

PRODUCT INFORMATION PACKET



Model No: C145K34FB3H

Catalog No: 120341.00

..3HP..3450RPM.145.TEFC.230V.1PH.60HZ.CONT.40C.1.0SF.RIGID.C145K34FB3H.....GENERAL
PURPOSE.NOT.....

Totally Enclosed Fan Cooled (TEFC)



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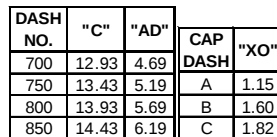
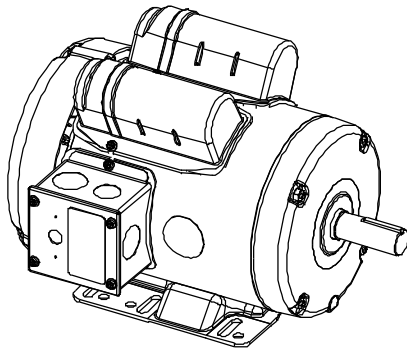


Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230 V
Current	13.0 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	81.5 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	J	Frame	145T
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	54		

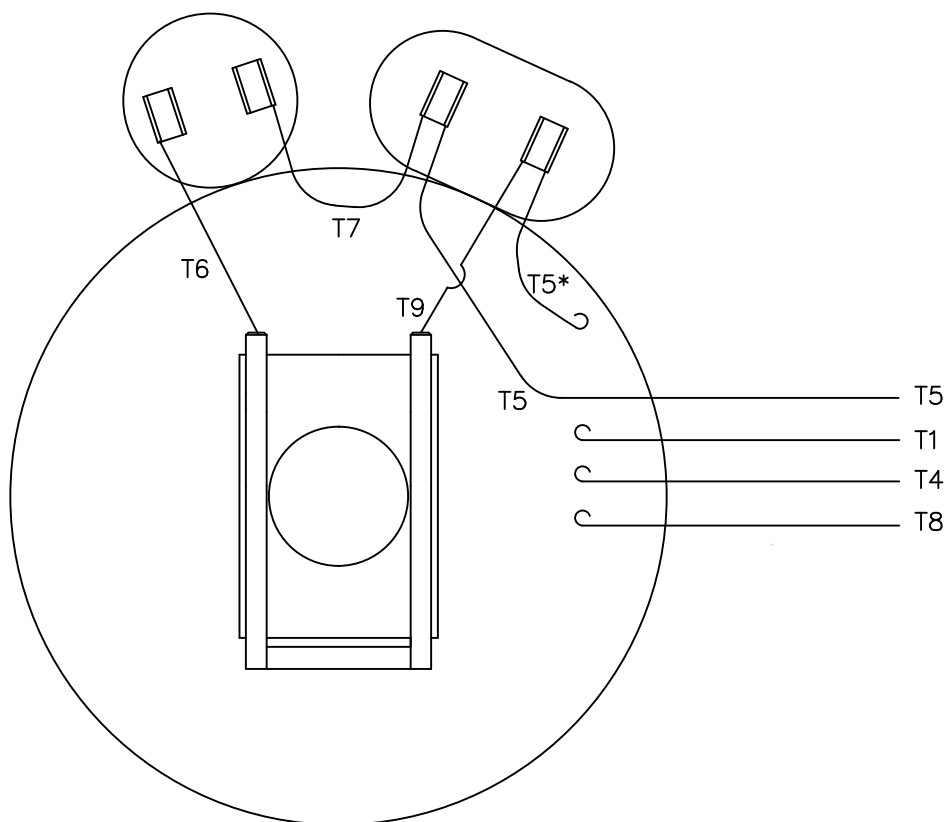
Technical Specifications

Electrical Type	Capacitor Start Capacitor 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	14.43 in	Frame Length	8.50 in
Shaft Diameter	0.875 in	Shaft Extension	2.25 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028803-850C	Connection Diagram	005018.01

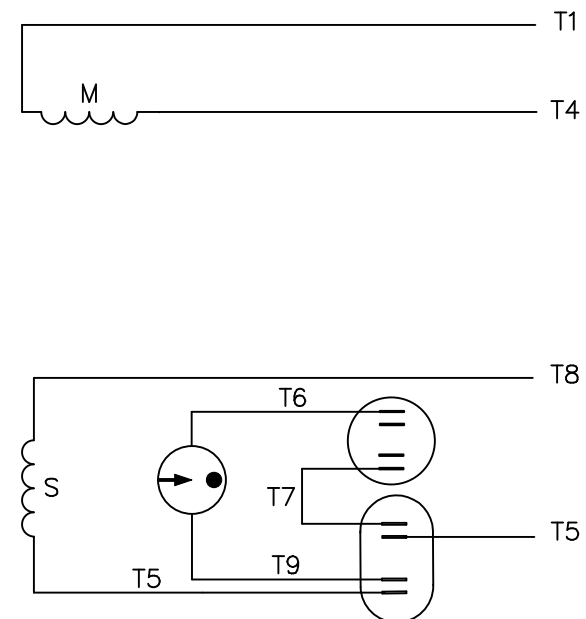


					TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KMM 10/04/07
				DEC INCHES	CHK			
			X ±.1	APPR				
			XX ±.03	TITLE OUTLINE - 140T FRAME	SCALE 3/8			
			XXX ±.005	TEFC - RIGID	REF 028589			
01	CORRECTED BASE LOCATION ECR 0035519	GS 3/5/13	XXXX ±.0005	MAT'L	FMF			
NO	REVISION	BY & DATE	CHK ANG ±1/2°	FINISH GENERAL PURPOSE	PAGE OF			
THIRD ANGLE PROJECTION			RFP	PREV	SIZE B	DRAWING NO	REV 01	
			NETWORK FILE NAME 028803		028803			

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS

ROTATION
FACING
LEAD END

L1

L2

C.C.W.

T1,T8

T4,T5

C.W.

T1,T5

T4,T8

* THIS LEAD MAY BE WHITE

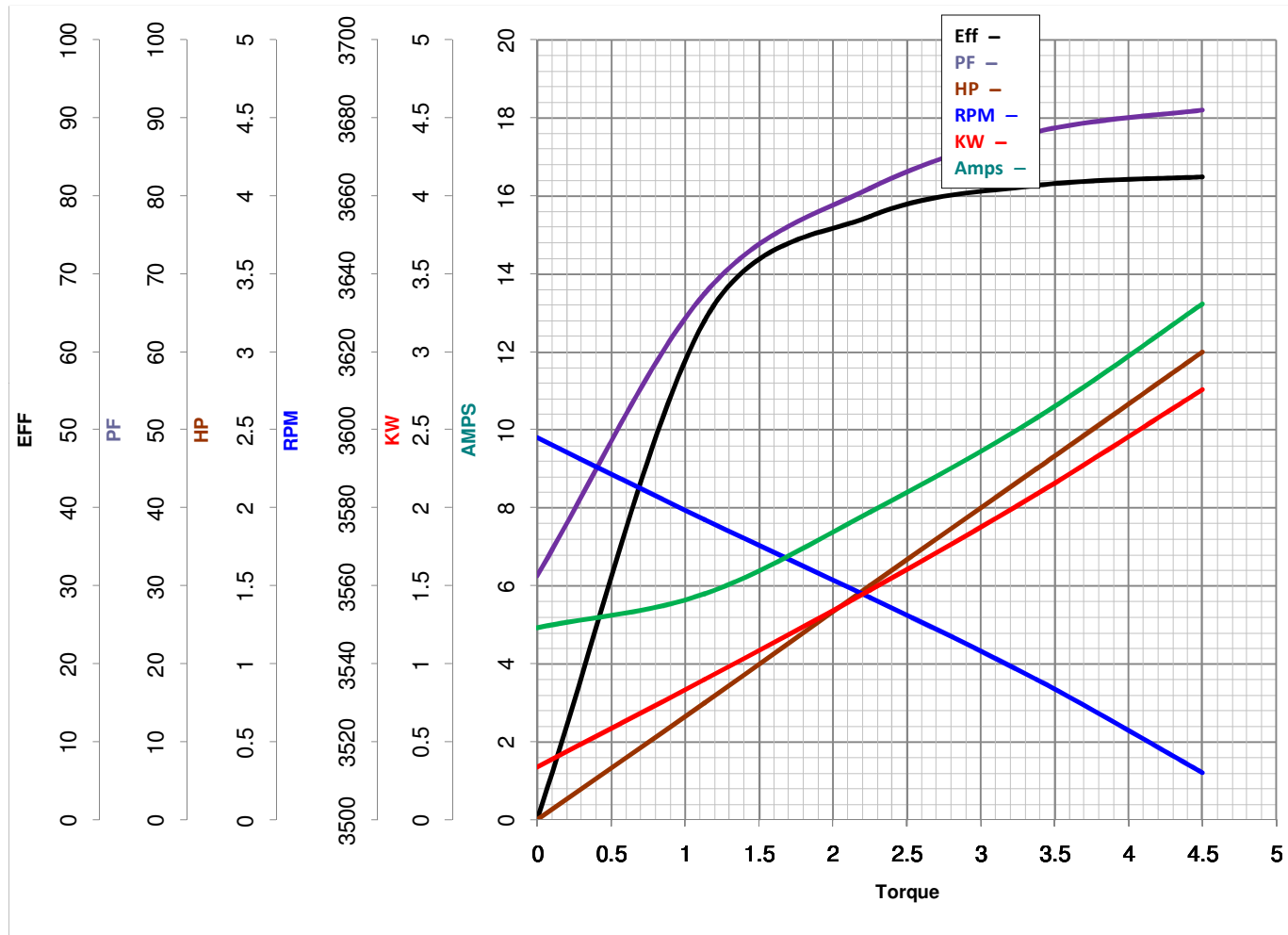
				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN ADH 02/19/74		
				DEC.	INCHES				CHK WRK 02/20/74		
				.X	±.1				APPD JCW 02/20/74		
20	ALTERNATE T5 LEAD MARKING WAS RED	RLW 7/22/02	KH .XX	±.01	TITLE EXTERNAL WIRING DIAGRAM TYPE "K" W/O PROTECTOR				SCALE 1=1		
19	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH .XXX	±.005					REF		
18	REDRAWN ON CAD	DBT 06/24/97		.XXXX	±.0005	MAT'L. DECAL - 004018				FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH				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 00501801			SIZE	DRAWING NO.		REV.
			DIST BRF-NLV					A	005018-01		20



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 120341.00Curve at 230
60
3Volts
HZ
HPHP 3.00

VOLTS 230PHASE 1Catalog No 120341.00HZ 60RPM 3450

Torque in Lb.Ft

FL TORQUE 4.5 Lb.Ft
 BD TORQUE 13.5 Lb.Ft
 LR TORQUE 12.5 Lb.Ft

FL AMPS 13
 PU TORQUE 12.0 Lb.Ft
 LR AMPS 100

WINDING K632129-2

Date 4/23/2018