

# PRODUCT INFORMATION PACKET



Model No: 056T17D2099

Catalog No: G101

Fan and Blower Motor, 0.75 & 0.50 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380-415 V,  
1800 & 1500 RPM, 56 Frame, DP



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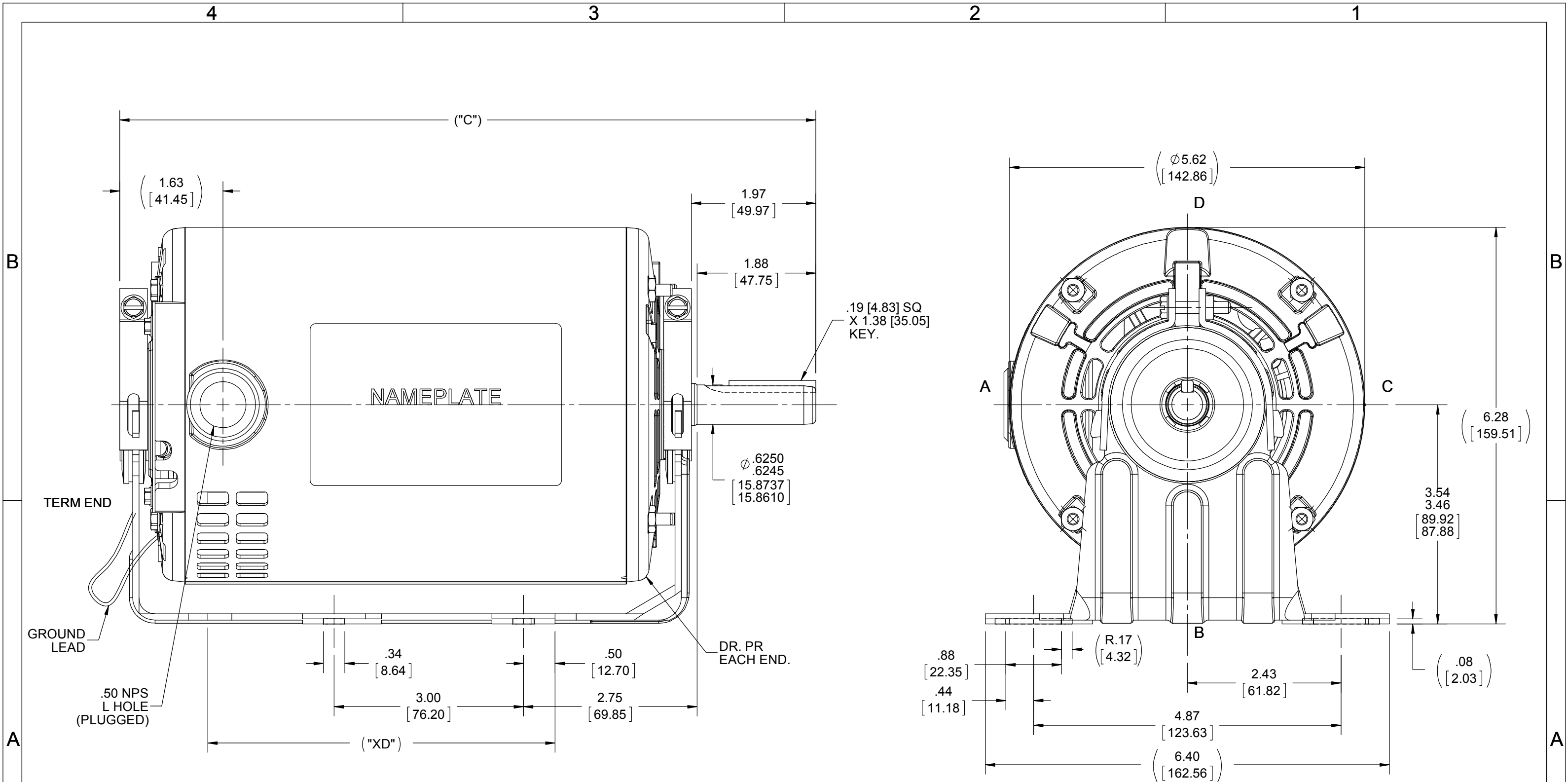


### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>0.75 &amp; 0.50 Hp</b>
Output KW	<b>0.56 &amp; 0.37 kW</b>	Voltage	<b>208-230/460 &amp; 190/380-415 V</b>
Speed	<b>1725 &amp; 1425 rpm</b>	Service Factor	<b>1.25 &amp; 1.25</b>
Frame	<b>56</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>Automatic</b>	Efficiency	<b>75.5 &amp; 74 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>2.7-2.8/1.4 &amp; 2.4/1.2-1.39 A</b>	Power Factor	<b>70.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>B</b>	KVA Code	<b>L</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>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>23 Ohms</b>	Mounting	<b>Resilient 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>NEMA 56</b>	Overall Length	<b>10.97 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>SS404340-700</b>	Connection Drawing	<b>A-EE7335</b>

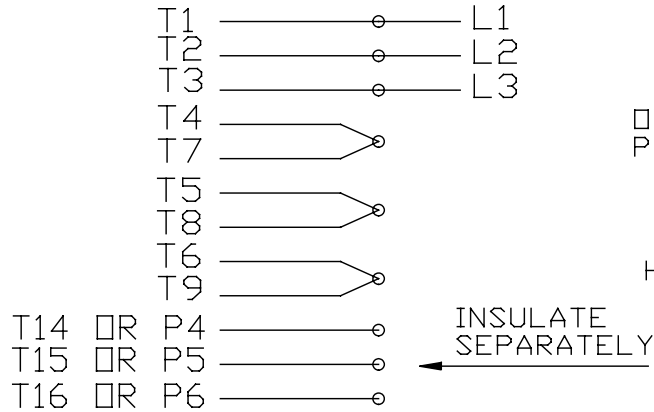


NOTE:-  
1) NAMEPLATE DATA LOC @ "A" READ FROM TERM END.

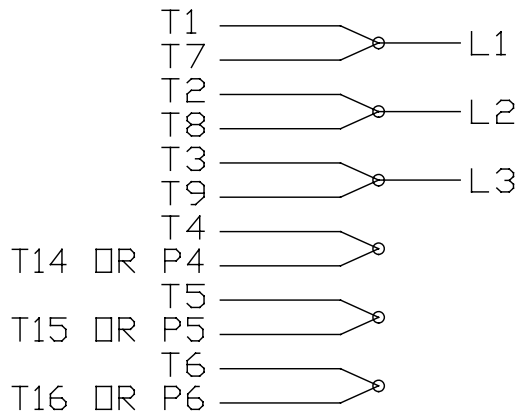
DRAWING REVISION A	REVISION BY A.SUPPANAVAR	DATE 02-06-2019	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [±2.5] .XX ±0.03 [±0.76] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127]	DRAWN BY A.SUPPANAVAR	Regal Beloit America, Inc.	
ECO ECO-0162621	APPROVED BY	DATE	REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200 INCH/mm 5.1 mm SHOWN IN [BRACKETS]	DATE 02-06-2019		
ECO DESCRIPTION OUTLINE CONVERSION PROJECT COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S 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.				APPROVED BY D.SURYAWANSHI	DESCRIPTION OUTLINE	
DASH	"XD"	"C"		DATE 02/28/2019	MATERIAL	PROCESS/FINISH
700	5.50 [139.70]	11.02 [279.91]		REFERENCE SS75077	SIZE B	DRAWING NUMBER SS404340
				THIRD ANGLE PROJECTION		SHEET 1 OF 1

EE7335

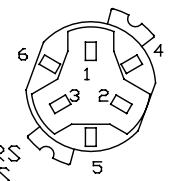
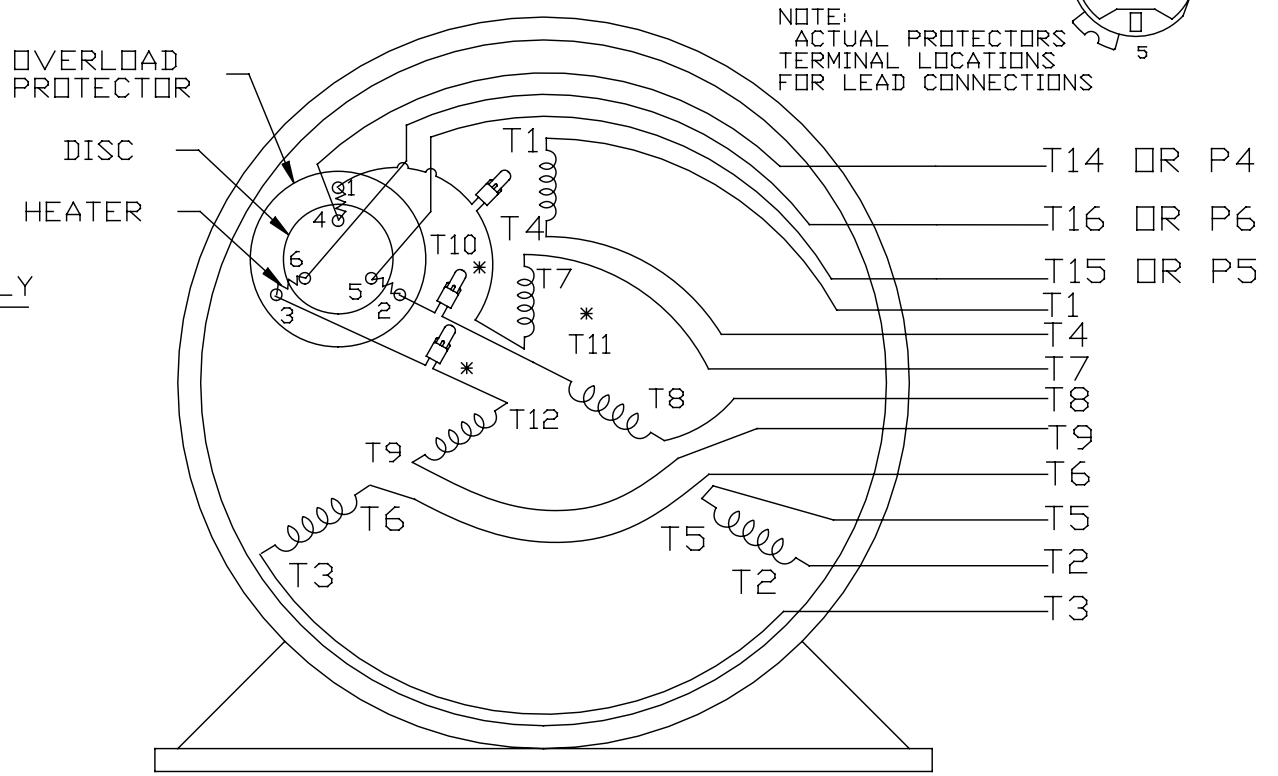
### HIGH VOLTAGE CONNECTIONS



### LOW VOLTAGE CONNECTIONS



### THREE PHASE - DUAL VOLTAGE MOTOR WITH OVERLOAD PROTECTOR



NOTE:  
ACTUAL PROTECTORS  
TERMINAL LOCATIONS  
FOR LEAD CONNECTIONS

VIEW OF TERMINAL END

\* USE PRESSURE CONNECTORS FOR MT2 PLANT ONLY

T2K
T4D
T6AN

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN	SCALE	REV.
				DEC.	INCHES				
17	CHANGED LOGO FROM MARATHON TO REGAL	KIR 02/16/16	AB	DEC.	INCHES	<b>REGAL™</b> Regal Beloit America, Inc.	KL 08-09-1993	1=1	17
16	PRESSURE CONNECTORS QUANTITY WAS 6	PVR 10/29/13	GR	.X	±.1		CHK ML 08/10/1993		
15	PRESSURE CONNECTORS ADDED	GR 03/04/13	SR	.XX	±.01	TITLE CONNECTION DIAGRAM	APPD GK 08/10/1993		
14	ADDED ACTUAL PROECTOR VIEW CN 17481	KL 05/18/94		.XXX	±.005	3Ø-DUAL VOLT WITH OVERLOAD PROTECTO	REF		
13	REDRAWN IN AUTO CAD	KL 08/11/93		.XXXX	±.0005	MAT'L.	FMF		
				ANG	±1/2*		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	EE7335	SIZE	DRAWING NO.	EE7335
				DIST			A		





**REGAL REXNORD CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at 460 Volts  
60 HZ  
0.75 HP

HP 0.75&0.5 PHASE 3

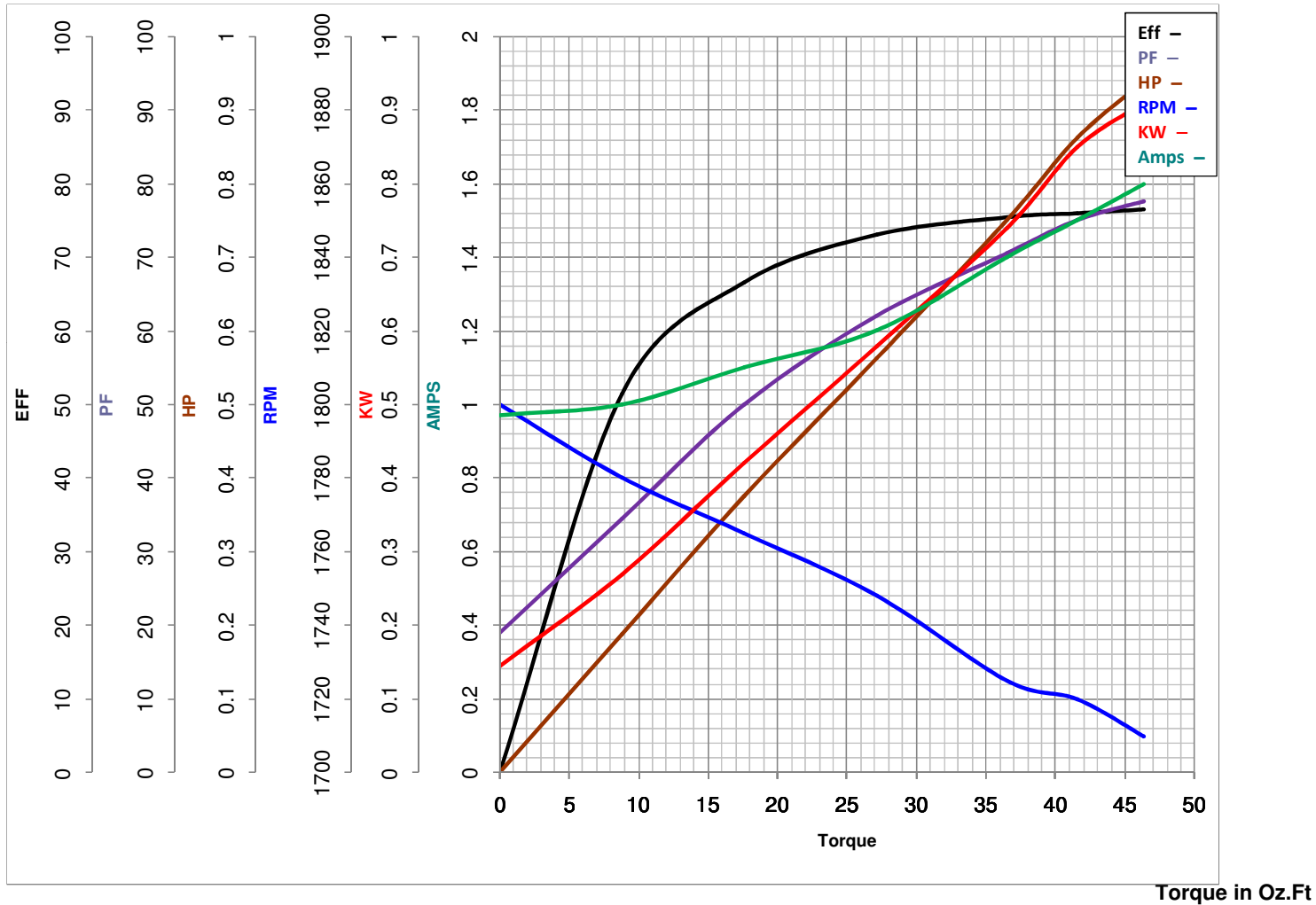
Model No 56T17D2099

VOLTS 208-230/460&190/380-415

Catalog No G101

HZ 60&50

RPM 1725&1425



<b>FL TORQUE</b>	<u>36.48</u> Oz.Ft	<b>FL AMPS</b>	<u>2.7-2.8/1.4</u>
<b>BD TORQUE</b>	<u>156.8</u> Oz.Ft	<b>PU TORQUE</b>	<u>147.2</u> Oz.Ft
<b>LR TORQUE</b>	<u>140.8</u> Oz.Ft	<b>LR AMPS</b>	<u>9</u>
<b>WINDING</b>	TE48412-3	<b>Date</b>	1/23/2019

## EC Declaration of Conformity

The undersigned representing  
the manufacturer:

Regal Beloit America  
1946 West Cook Road  
Fort Wayne, IN 46818

and the authorized representative  
established within the Community:

Regal Beloit Italy  
Via Modena, 18  
24040 Ciserano(BG) - Italy

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 : 056T17D2099

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

Catalog No : G101

Rework No : N/A

Directives :

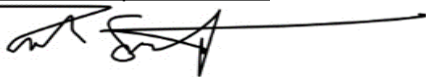
Low Voltage Directive 2014/35/EU

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:



Zach Stauffer  
Vice President, Engineering

Authorized Representative in the Community:



Stefano Casiraghi  
Technology Director, Engineering

Created on 07/08/2025

**CE 25**