

# PRODUCT INFORMATION PACKET

Model No: 056T11D15522

Catalog No: G067A

Obsolete, replaced by 056T11DRR70003A1 - 1/2,1140,DP,56,3/60/230/460

General Purpose Motors



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E



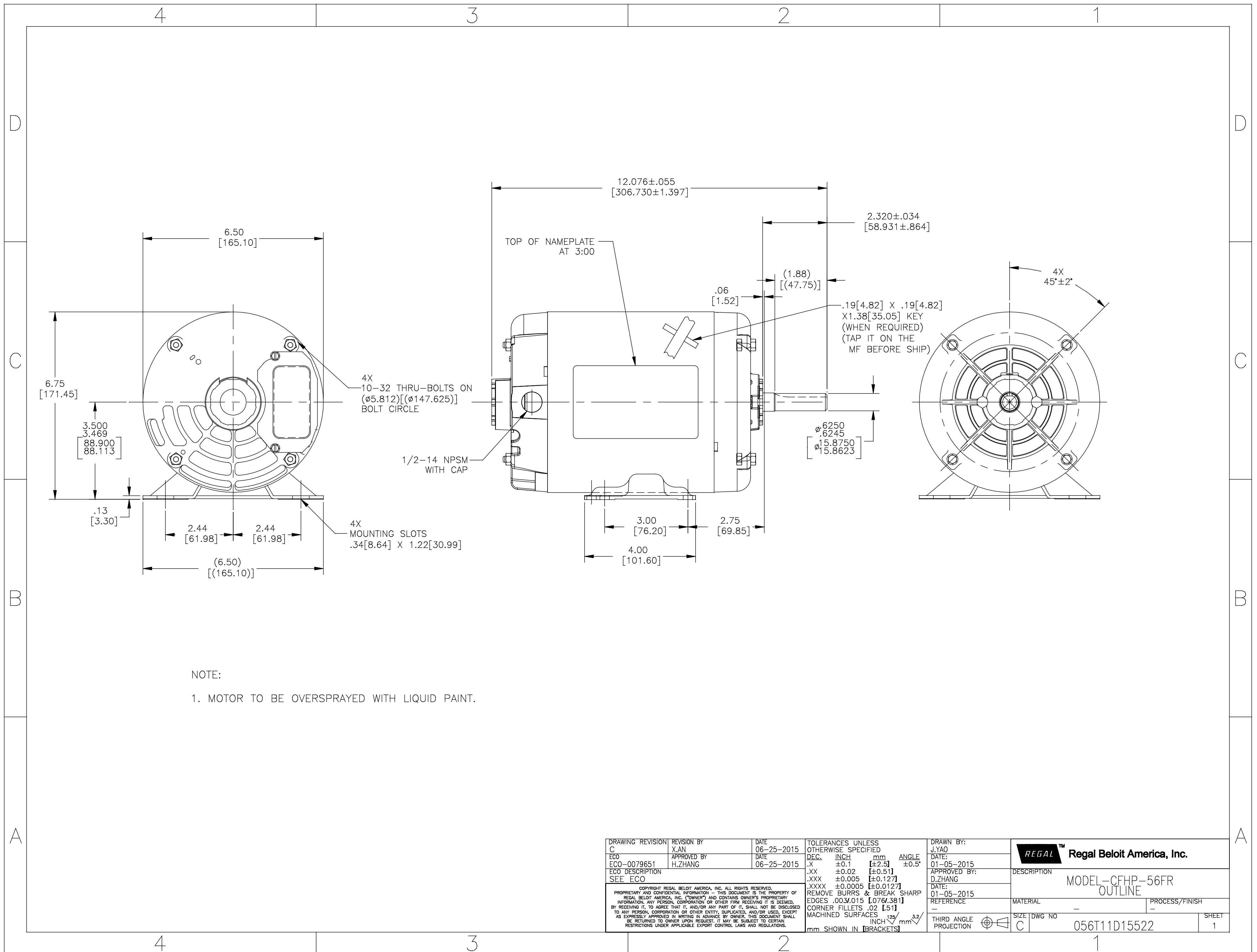
### Nameplate Specifications

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>2.8/1.4 A</b>	Speed	<b>1140 rpm</b>
Service Factor	<b>1.25</b>	Phase	<b>3</b>
Efficiency	<b>75.3 %</b>	Power Factor	<b>45.9</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>B</b>	KVA Code	<b>N</b>
Frame	<b>56</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6203</b>	Opp Drive End Bearing Size	<b>6203</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>22</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>23 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>T</b>	Overall Length	<b>12.06 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 OUT ODE BRKT RADIAL</b>		
Outline Drawing	<b>056T11D15522-S01</b>	Connection Drawing	<b>D0000532-001</b>

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/11/2021



DRAWING REVISION C	REVISION BY X.AN	DATE 06-25-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE	DRAWN BY: J.YAO	<b>Regal Beloit America, Inc.</b>
ECO ECO-0079651	APPROVED BY H.ZHANG	DATE 06-25-2015	.XX ±0.1 [±2.5] ±0.5° .XX ±0.02 [±0.51] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127]	DATE: 01-05-2015	
ECO DESCRIPTION SEE ECO			REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] CORNER FILLETS .02 [51] MACHINED SURFACES 125 INCH/mm 3.2	APPROVED BY: D.ZHANG	DESCRIPTION MODEL-CFHP-56FR OUTLINE
<small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNERS) AND CONTAINS OWNERS PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>			THIRD ANGLE PROJECTION	DATE: 01-05-2015	MATERIAL -
			mm SHOWN IN [BRACKETS]	REFERENCE -	PROCESS/FINISH -
				SIZE DWG NO C 056T11D15522	SHEET 1

4

3

2

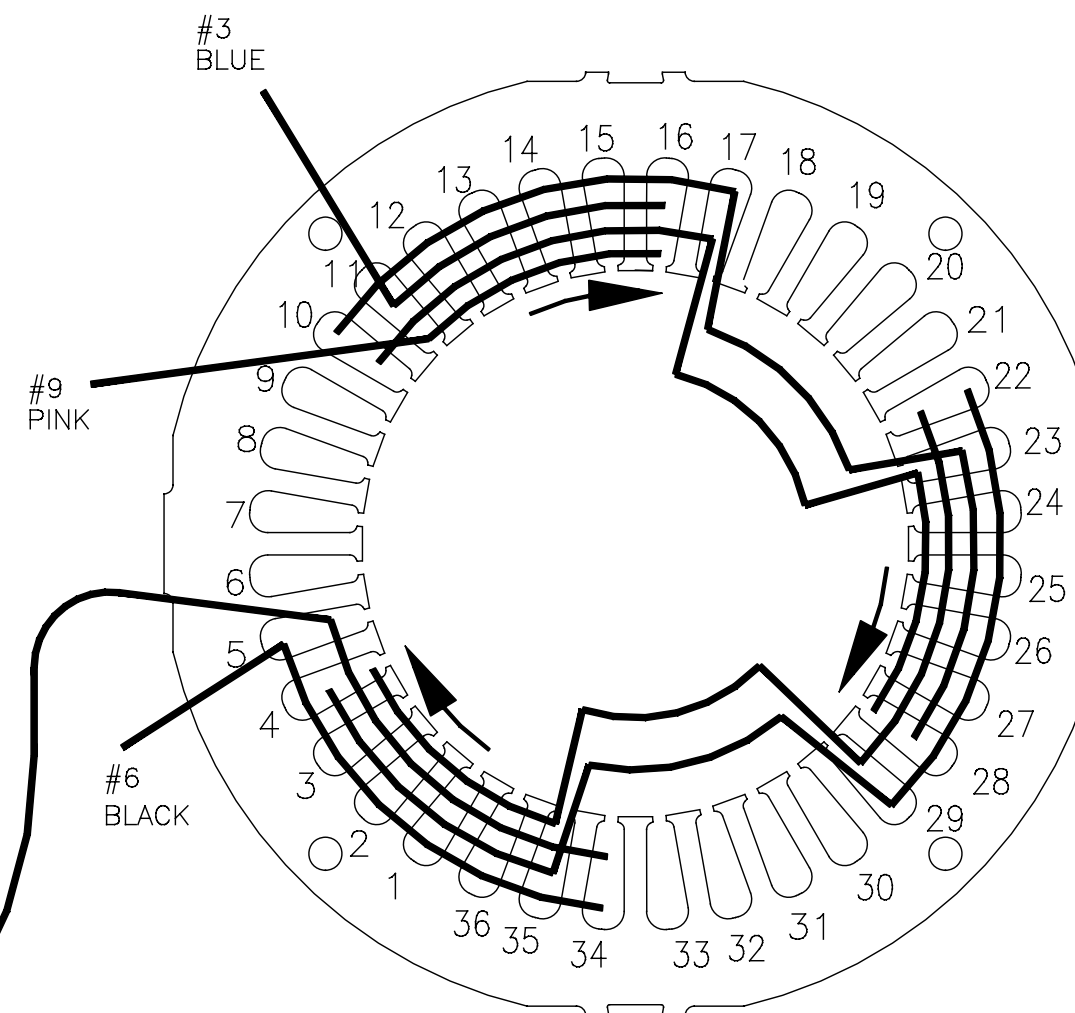
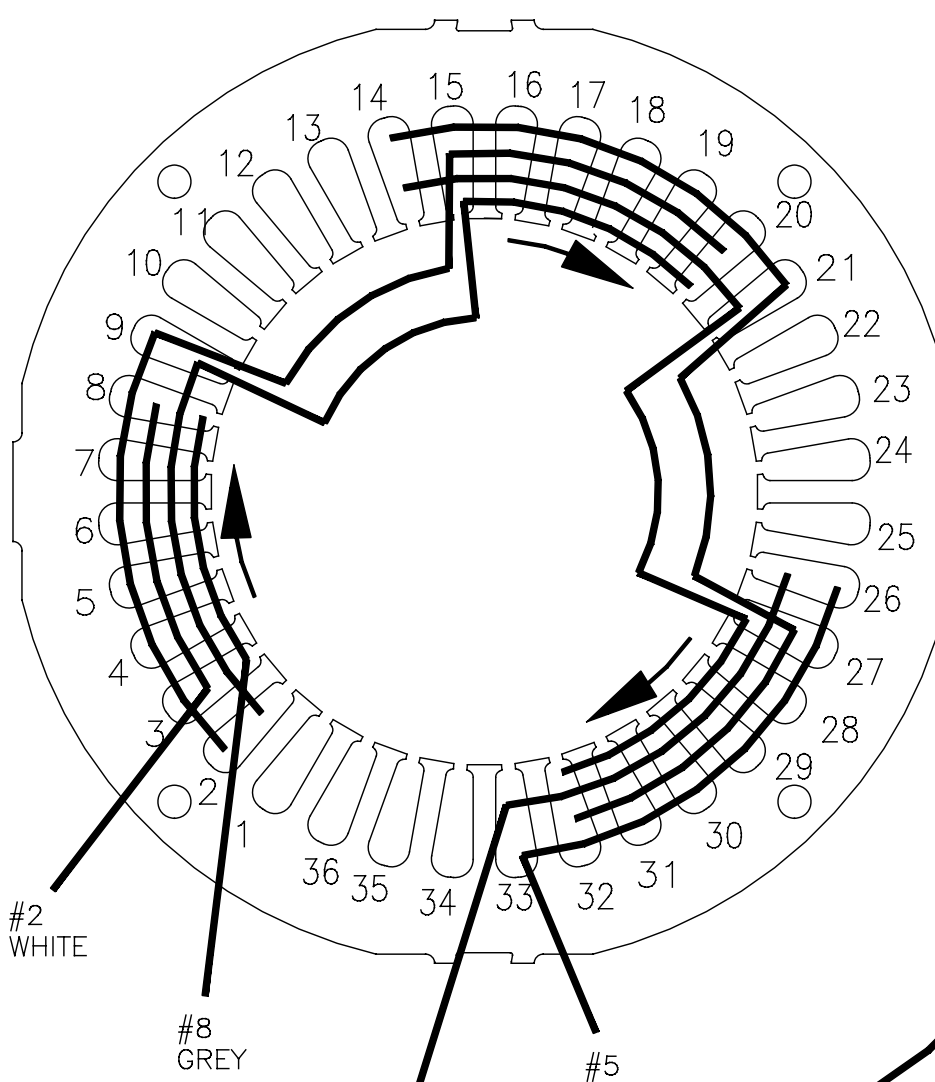
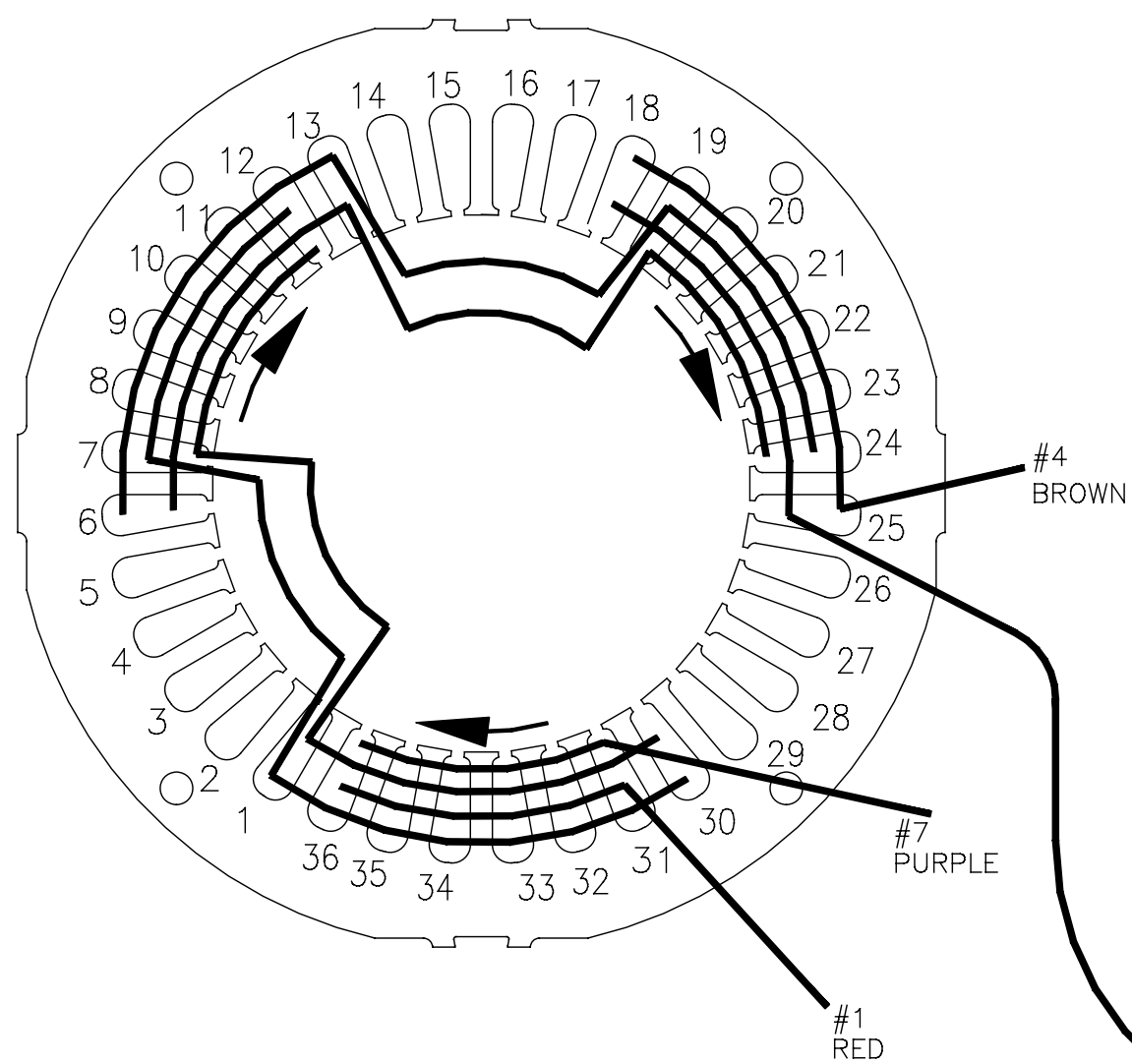
1

ALL POLES ARE WOUND IN REVERSE (CCW) DIRECTION AS VIEWED FROM OUTSIDE OF STATOR.

FIRST INSERTION

SECOND INSERTION

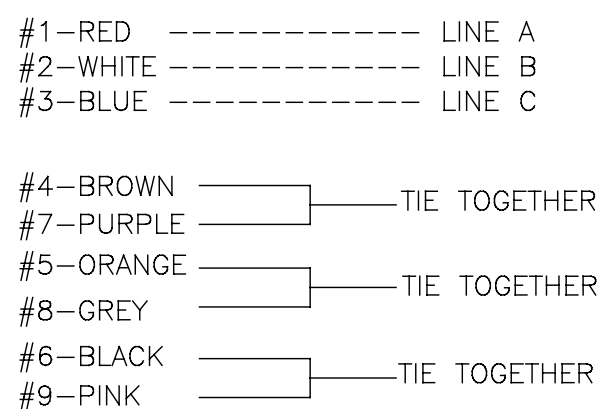
THIRD INSERTION



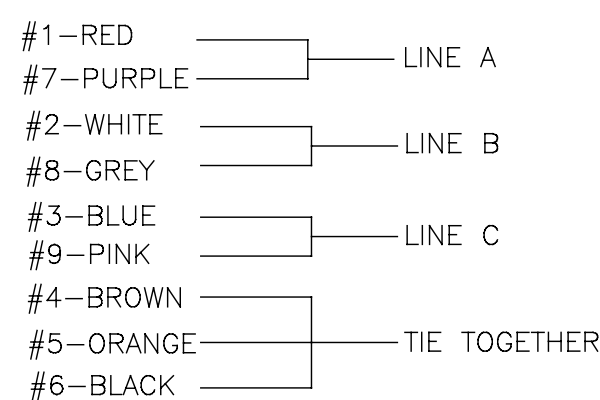
NOTES:

- LEADS MAY BE MULTI-COLORED AS SHOWN FOR GROUP -01 OR SINGLE COLOR FOR GROUP -02. IN EITHER CASE THE NUMBERING SEQUENCE WILL BE THE SAME.
- POWER SUPPLY PHASE SEQUENCE  
POWER SUPPLY SHALL BE TESTED WITH A KNOPP INDICATOR TO PROVIDE A PHASE SEQUENCE OF A.B.C.
- ROTATION OF ROTOR VIEWED FROM LEAD END MUST BE COUNTER CLOCKWISE. IF ROTATION IS NOT C.C.W. INTERCHANGETHE FOLLOWING LEADS:  
#1-RED WITH #2-WHITE  
#4-BROWN WITH #5-ORANGE  
#7-PURPLE WITH #8-GREY

HIGH VOLTAGE  
CONNECT AS FOLLOWS



LOW VOLTAGE  
CONNECT AS FOLLOWS



DRAWING REVISION B	REVISION BY A.BAUGHMAN	DATE 09-30-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY: E.SINECIO	Regal Beloit America, Inc.
ECO ECO-0086099	APPROVED BY A.BAUGHMAN	DATE 09-30-2015	DEC. .XX ±0.1 [±2.5] ±0.5° .XX ±0.02 [±0.51] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127]	DATE: 07-03-2014	
SEE ECO	COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNERS) AND CONTAINS OWNERS PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.		REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] CORNER FILLETS .02 [51] MACHINED SURFACES 125/ mm 3.2/ INCH	APPROVED BY: V.GONZALEZ	DESCRIPTION CONN DIAGRAM-INTERNAL
			mm SHOWN IN [BRACKETS]	DATE: 07-03-2014	MATERIAL
				REFERENCE	PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE DWG NO C D0000532-001
					SHEET 1

4

3

2

1

**CERTIFICATION DATA SHEET**

**Model#:** 56T11D15522 A  
**CONN. DIAGRAM:** D0000532-001  
**OUTLINE:** 056T11D15522

**WINDING#:** SS0053914 NONE 3  
**ASSEMBLY:** F1 OUT ODE BRKT  
 RADIAL

**TYPICAL MOTOR PERFORMANCE DATA**

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2&1/3	.37&.25	1200	1140&950	56	DP	N	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/ 380	2.8/1.4&2.8/1. 4	ACROSS THE LINE	CONTINUOU S	B3	1.25/1.25	40	3300

FULL LOAD EFF: 75.3&75.5	3/4 LOAD EFF: -	1/2 LOAD EFF: -	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
	3/4 LOAD PF: -	1/2 LOAD PF: -	72	SQ CAGE IND RUN	/

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
36 LB-FT	14.6 / 7.3	117 LB-FT 0	171.5 LB-FT 0	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	1.5 LB-FT^2	10 SEC.	2	0 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	BLACK (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	CHEVRON-SRI	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

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

\*  
N  
O  
T  
E  
S  
\*

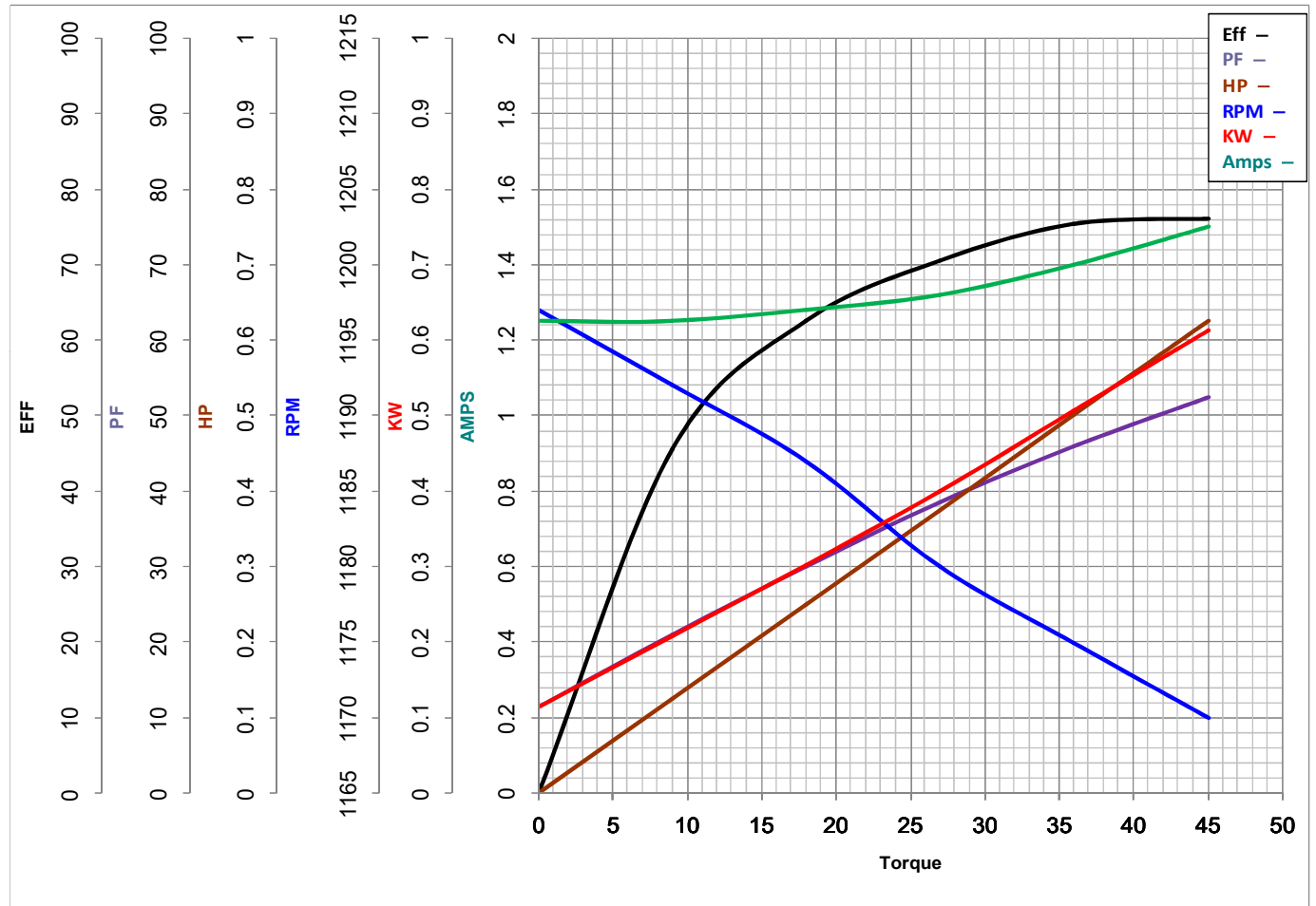
INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

\*\* Subject to change without notice.



**MARATHON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer \_\_\_\_\_ Curve at 460 Volts HP 0.5&0.33 PHASE 3  
 Model No 56T11D15522 60 HZ  
0.5 HP VOLTS 230/460&190/380  
 Catalog No G067A HZ 60&50 RPM 1140&950



FL TORQUE	<u>36</u>	Oz.Ft	FL AMPS	<u>2.8/1.4</u>	
BD TORQUE	<u>171.5</u>	Oz.Ft	PU TORQUE	<u>115.0</u>	Oz.Ft
LR TORQUE	<u>117</u>	Oz.Ft	LR AMPS	<u>7.3</u>	
WINDING	SS0053914-3		Date	1/22/2019	