

# PRODUCT INFORMATION PACKET

Model No: 365TTFS9230

Catalog No: Y390

Multispeed Motor, 60 & 15 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 & 1800 RPM, 365T Frame, TEFC



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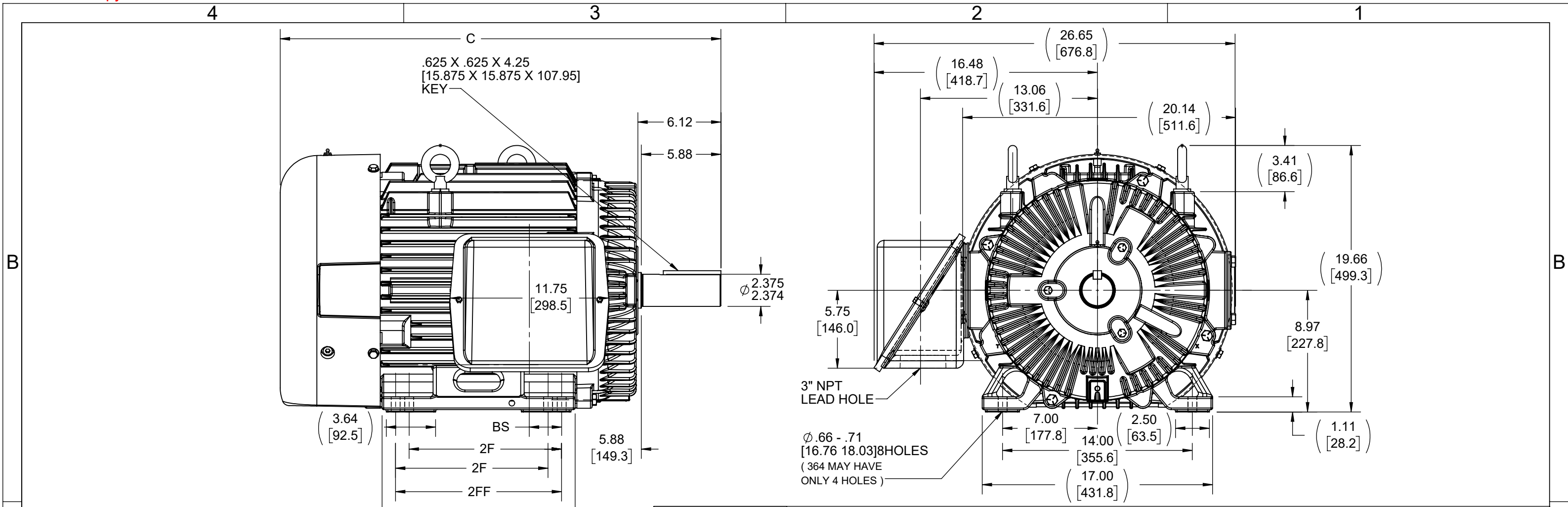
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### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>60 &amp; 15 Hp</b>
Output KW	<b>45.0 &amp; 11.2 kW</b>	Voltage	<b>460 &amp; 460 V</b>
Speed	<b>1780 &amp; 885 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>365T</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>92.4 &amp; 91 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 60 Hz</b>
Current	<b>74.5 &amp; 25 A</b>	Power Factor	<b>81</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>1VT</b>	KVA Code	<b>H</b>
Drive End Bearing Size	<b>6314</b>	Opp Drive End Bearing Size	<b>6312</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>55</b>
Number of Speeds	<b>2</b>		

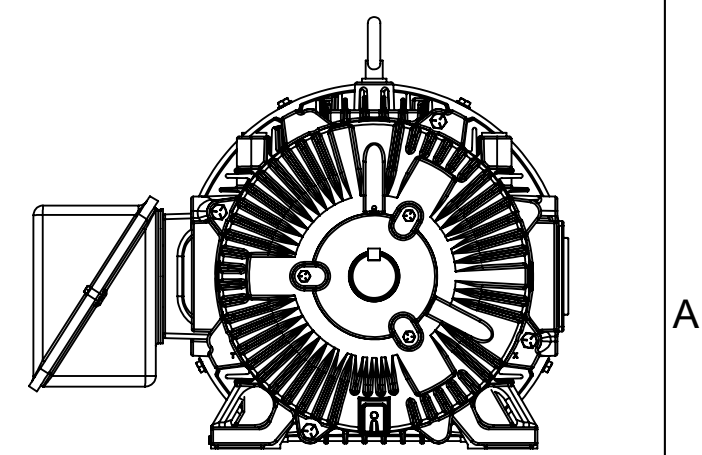
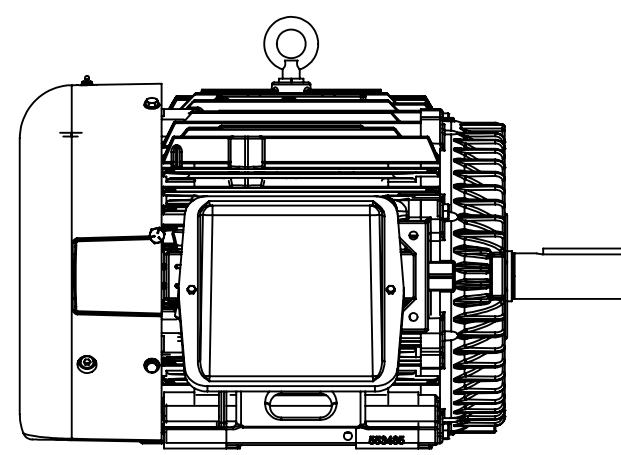
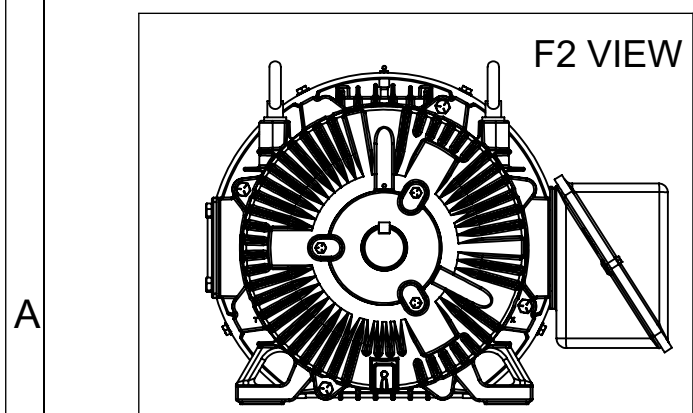
### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4/8</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.115 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>Cast Iron</b>
Shaft Type	<b>T</b>	Overall Length	<b>32.50 in</b>
Frame Length	<b>14.50 in</b>	Shaft Diameter	<b>2.375 in</b>
Shaft Extension	<b>6.12 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>B-SS518180-1450</b>	Connection Drawing	<b>A-EE7322</b>



FRAME 364 - 1350

- NOTE:  
 1. ALTERNATE FRAME DRAWING.  
 2. MODELS USING ALTERNATE FRAME 553485A.



- NOTES:  
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS

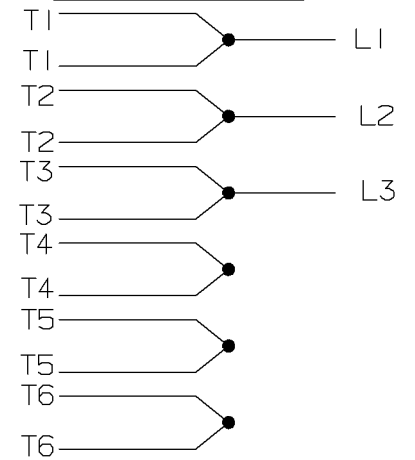
DASH	FRAME	B	C	2F	2FF	BS
1350	364T	13.25 [336.55]	31.52 [800.61]	11.25 [285.75]	---	5.62 [142.75]
1450	364/365T	14.25 [361.95]	32.52 [826.01]	11.25 [285.75]	12.25 [311.15]	2.38 [60.45]

DRAWING REVISION 4	REVISION BY MK	REV DATE/© DATE 6/28/2022	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE		DRAWN BY DMT	Regal Beloit America, Inc.
REQUEST NUMBER CR-0007552	APPROVED BY CHRIS	DATE 6/28/2022	.X ±0.1 [±3] ±7° 30"	.XX ±0.02 [±0.5]	DATE 01-23-2001	
REQUEST NUMBER DESCRIPTION OUTLINE DRAWING IS UPDATED WITH NEW FRAME.			.XXX ±0.005 [±0.13]	.XXXX ±0.0005 [±0.013]	APPROVED BY JHL	DESCRIPTION OUTLINE - TEFC/CEE
COPYRIGHT (PER REVISION DATE) 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.			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.08/.38] X 45° CORNER FILLETS: R.02 [5] MACHINED SURFACES: 200 INCH/mm 5.1 mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY		DATE 01-23-2001	360T FR. - TAPPED LEAD HOLE - (STD)
					REFERENCE	MATERIAL
					THIRD ANGLE PROJECTION	PROCESS/FINISH
					SIZE B	DRAWING NUMBER SS518180
						SHEET 1 OF 1

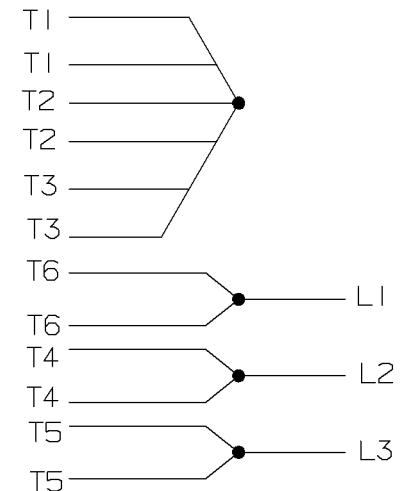
A- EE7322

FOR DUAL LEADS

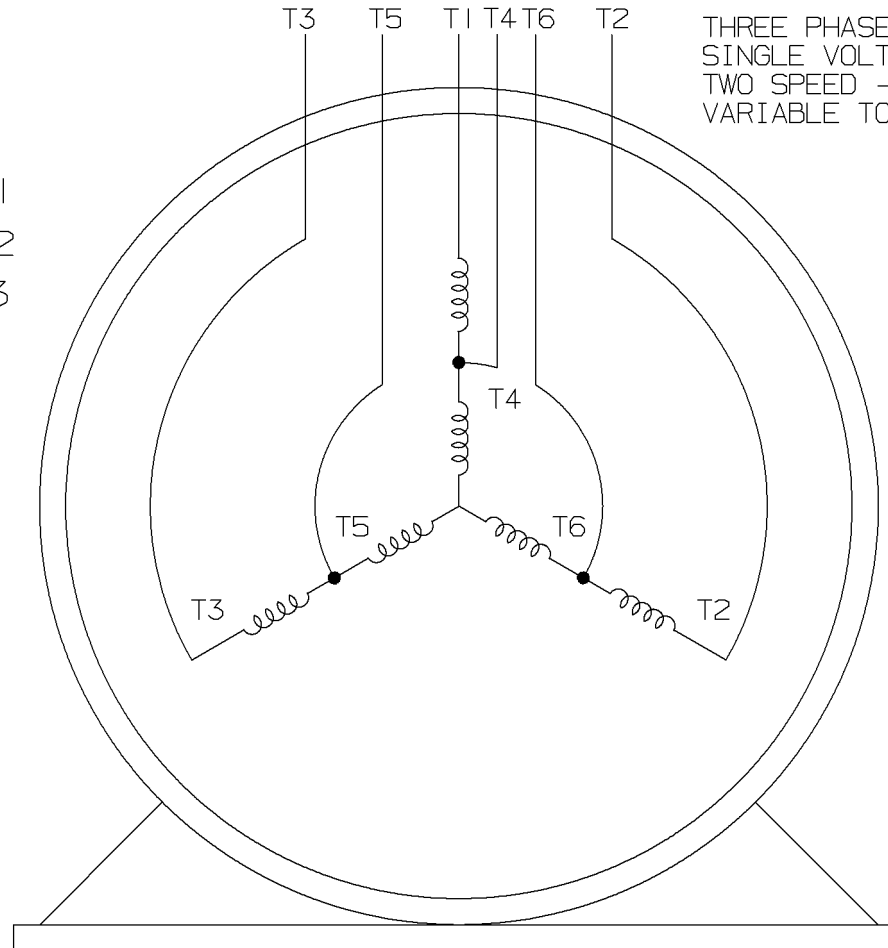
LOW SPEED



HIGH SPEED

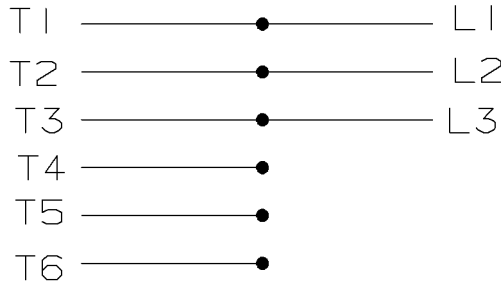


THREE PHASE MOTOR  
SINGLE VOLTAGE  
TWO SPEED - SGL. WDG.  
VARIABLE TORQUE

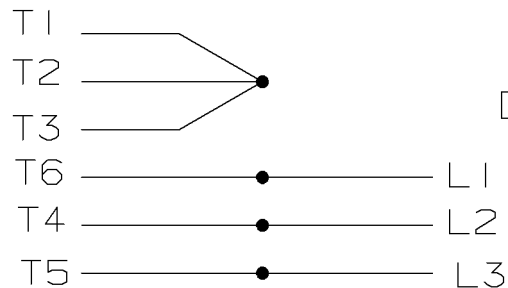


VIEW OF TERMINAL END

LOW SPEED



HIGH SPEED



T612C

T48B

				<input checked="" type="checkbox"/> MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±    XXX±.005    XXXX±.0005    ANGLES±		
				MATL SPEC			DRAWN BY PGK 12-26-1996
				FINISH			CHKD BY ML 01-07-1997
7	01-08-1997	REDRAWN ON CADD	CN 24000-27	PGK	REFERENCE DRW.	WAUSAU, WISCONSIN 54401	APPD BY TB 01-07-1997
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM 3Ø - SINGLE VOLTAGE - 2 SPEED			DRWG NO A- EE7322

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM - BR

CADD FILE NO.

EE7322

**CERTIFICATION DATA SHEET**

**Model#:** 365TTFS9230 AN  
**CONN. DIAGRAM:** A-EE7322  
**OUTLINE:** B-SS518180-1450

**WINDING#:** T365(4-8)36 NONE 1  
**ASSEMBLY:** F1/F2 CAPABLE

**TYPICAL MOTOR PERFORMANCE DATA**

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
60&15	45&11.2	900	1780&885	365T	TEFC	H	1VT

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/60	460	74.5&25	ACROSS THE LINE	CONTINUOUS	F3	1.15/1.15	40	3300

FULL LOAD EFF: 92.4&91	3/4 LOAD EFF: 91	1/2 LOAD EFF: 89.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 81&62	3/4 LOAD PF: 56	1/2 LOAD PF: 45	89.2	SQ CAGE IND RUN	14

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
89 LB-FT	95	135 LB-FT 152	180 LB-FT 202	75

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	14.5 LB-FT^2	- LB-FT^2	- SEC.	-	900 LBS.

**\*\*\* SUPPLEMENTAL INFORMATION \*\*\***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON
6314	6312						

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  
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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
- FT-LB NONE V NONE Hz

DATE: 06/22/2017 03:33:14 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 60&15

PHASE 3

Model No 365TTFS9230

60

HZ

VOLTS 460&460

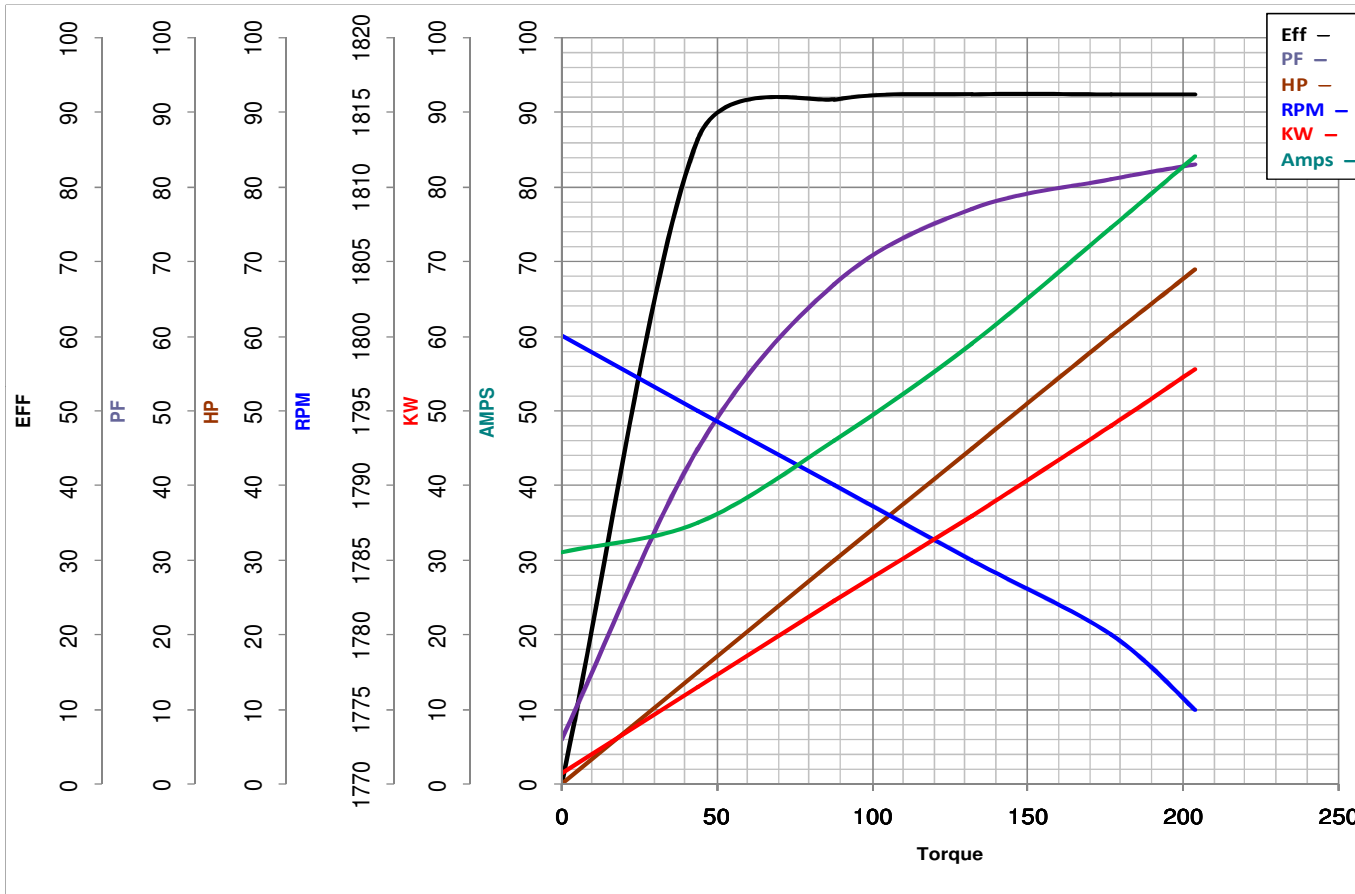
60

HP

Catalog No Y390

HZ 60&60

RPM 1780&885



Torque in LB-FT

FL TORQUE 177 LB-FT  
BD TORQUE 475.0 LB-FT  
LR TORQUE 375 LB-FT

FL AMPS 74.5  
PU TORQUE 375.0 LB-FT  
LR AMPS 500

WINDING T365(4-8)36-1

Date 1/17/2019

## 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 : 365TTFS9230

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

Catalog No : Y390

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**