PRODUCT INFORMATION PACKET

Model No: C145C34FK2H

Catalog No: 121008.00

2HP..3450RPM.145.TEFC.115/208-230V.1PH.60HZ.CONT.NOT.40C.1.0SF.RIGID C.GENERAL PURPOSE.C145C34FK2H

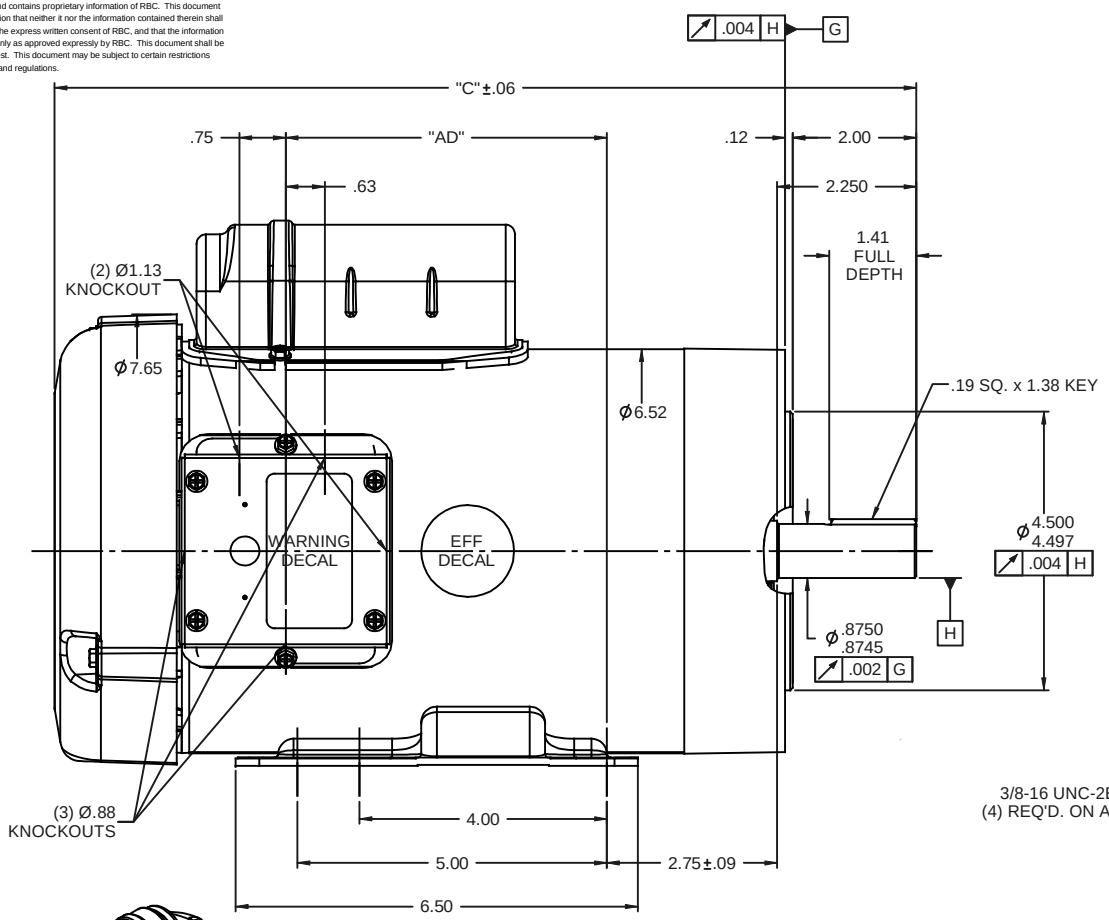
Totally Enclosed Fan Cooled (TEFC)

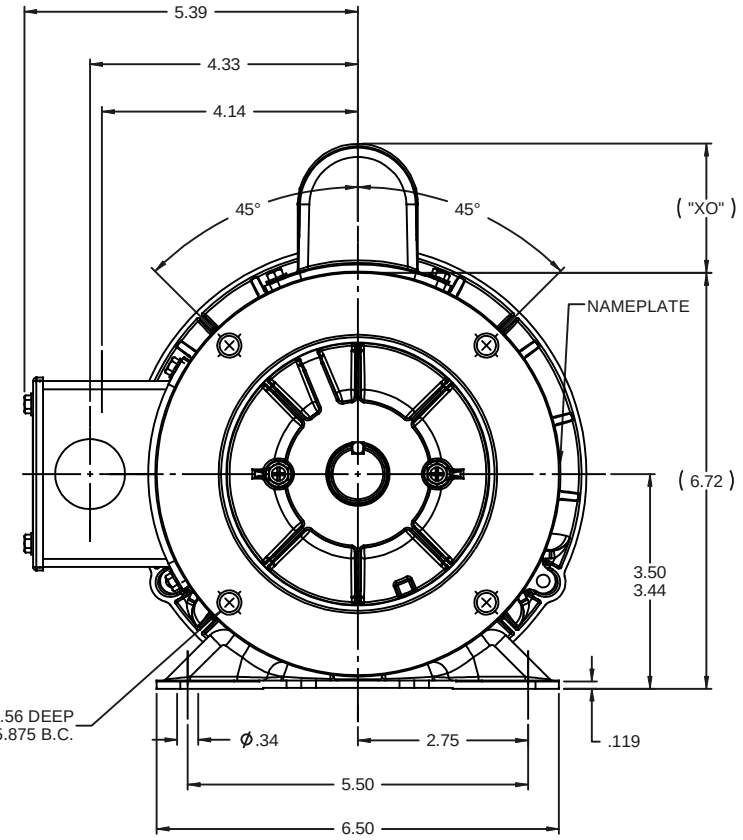
Nameplate Specifications

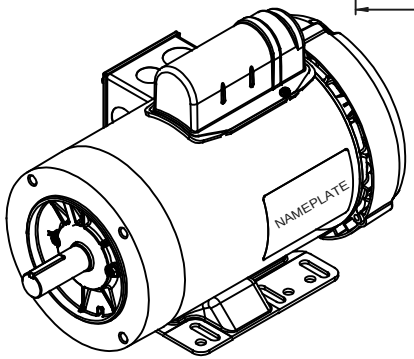
Output HP	**2 Hp**	Output KW	**1.5 kW**
Frequency	**60 Hz**	Voltage	**115/208-230 V**
Current	**20.0/11.4-10.0 A**	Speed	**3450 rpm**
Service Factor	**1**	Phase	**1**
Efficiency	**73 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**L**
KVA Code	**J**	Frame	**145TC**
Enclosure	**Totally Enclosed Fan Cooled**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6205**
Opp Drive End Bearing Size	**6203**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**43**		

Technical Specifications

Electrical Type	**Capacitor Start Induction Run**	Starting Method	**Across The Line**
Poles	**2**	Rotation	**Selective Counterclockwise**
Mounting	**Rigid base**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**Rolled Steel**	Shaft Type	**T**
Overall Length	**13.93 in**	Frame Length	**8.00 in**
Shaft Diameter	**0.875 in**	Shaft Extension	**2.25 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**028897-800B**	Connection Diagram	**005062.01**







DASH NO.	"C"	"AD"
650	12.43	3.69
700	12.93	4.19
750	13.43	4.69
800	13.93	5.19
850	14.43	5.69

CAP. DASH	"XO"
A	1.54
B	2.01
C	2.25

NOTES:
1) GASKETS THROUGHOUT

NO	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED
DEC INCHES
.X ±.1
.XX ±.03
.XXX ±.005
.XXXX ±.0005
ANG ±1/2°

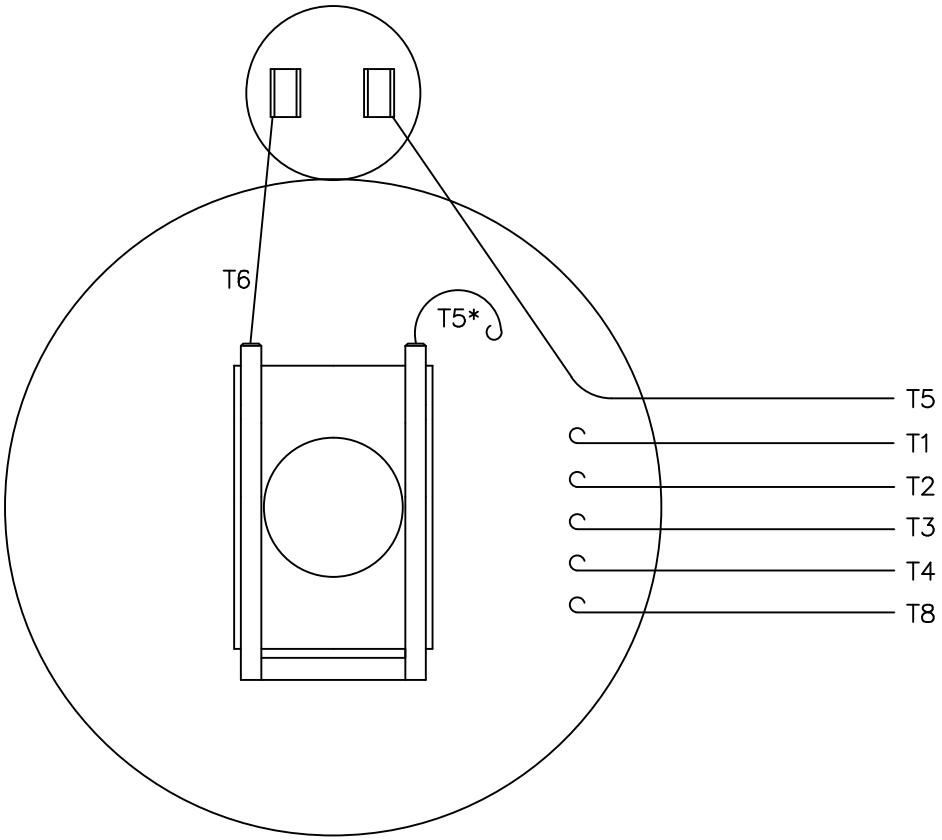
LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE OUTLINE - 140T FRAME
TEFC - RIGID "C"
MAT'L GENERAL PURPOSE
FINISH
PREV

DRAWN GRB 10/30/08
CHK DJ 10/30/08
APPR
SCALE 1:2
REF 028655
FMF 121008.00
PAGE 1 OF 1

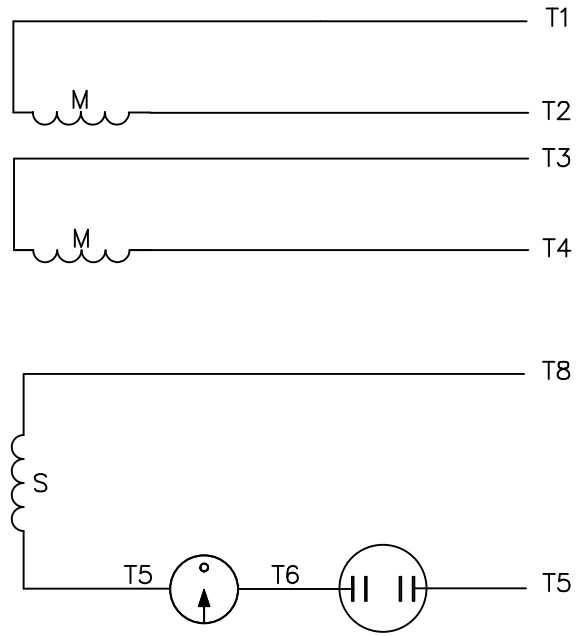
THIRD ANGLE PROJECTION
RFP 10/30/08
NETWORK FILE NAME
SIZE B
DRAWING NO 028897
REV

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

LINE LEADS



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4 T5	T2,T3 T8
	C.W.	T1	T4 T8	T2,T3 T5
LOW VOLT	C.C.W.	T1,T3 T8	T2,T4 T5	---
	C.W.	T1,T3 T5	T2,T4 T8	---

NO.	REVISION	BY & DATE	CHK
12	ALTERNATE T5 LEAD MARKING WAS RED	RLW 8/6/02	
11	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH
10	UPDATED TO CURRENT STANDARDS	DBT 06/09/97	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: EXT. WIRING DIAGRAM TYPE "C" W/O PROTECTOR

MAT'L. DECAL – 004012

FINISH

CAD FILE 00506201

RFP

DIST NLV

DRAWN	JRW 12/05/74
CHK	
APPD	T.E.M.
SCALE	1=1
REF	A-005061
FMF	
PREV	

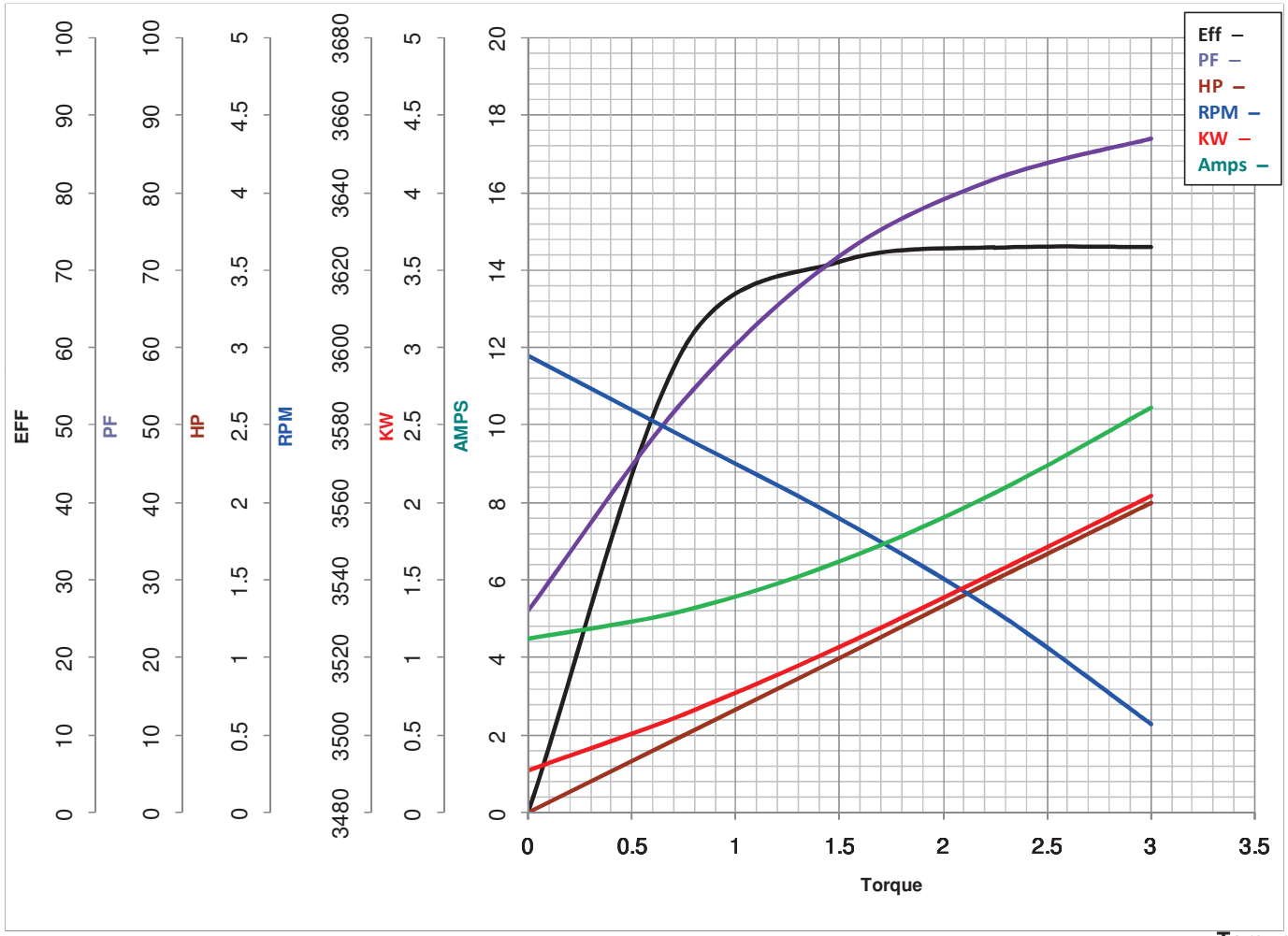
SIZE A | DRAWING NO. 005062-01 | REV. 12

6/29/2007 11:01:37 AM -

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at	230	**Volts**	**HP**	2.00	**PHASE**	1
	60	**HZ**				
	2	**HP**	**VOLTS**	115/208-230		
Model No	121008.00					
Catalog No	121008.00		**HZ**	60	**RPM**	3450



Torque in Lb.Ft

FL TORQUE	3	**Lb.Ft**	**FL AMPS**	20/11.4-10	
BD TORQUE	7.8	**Lb.Ft**	**PU TORQUE**	7.0	**Lb.Ft**
LR TORQUE	7.5	**Lb.Ft**	**LR AMPS**	64.4	
WINDING	C632213-3			**Date**	**4/23/2018**