

PRODUCT INFORMATION PACKET



Model No: C145K34FB16E

Catalog No: 120998.00

4HP..3450RPM.145.TEFC./230V.1PH.60HZ.SAW.NOT.40C.1.0SF.ROUND.WOODWORKING.C145K34FB16
E

Other Purpose



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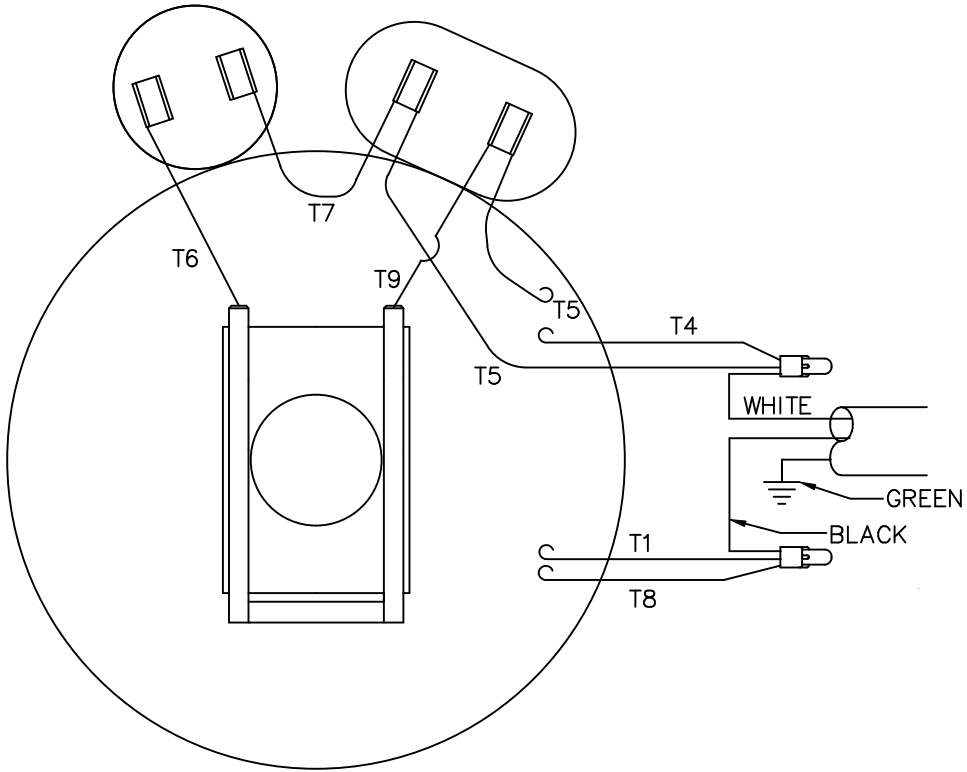
Nameplate Specifications

Output HP	4 Hp	Output KW	3.0 kW
Frequency	60 Hz	Voltage	230 V
Current	17.6 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	84 %	Duty	Saw
Insulation Class	F	Design Code	NO DESIGN CODE
KVA Code	H	Frame	145Y
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

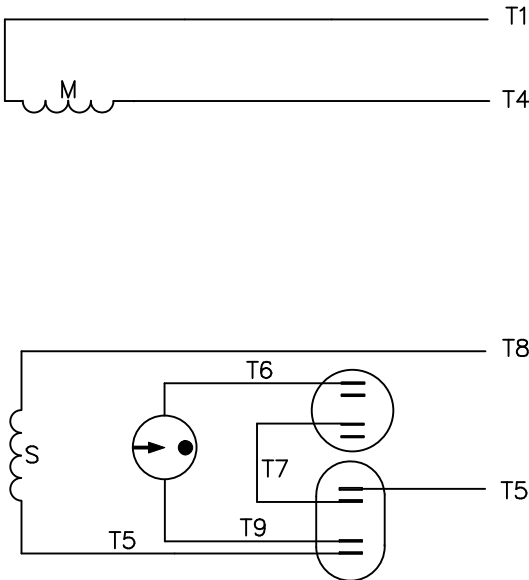
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Fixed Counterclockwise
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	12.86 in	Frame Length	8.50 in
Shaft Diameter	0.750 in	Shaft Extension	1.75 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028937-850C	Connection Diagram	005018.12

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



C.C.W. L.E. ROTATION SHOWN ABOVE

LINE LEADS



ROTATION FACING LEAD END	L1 (BLACK)	L2 (WHITE)
C.C.W.	T1,T8	T4,T5
C.W.	T1,T5	T4,T8

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION				
				DECIMALS						
				.00	± .01	DRAWN PG 06/01/83	TITLE EXT. WIRING DIAGRAM TYPE "K" W/O PROTECTOR			
				.000	± .005	CH'K'D. DLL 06/06/83				
2	UPDATED TO CURRENT STANDARDS	DBT	06/16/97	.0000	± .0005	APPR. JCW 06/06/83	MAT'L. DECAL - 004018			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1				
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				ANGLES	± 1/2'	REF.	FINISH		SIZE	DRAWING NO.
				INCH/MM		FMF 145K34FB6			A	005018-12

BRF

Model No 120998.00Catalog No 120998.00

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at

230

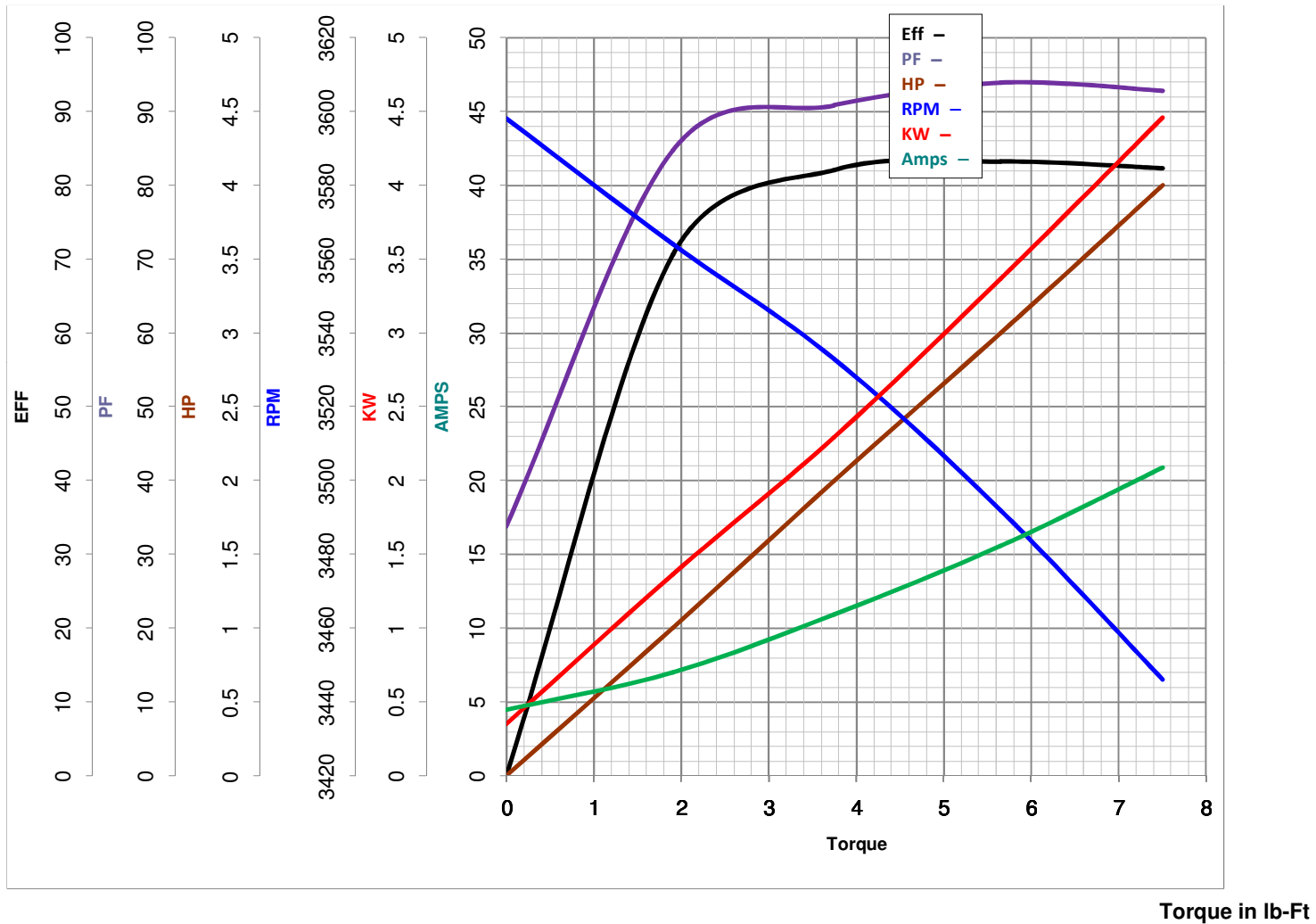
Volts

HP 4.00PHASE 160

HZ

VOLTS 2304

HP

HZ 60RPM 3450

FL TORQUE 7.5 lb-Ft
 BD TORQUE 15.6 lb-Ft
 LR TORQUE 12.1 lb-Ft

WINDING K632130-2

FL AMPS 17.6
 PU TORQUE 13.7 lb-Ft
 LR AMPS 103.3

Date 4/23/2018