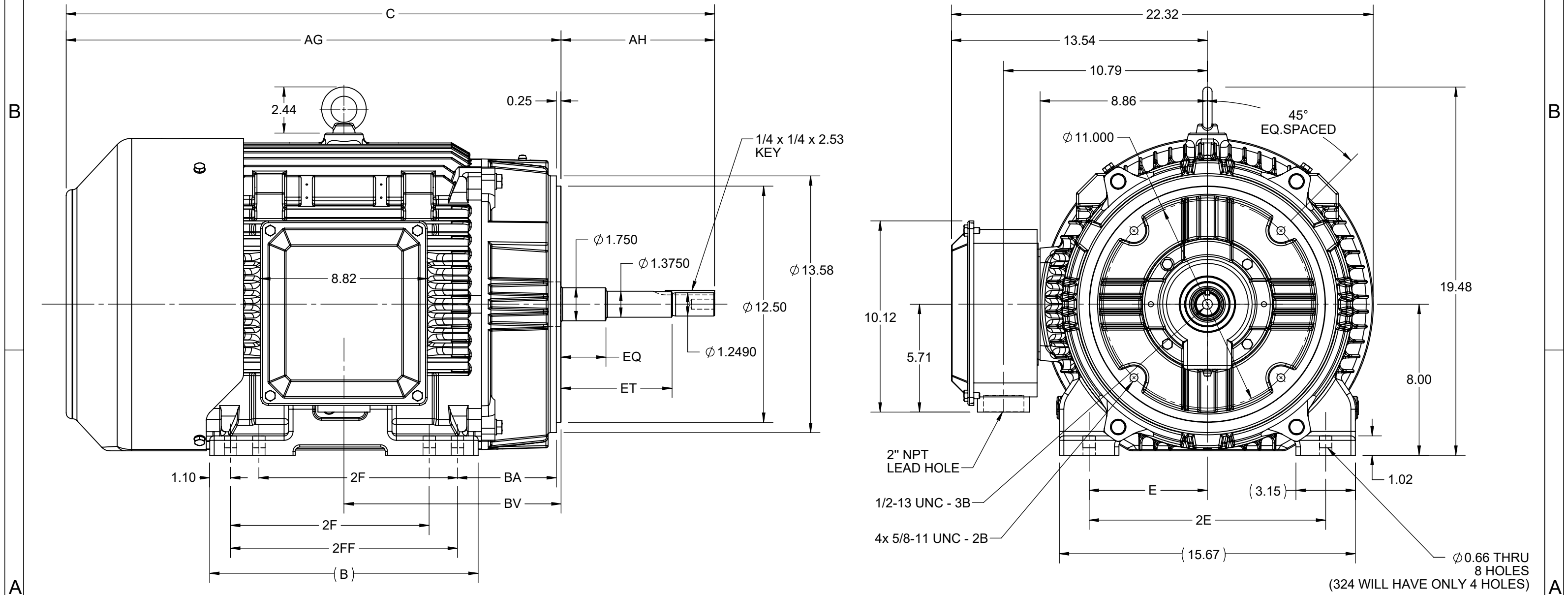
Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	575 V
Current	30.5 A	Speed	1185 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	79
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	326JP	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6212
UL	Listed	CSA	Y
CE	Y	IP Code	55
Hazardous Location	DIVISION 2 T2B	Number of Speeds	1



Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.268 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JP	Overall Length	35.42 in
Frame Length	14.56 in	Shaft Diameter	1.375 in
Shaft Extension	10.98 in	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 2:1/VARIABLE 10:1		
Connection Drawing	EE7300	Outline Drawing	SS620813-200

4					3					2					1				
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	EQ	ET	MOUNTING	FRAME					
100	12.71	32.82	6.25	12.50	----	10.50	2.70	8.12	5.25	10.75	2.37	5.87	F1 OR F2	324JP					
200	14.21	34.31			10.50	12.00	26.19			11.50				324/326JP					



DRAWING REVISION D		REVISION BY ASHOK N		REV DATE/© DATE 07/01/2021	
ECO CR-0000831		APPROVED BY GNK		DATE 07/01/2021	
ECO DESCRIPTION DRAWING UPDATED					
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DRAWN BY SN		 Regal Beloit America, Inc.			
DATE 17/04/2017					
APPROVED BY SBD					
DATE 17/04/2017		DESCRIPTION OUTLINE 324/326JP FR-NEMA-TEFC-CAST IRON			
REFERENCE					
		MATERIAL		PROCESS/FINISH	
		SIZE B		DRAWING NUMBER SS620813	

THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

IF MOTOR HAS 9 LEADS

T1(U1) T1(U1) T1(U1) → L1

T2(V1) T2(V1) T2(V1) → L2

T3(W1) T3(W1) T3(W1) → L3

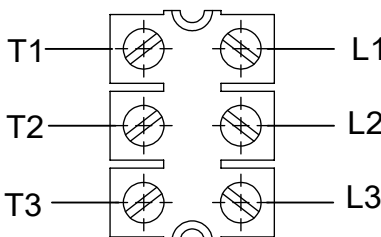
IF MOTOR HAS 6 LEADS

T1(U1) T1(U1) → L1

T2(V1) T2(V1) → L2

T3(W1) T3(W1) → L3

A-9806 DECAL




OPTIONAL CORD CONNECTION	
L1	WHITE
L2	RED
L3	BLACK

DRAWING REVISION AC	REVISION BY BS	REV DATE/© DATE 26/07/2022
REQUEST NUMBER CR-0010402	APPROVED BY SN	DATE 26/07/2022
REQUEST NUMBER DESCRIPTION DRAWING UPDATED		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION

 Regal Beloit America, Inc.	
DESCRIPTION CONNECTION DIAGRAM EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR	
MATERIAL	PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7300
SHEET 1 OF 1	



**P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311**

CERTIFICATION DATA SHEET**CUSTOMER:****CUSTOMER****ORDER #:****PO#:****CONN. DIAGRAM:** EE7300**MODEL #:** 326TTFCD6095 AA**OUTLINE:** SS620813**CUSTOMER PART****WINDING #:** HE32006004 3**#:****MOUNTING:** F1/F2 CAPABLE**TYPICAL MOTOR PERFORMANCE DATA**

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
30	22.4	1200	1185	326JPV	TEFC	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60	575	30.5	LINE OR INVERTER	CONTINUOUS	F7	1.15	40

FULL LOAD EFF:	93	3/4 LOAD EFF:	93.3	1/2 LOAD EFF:	92.4	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	79	3/4 LOAD PF:	73.5	1/2 LOAD PF:	62.5	92.4		SQ CAGE INV RATED

F.L. TORQUE		LOCKED ROTOR AMPS		L.R. TORQUE		B.D. TORQUE		F.L. RISE°C
133	LB-FT	173.6		252	LB-FT 190 %	332	LB-FT 250 %	65

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
58 dBA	68 dBA	12.8 LB-FT^2	- LB-FT^2	20 SEC.	2	775 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL OR SHAFT DOWN	FALSE	DIVISION 2	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	JP	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON
6312	6212						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

*

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INVERTER**TORQUE:** CONSTANT 4:1/VARIABLE 20:1**INV. HP SPEED RANGE:** NONE**ENCODER:** NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

NONE NONE

NONE FT-LB NONE V NONE Hz

*

PREPARED BY: Fareeda Dudekula

DATE: 05/29/2018 07:19:41 AM

FORM 3531 REV.3 02/07/99

** Subject to change without notice.

MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

575

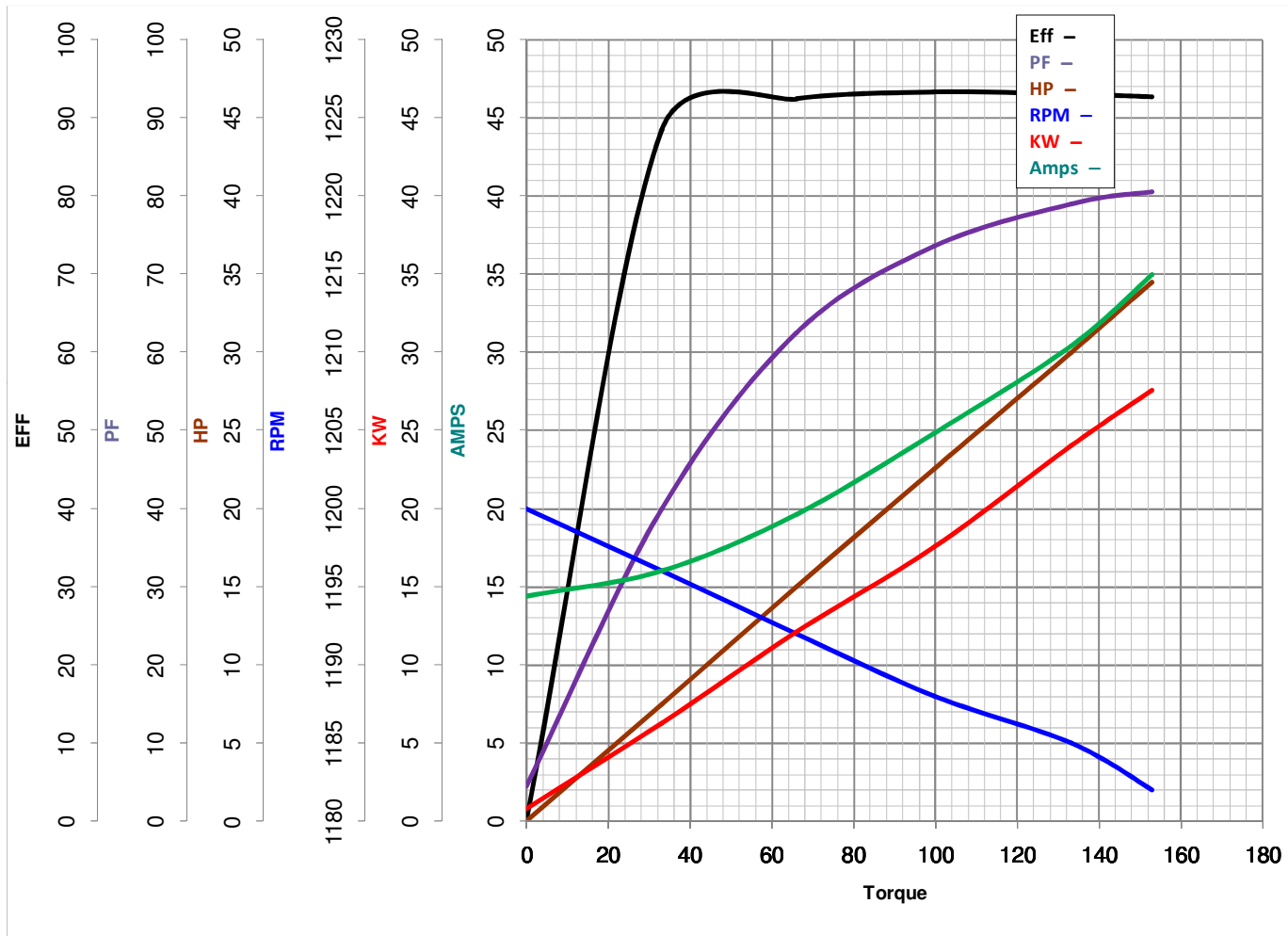
Volts

HP 30.00PHASE 3Model No 326TTFCD609560

HZ

30

HP

VOLTS 575Catalog No GT3532AHZ 60RPM 1185

Torque in Lb.Ft

FL TORQUE 133 Lb.FtBD TORQUE 332.0 Lb.FtLR TORQUE 252 Lb.FtFL AMPS 30.5PU TORQUE 210.0 Lb.FtLR AMPS 173.6

WINDING HE32006004-3

Prepared By

FAREEDA

Date

5/29/2018

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 : 326TTFCD6095

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

Catalog No : GT3532A

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
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

CE 22