PRODUCT INFORMATION PACKET

Model No: 056T34D15599
Catalog No: K009A
General Purpose Motor, 1.50 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, 56 Frame, DP

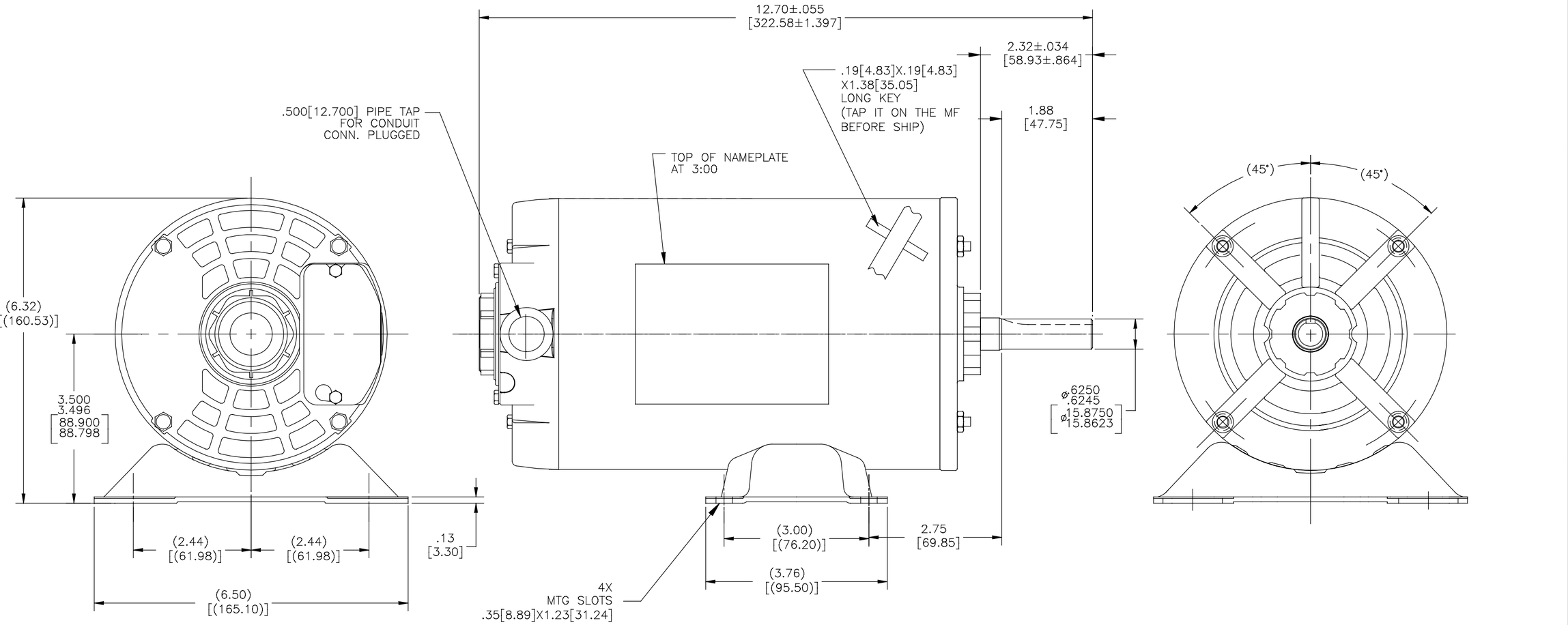
RegalRexnord

Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/460 V
Current	4.2/2.1 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	84 %	Power Factor	84.2
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	M
Frame	56	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	12.68 in
Frame Length	8.25 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 OUT ODE BRKT RADIAL
Outline Drawing	056T34D15599-S01	Connection Drawing	D0000561-001



DRAWING REVISION	REVISION BY	DATE
B	X.AN	06-25-2015
ECO	APPROVED BY	DATE
ECO-0079651	H.ZHANG	06-25-2015
ECO DESCRIPTION		
SEE ECO		

TOLERANCES UNLESS OTHERWISE SPECIFIED

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES .003/.015 [.076/.381]
CORNER FILLETS .02 [.51]
MACHINED SURFACES 125/ INCH 3.2/ mm
mm SHOWN IN [BRACKETS]

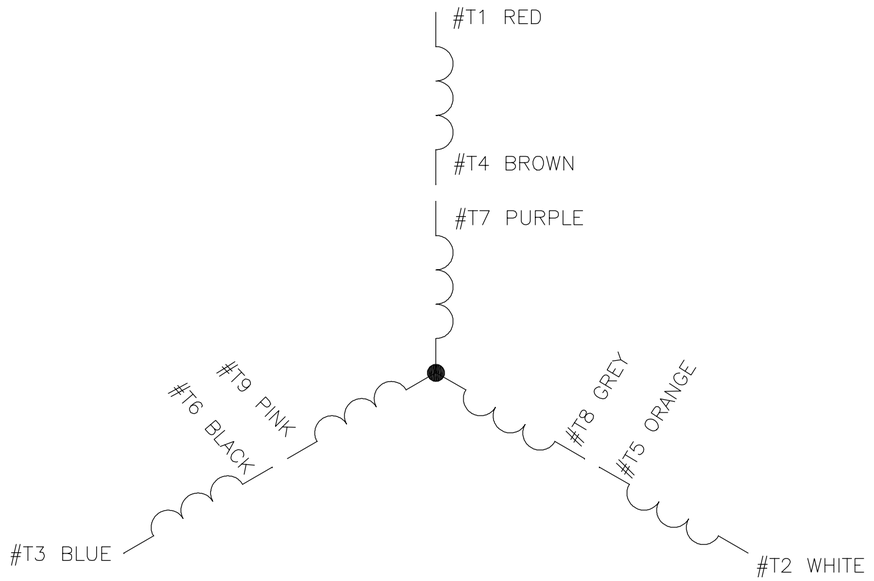
DRAWN BY:	R.LIAN
DATE:	01-08-2015
APPROVED BY:	J.ZHU
DATE:	01-08-2015
REFERENCE	–
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

DESCRIPTION
MODEL-CFHP-48FR
OUTLINE

MATERIAL	PROCESS/FINISH
–	–

SIZE	DWG NO	SHEET
C	056T34D15599	1



CONNECT AS FOLLOWS

HIGH VOLTAGE

#T1 –	RED –	LINE A
#T2 –	WHITE –	LINE B
#T3 –	BLUE –	LINE C
#T4 –	BROWN	TIE TOGETHER
#T7 –	PURPLE	
#T5 –	ORANGE	TIE TOGETHER
#T8 –	GREY	
#T6 –	BLACK	TIE TOGETHER
#T9 –	PINK	

LOW VOLTAGE

#T1 –	RED	LINE A
#T7 –	PURPLE	
#T2 –	WHITE	LINE B
#T8 –	GREY	
#T3 –	BLUE	LINE C
#T9 –	PINK	
#T5 –	ORANGE	TIE TOGETHER
#T6 –	BLACK	
#T4 –	BROWN	

NOTES:

1. LEADS MAY BE MULTICOLORED AS SHOWN FOR GROUP –01 OR SINGLE COLOR FOR GROUP –02. IN EITHER CASE THE NUMBERING SEQUENCE WILL BE THE SAME.

OPTIONAL CORD CONNECTION
WHEN SPECIFIED IN BOM

LINE A	WHITE
LINE B	RED
LINE C	BLACK

DRAWING REVISION	REVISION BY	DATE
A	H.ZHANG	12–11–2014
ECO	APPROVED BY	DATE
ECO–0067205	J.ZHAN	12–11–2014
ECO DESCRIPTION		
NEW		

TOLERANCES UNLESS OTHERWISE SPECIFIED

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP
EDGES .003/.015 [.076/.381]
CORNER FILLETS .02 [.51]
MACHINED SURFACES 125/ INCH 3.2/ mm
mm SHOWN IN [BRACKETS]

DRAWN BY:	H.ZHANG
DATE:	12–11–2014
APPROVED BY:	J.ZHAN
DATE:	12–11–2014
REFERENCE	.
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

DESCRIPTION	CONN DIAGRAM–EXTERNAL
MATERIAL	.
PROCESS/FINISH	.
SIZE	C
DWG NO	D0000561–001
SHEET	1

marathon® Motors

MARATHON ELECTRIC CORPORATION

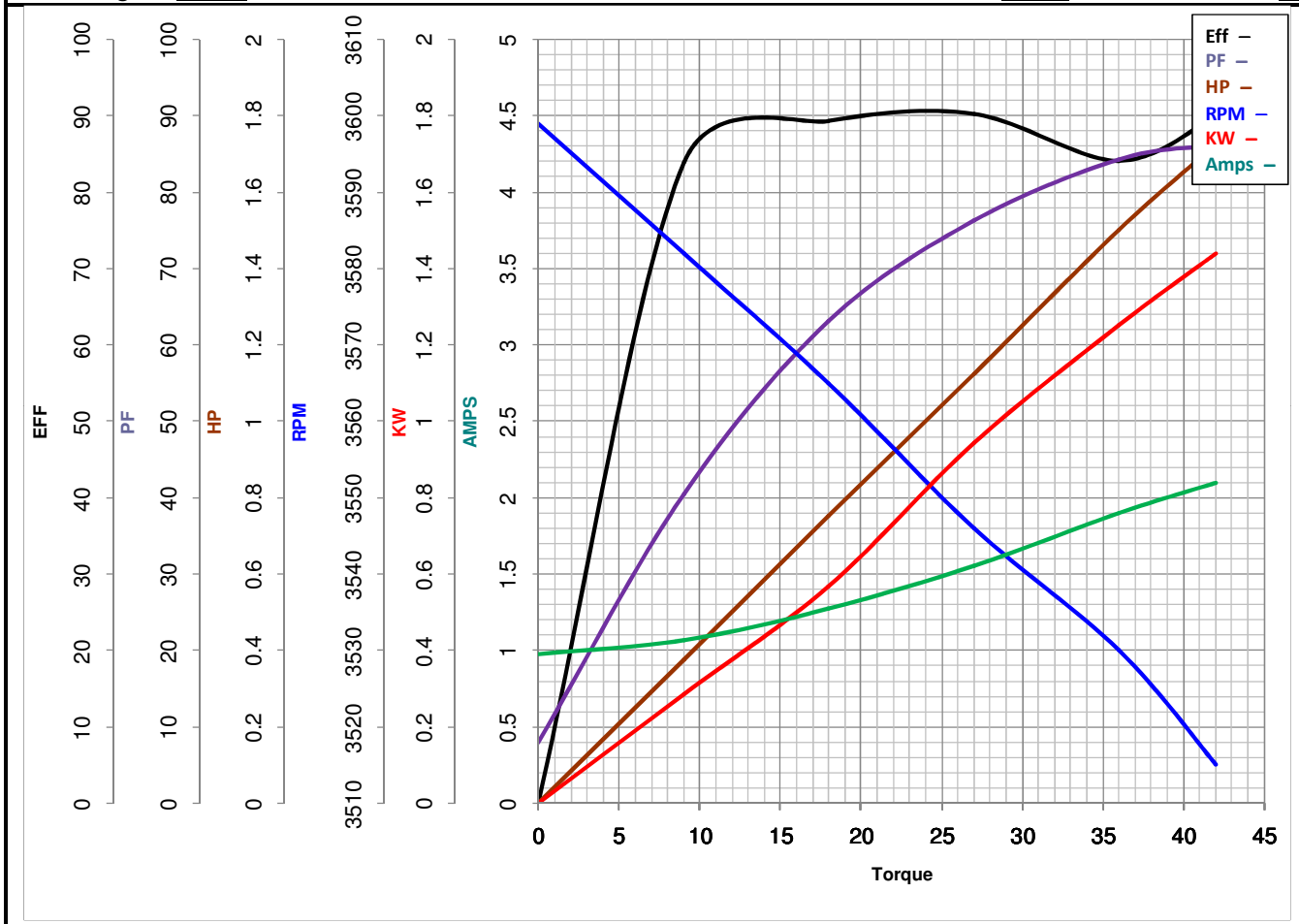
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at 460 **Volts** **HP** 1.5&1 **PHASE** 3
60 **HZ**
1.5 **HP** **VOLTS** 230/460&190/380

Model No 56T34D15599

Catalog No K009A **HZ** 60&50 **RPM** 3450&2850



Torque in LB-Ft

FL TORQUE	36 **LB-Ft**		**FL AMPS**	4.2/2.1	
BD TORQUE	174.0 **LB-Ft**		**PU TORQUE**	135.0	**LB-Ft**
LR TORQUE	139 **LB-Ft**		**LR AMPS**	20.1	
WINDING	2501315006-			**Date**	**3/6/2019**

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 : 056T34D15599

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

Catalog No : K009A

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