PRODUCT INFORMATION PACKET

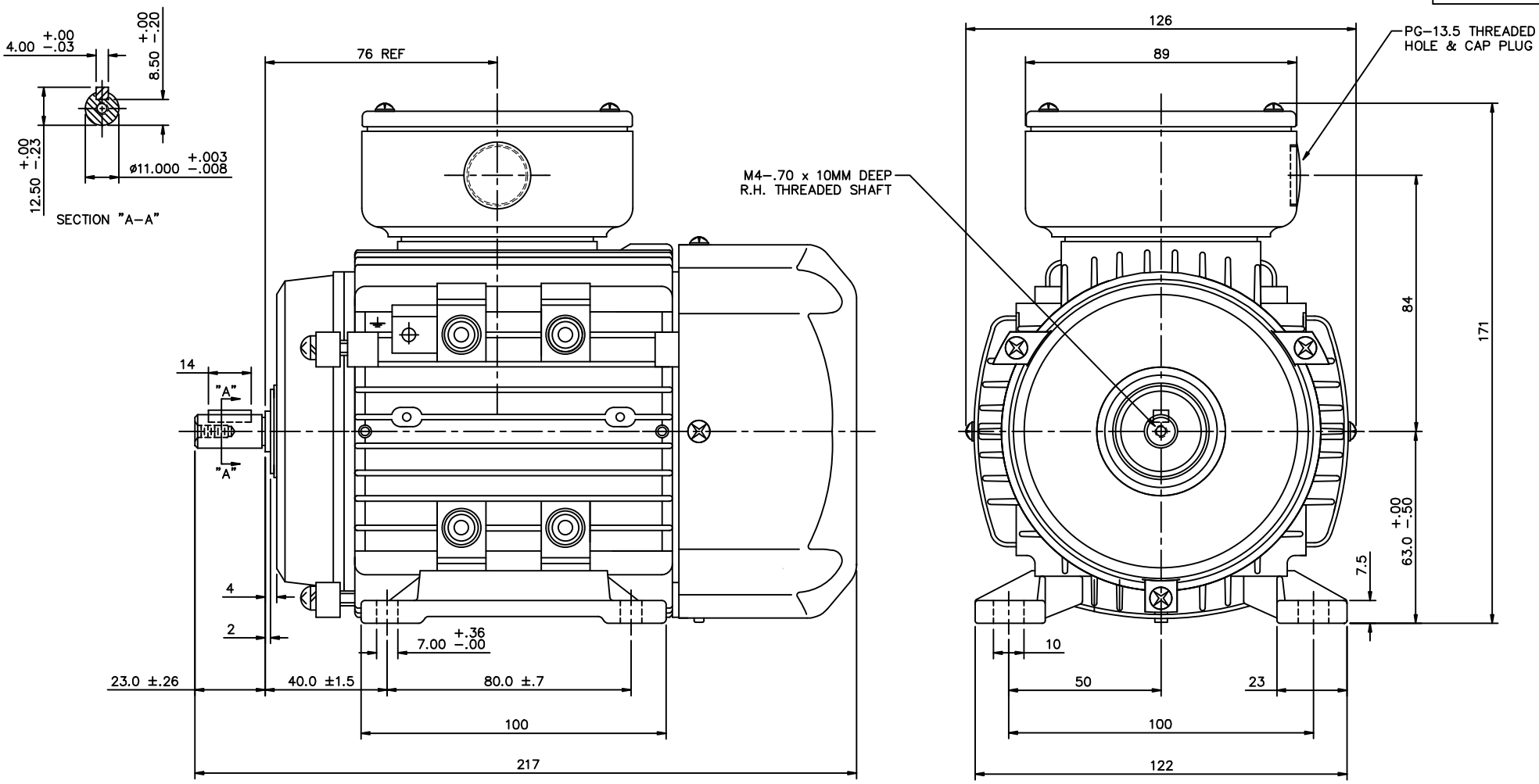
Model No: 063T17FH5326
Catalog No: R301
Globetrotter® IEC Aluminium Motor, 0.25 & 0.25 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 1800 & 1500 RPM, 63 Frame, TEFC

Nameplate Specifications

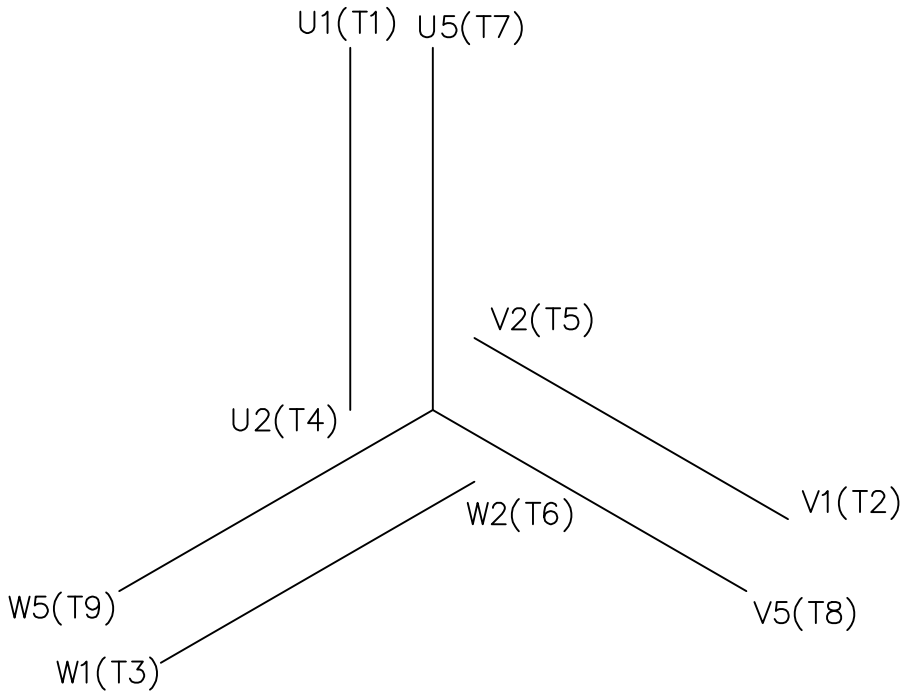
Phase	3	Output HP	0.25 & 0.25 Hp
Output KW	0.18 & 0.18 kW	Voltage	230/460 & 200/400 V
Speed	1700 & 1380 rpm	Service Factor	1.15 & 1.15
Frame	63	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	68 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	1.0/0.5 & 1.2/0.6 A	Power Factor	62.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6202	Opp Drive End Bearing Size	6202
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	26.59 Ohms	Mounting	B3
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	IEC	Overall Length	8.54 in
Frame Length	4.44 in	Shaft Diameter	0.428 in
Shaft Extension	23 in	Assembly/Box Mounting	F3
Inverter Load	CONSTANT 20:1		
Outline Drawing	16985900ME	Connection Drawing	00546501ME



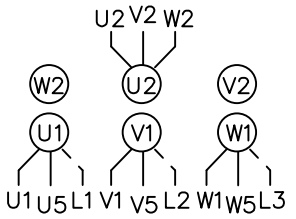
				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN	ADS 01/18/02
				DEC.	METRIC		CHK	
				.X	±2.5		APPD	
				.XX	±.76	TITLE METRIC MOTOR OUTLINE, IMB3 IEC-63 FRAME RIGID MOUNT	SCALE	1=1.25
				.XXX	±.127		REF	OSVC-300-554
				.XXXX	±.0127	MAT'L. ALUMINUM	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP			CAD FILE 16985900ME	SIZE B	DRAWING NO. 169859-00ME REV.
			DIST					



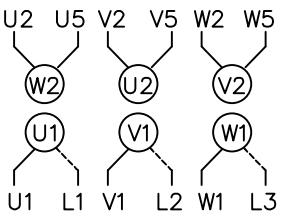
REF. DECAL (IEC) 080644
REF. DECAL (NEMA) 080446

IEC MARKINGS

LOW VOLTAGE



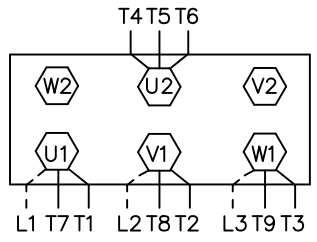
HIGH VOLTAGE



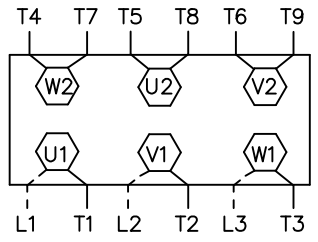
LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	U1,U5	V1,V5	W1,W5	---	U2,V2,W2	---
HIGH	U1	V1	W1	U2,U5	V2,V5	W2,W5

NEMA MARKINGS

LOW VOLTAGE



HIGH VOLTAGE



LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	T1, T7	T2, T8	T3, T9	---	T4,T5,T6	---
HIGH	T1	T2	T3	T4, T7	T5, T8	T6, T9

NO.	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

MARATHON ELECTRIC

TITLE: EXTERNAL WIRING DIAGRAM
3 PHASE – DUAL VOLTAGE – W/TERM BLOCK

MAT'L. IEC/NEMA MARKINGS

FINISH

CAD FILE 00546501ME

RFP 02-17-2010

DIST

DRAWN JGO 3/10/04
CHK SB 02-17-2010
APPD MJS 02-17-2010
SCALE 1=1
REF
FMF
PREV

SIZE A

DRAWING NO. 005465ME-01

REV.

2/17/2010 11:05:39 AM

CERTIFICATION DATA SHEET

Model#:	63T17FH5326 A	**WINDING#:**	QT6341 FR 3
CONN. DIAGRAM:	00546501ME	**ASSEMBLY:**	F3
OUTLINE:	16985900ME		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/4&1/4	0.18&0.18	1800	1700&1380	63	TEFC	H	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#200/400	1.0/0.5&1.2/0.6	LINE OR INVERTER	CONTINUOUS	F5	1.15/1.15	40	3300

FULL LOAD EFF: 68	3/4 LOAD EFF: 61.5	1/2 LOAD EFF: 54.7	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 62.5	3/4 LOAD PF: 54.6	1/2 LOAD PF: 44.5	0	SQ CAGE INV RATED	.9 / .4

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
12 LB-FT	4.4 / 2.2	29.5 LB-FT 246	33 LB-FT 275	39

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0 LB-FT^2	- LB-FT^2	10 SEC.	-	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	B3	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL 6202	BALL 6202	POLYREX EM	STANDARD IEC	NONE	NONE	AISI 1045 (C-240)	ALUMINUM

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

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: CONSTANT 20:1
INV. HP SPEED RANGE: 1.5 X BASE SPEED

ENCODER: NONE
NONE NONE
NONE NONE PPR

BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

* NOTES *

DATE: 06/28/2017 02:35:29 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.

MARATHON ELECTRIC CORPORATION

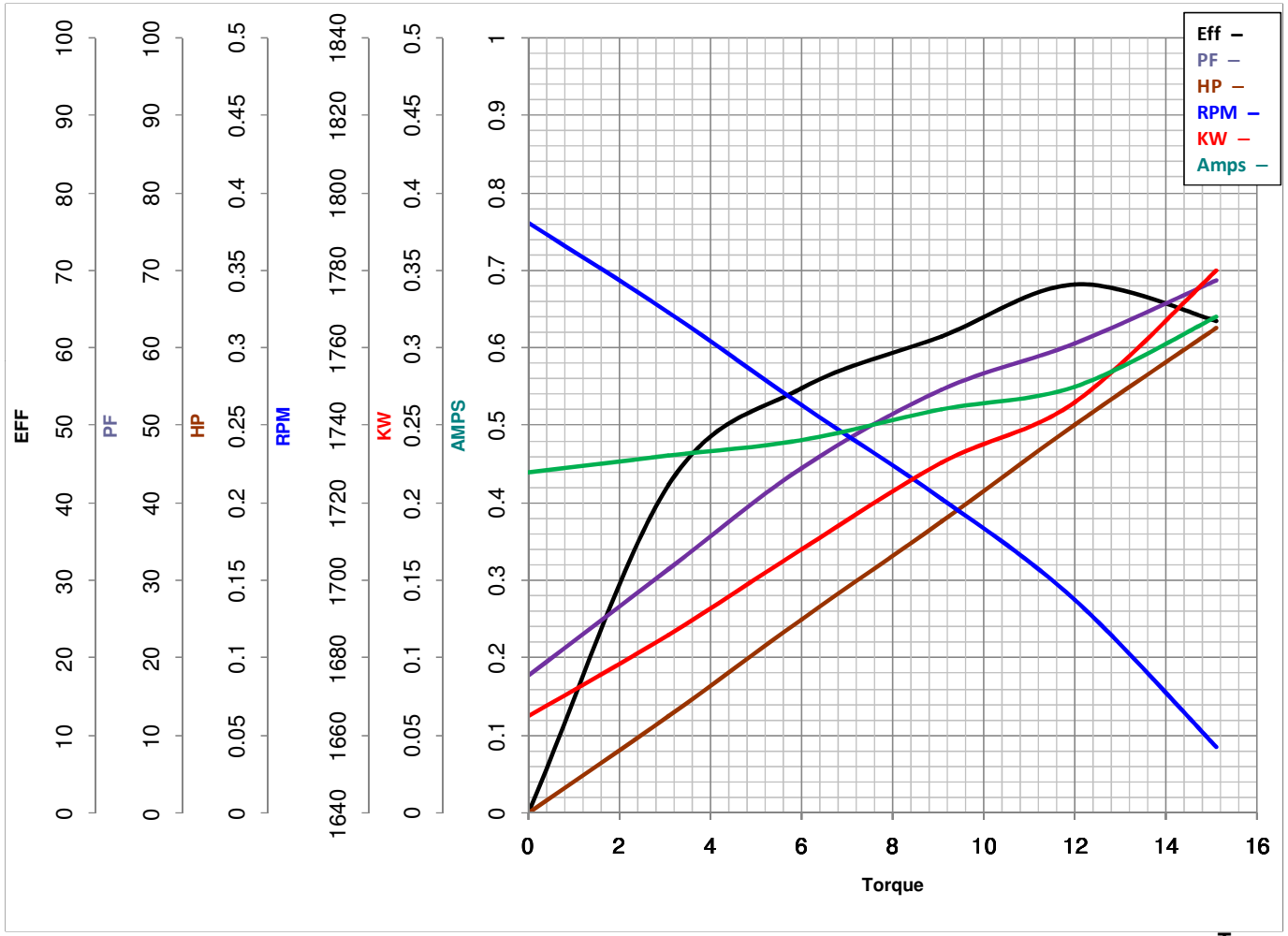
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at 460 **Volts** **HP** 0.25&0.25 **PHASE** 3
60 **HZ**
0.25 **HP** **VOLTS** 230/460&200/400

Model No 63T17FH5326

Catalog No R301 **HZ** 60&50 **RPM** 1700&1380



Torque in Oz.Ft

FL TORQUE	12	**Oz.Ft**	**FL AMPS**	1.0/0.5	
BD TORQUE	33.0	**Oz.Ft**	**PU TORQUE**	27.6	**Oz.Ft**
LR TORQUE	29.5	**Oz.Ft**	**LR AMPS**	2.2	
WINDING	QT6341-			**Date**	

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 : 063T17FH5326

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

Catalog No : R301

Rework No : N/A

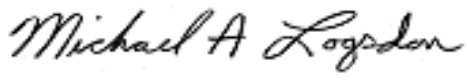
Directives :

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