PRODUCT INFORMATION PACKET

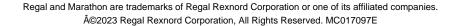


Model No: 145TTFN16046 Catalog No: E2204-P

XRI® General Purpose General Purpose Motor, 1.50 & 1.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,

1800 & 1500 RPM, 145T Frame, TEFC







Product Information Packet: Model No: 145TTFN16046, Catalog No:E2204-P XRI® General Purpose General Purpose Motor, 1.50 & 1.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 145T Frame, TEFC



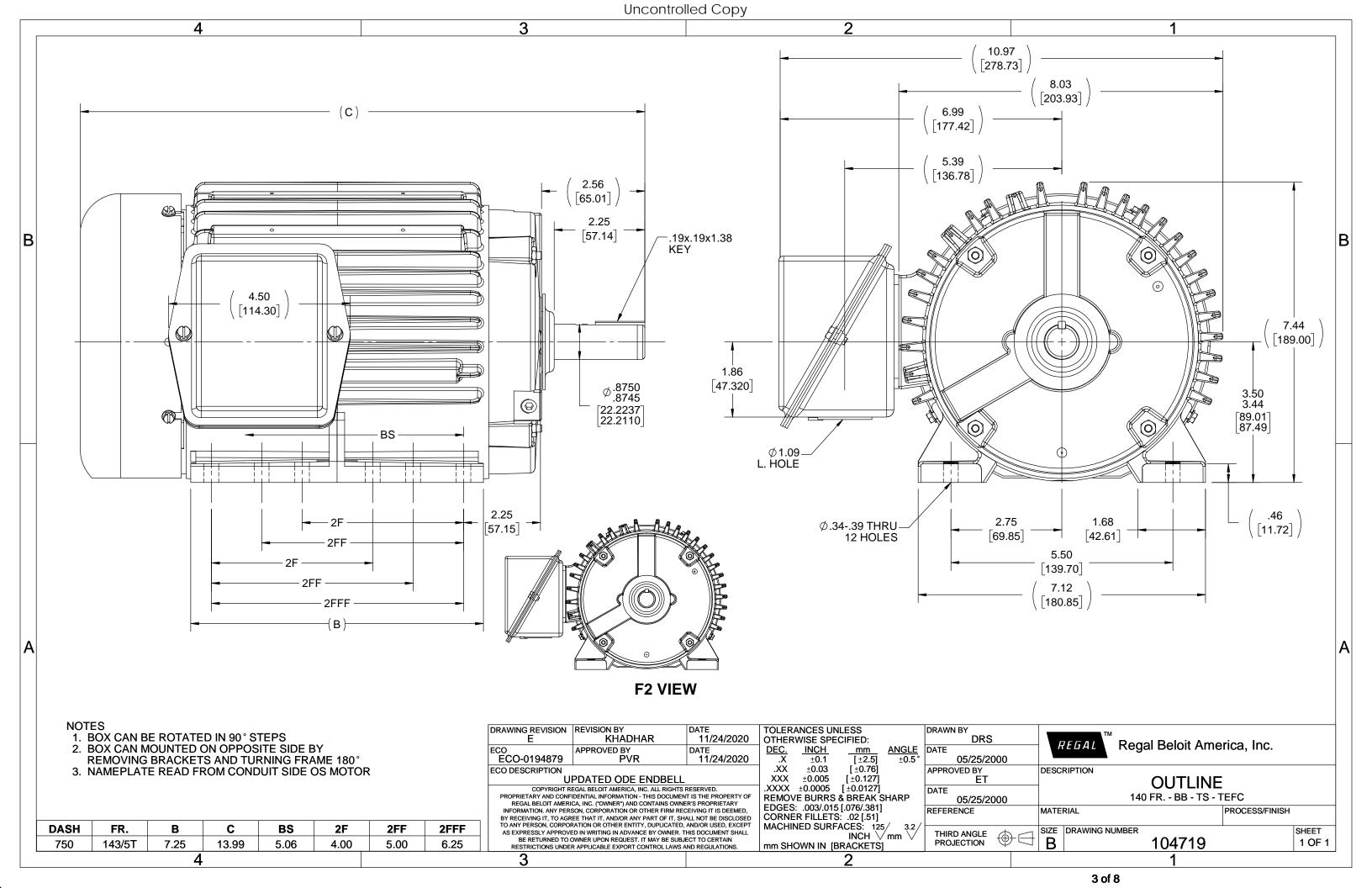
Nameplate Specifications

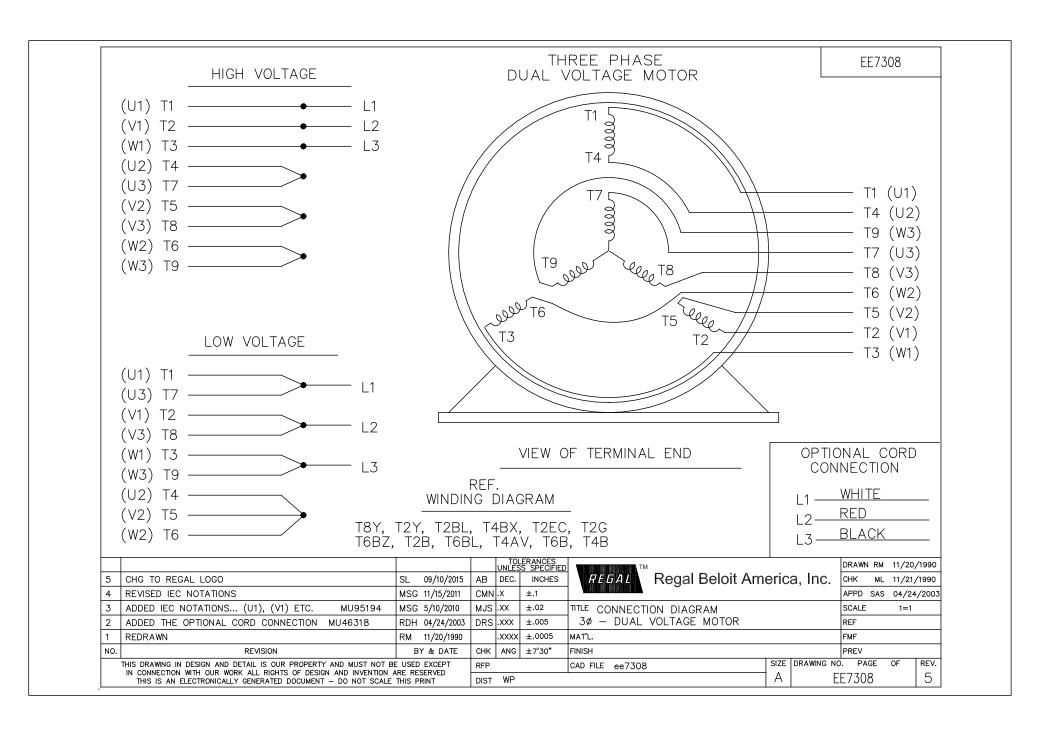
Phase	3	Output HP	1.50 & 1.50 Hp
Output KW	1.1 & 1.1 kW	Voltage	230/460 & 190/380 V
Speed	1755 & 1475 rpm Service Factor		1.15 & 1.15
Frame	1 4 5T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	86.5 & 84 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	4.6/2.3 & 5.2/2.6 A	Power Factor	71
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	Р
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Υ
CE	Υ	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	7.9 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Overall Length	13.99 in
Frame Length	7.50 in	Shaft Diameter	0.875 in
Shaft Extension	2.56 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308	Outline Drawing	A-104719-750

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CERTIFICATION DATA SHEET

 Model#:
 145TTFN16046 AA
 WINDING#:
 ZT4256 R1 3

 CONN. DIAGRAM:
 A-EE7308
 ASSEMBLY:
 F1/F2 CAPABLE

OUTLINE: A-104719-750

TYPICAL MOTOR PERFORMANCE DATA

HP	KV	v :	SYNC. RPM	F.L. RPM	FRAME	ENCLOS	URE	KVA	CODE	DESIGN
1 1/2&1 1/2	1.12&	1.12	1800	1755&1475	145T	TEFO			Р	В
PH	Hz	VOLTS	FL AMP	S START TYPE	DUTY	INSL	S.F	=]	AMB°C	ELEVATION

	PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
	3	60/50	230/460#190/	4.6/2.3&4/2	LINE OR	CONTINUOU	F3	1.15/1.15	40	3300
Į			380		INVERTER	S				

FULL LOAD EFF: 86.5&85.2	3/4 LOAD EFF: 85.5	1/2 LOAD EFF: 82.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 71&66.9	3/4 LOAD PF: 62.5	1/2 LOAD PF: 49	84	SQ CAGE INV RATED	3 / 1.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C	
4.5 LB-FT	48 / 24	21.2 LB-FT 471	26 LB-FT 578	30	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.14 LB-FT^2	10 LB-FT^2	20 SEC.	2	50 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	1144	CAST IRON
6205	6203					STRESSPROOF	
5200						(C-223)	

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: NONE

ENCODER: NONE NONE NONE NONE NONE PPR

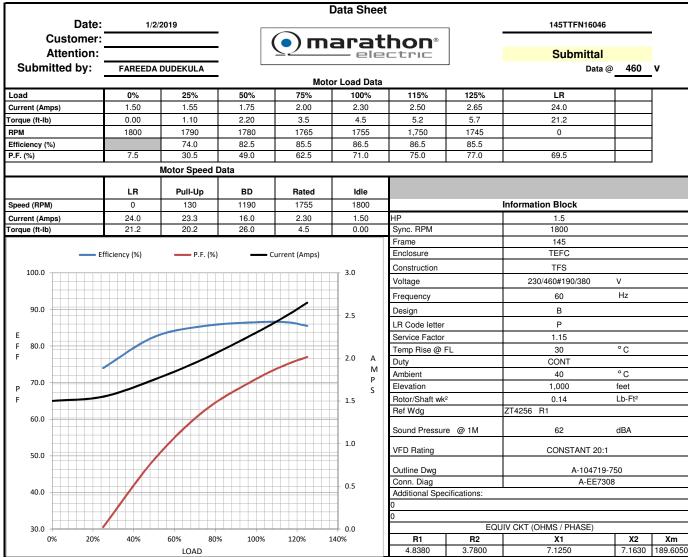
BRAKE: PROVISIONS FOR KIT NONE

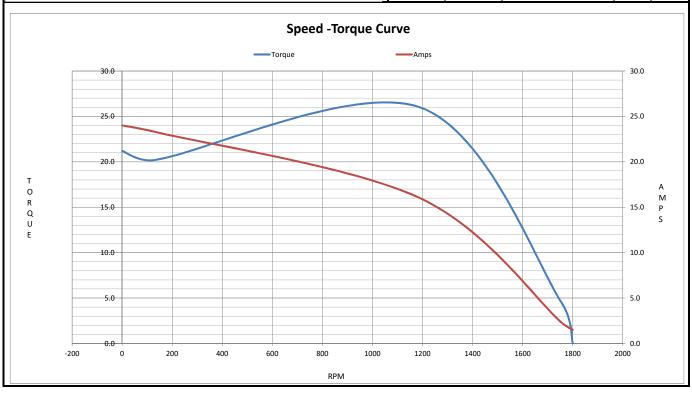
NONE P/N NONE NONE

NONE FT-LB NONE V NONE Hz

* N O T E S *

DATE: 06/23/2017 06:59:15 AM FORM 3531 REV.3 02/07/99 ** Subject to change without notice.







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: 145TTFN16046

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

Catalog No: E2204-P

Rework No: N/A

Directives:

Low Voltage Directive 2014/35/EU

Harmonized Standards Used:

EN 60034-1: 2010 (IEC 60034-1: 2010)

Michael A Logsdon

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

Authorized Representative:

Authorized Representative in the Community: J. cerse

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Julian Clark Marketing Engineer

C€ 22