

# 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

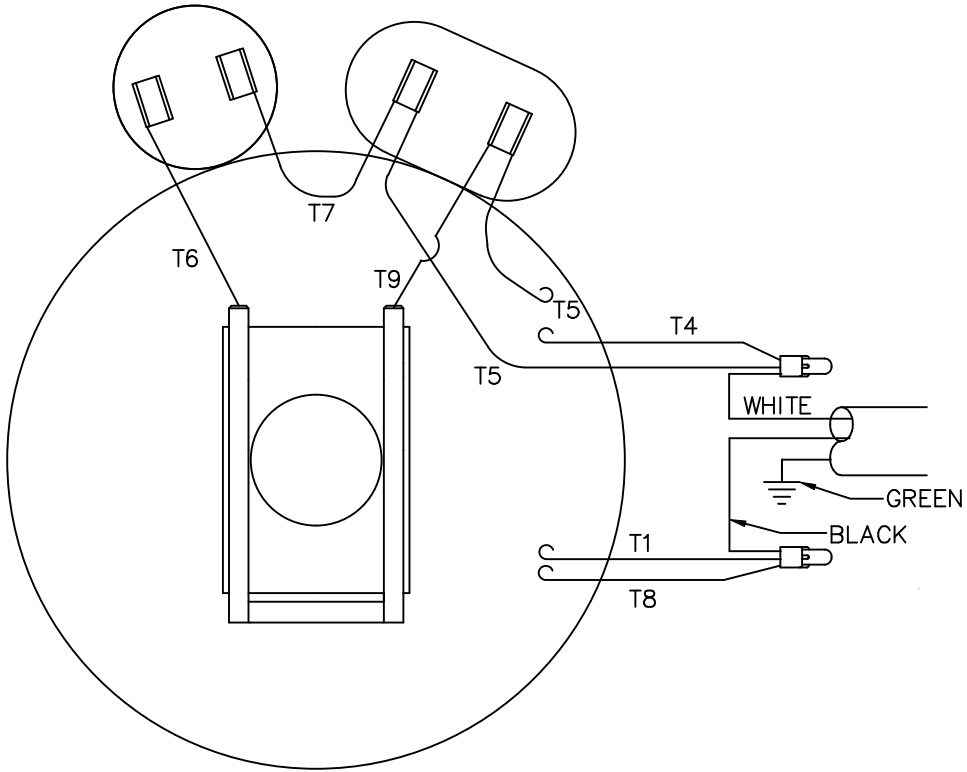
Output HP	<b>4 Hp</b>	Output KW	<b>2.98 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230 V</b>
Current	<b>17.6 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Efficiency	<b>84 %</b>	Duty	<b>SAW</b>
Insulation Class	<b>F</b>	Design Code	<b>NO DESIGN CODE</b>
KVA Code	<b>H</b>	Frame	<b>145Y</b>
Enclosure	<b>TEFC</b>	Overload Protector	<b>NOT</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6205</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>43</b>		

## Technical Specifications

Electrical Type	<b>CAP START CAP RUN</b>	Starting Method	<b>ACROSS THE LINE</b>
Poles	<b>2</b>	Rotation	<b>FIXED CCW</b>
Mounting	<b>ROUND</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>SGL SPL EXT</b>
Overall Length	<b>12.86 in</b>	Frame Length	<b>8.5 in</b>
Shaft Diameter	<b>0.75 in</b>	Shaft Extension	<b>1.75 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>028937-850C</b>	Connection Diagram	<b>5018.12</b>

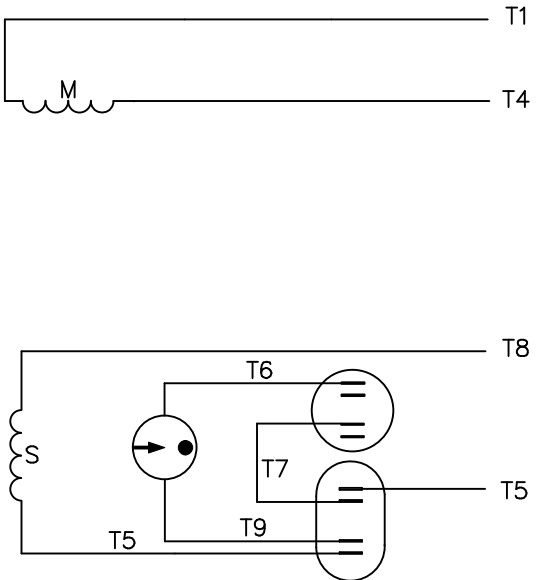


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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 <div>BRF</div>			
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