

PRODUCT INFORMATION PACKET

Model No: M009090.00

Catalog No: M009090.00

HP..1725RPM.56H.TEFC./230V.1PH.60HZ.CONT.40C.1.0SF.RIGID.M6K17FB50A.....FAN & BLOWER.MANUAL.....

Agricultural Motors



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Nameplate Specifications

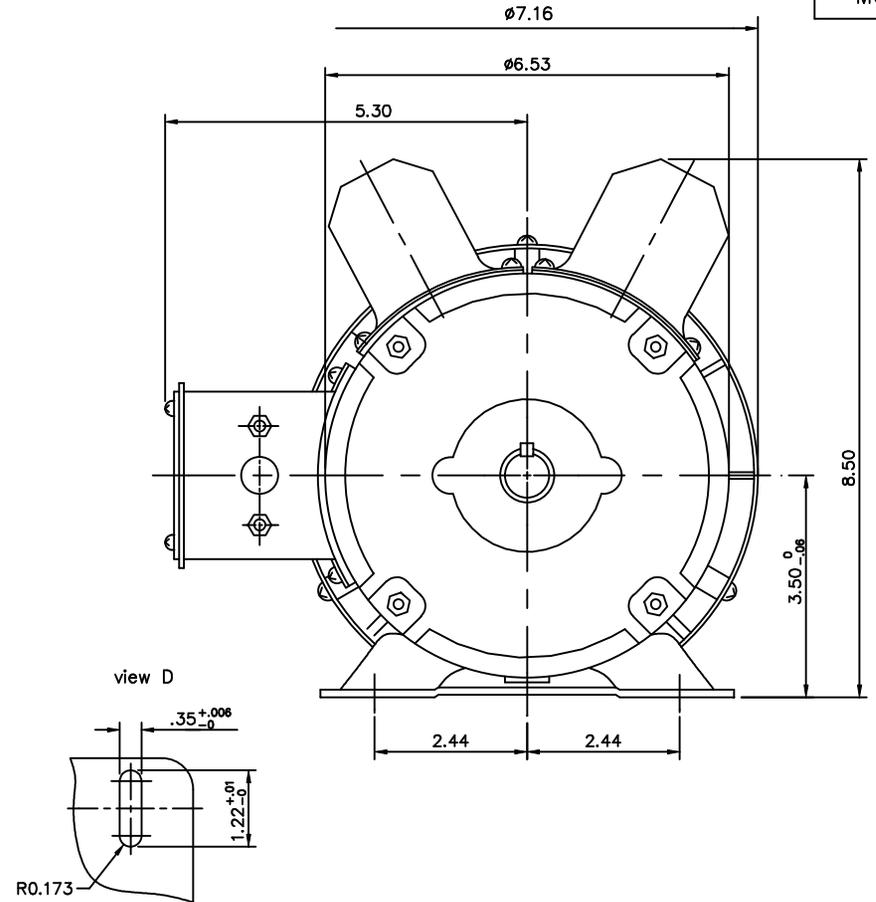
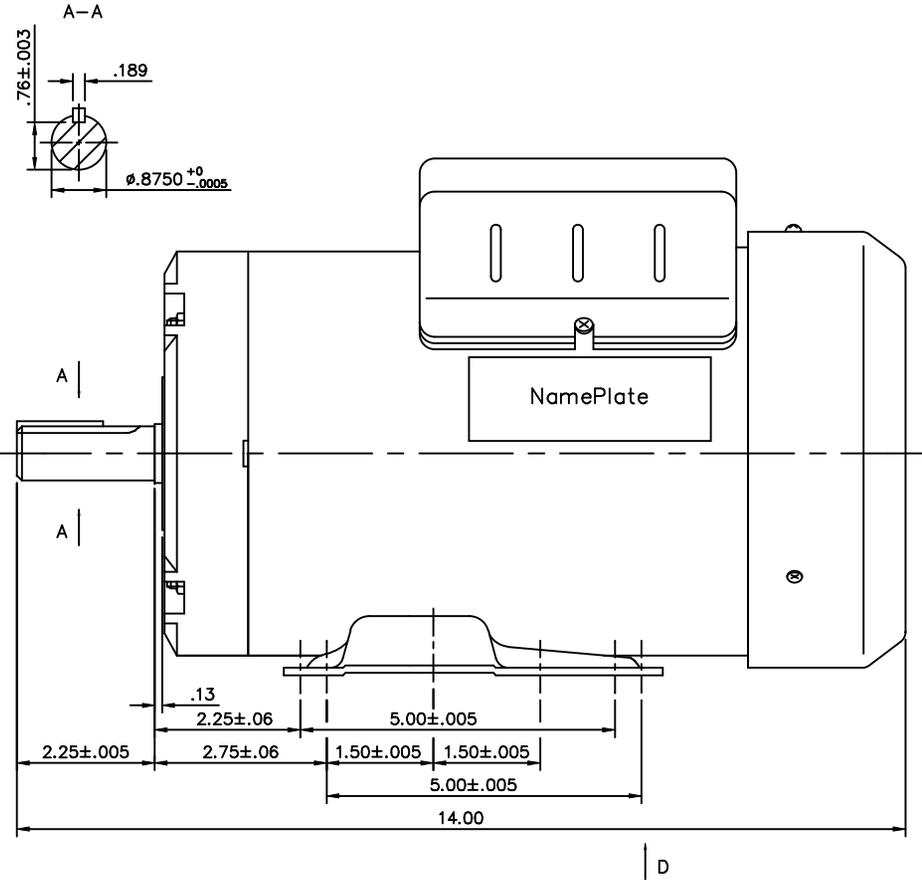
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230 V
Current	9.5 A	Speed	1725 rpm
Service Factor	1	Phase	1
Efficiency	82 %	Power Factor	83
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	J
Frame	56HZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

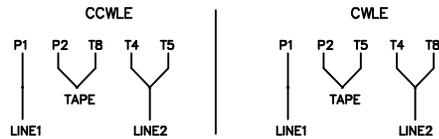
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	.724 Ohms	Mounting	Rigid Base
Motor Orientation	Nan	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Assembly/Box Mounting	NAN
Connection Drawing	005056.03	Outline Drawing	M009090

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M009090



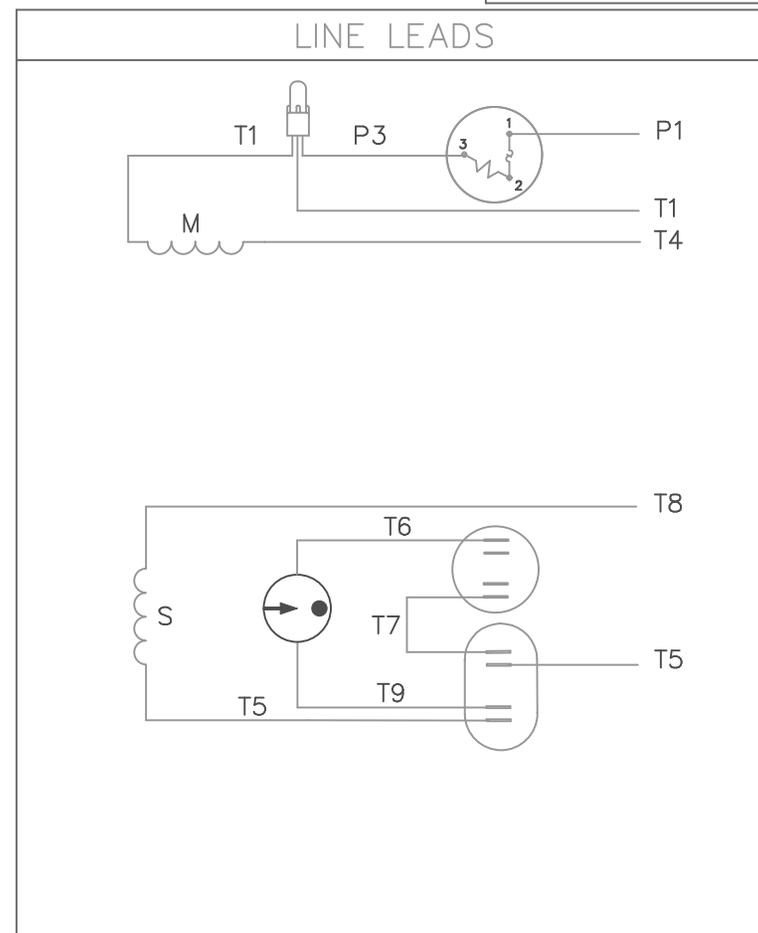
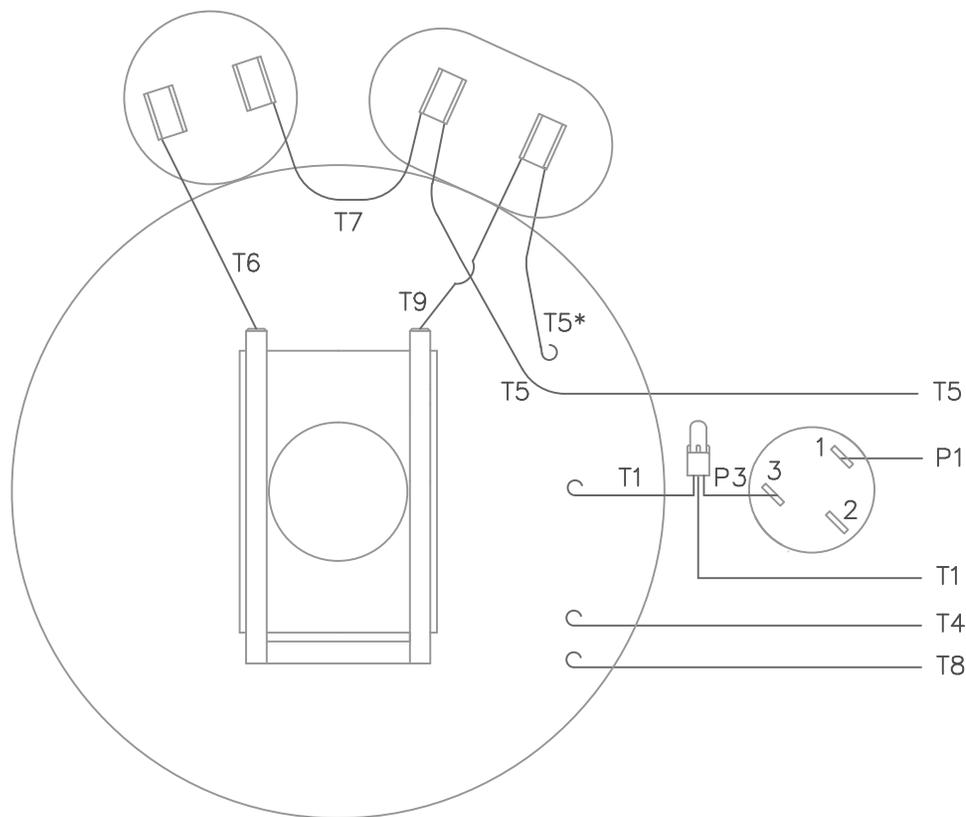
wiring diagram



LEESON CAT.NO.	FRAME	PH	HP	Hz	Volt	thermal protector	rotation
M009090	145T	1	2	60	230	CED3706	CCWLE

TOLERANCES UNLESS SPECIFIED		LEESON		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN BJB 08/29/03	
DEC.	INCHES	TITLE		SCALE		CHK	
.X	±.1	OUTLINE - 56 FRAME		NTS		APPD	
.XX	±.03	MAT'L		REF		FMF	
.XXX	±.005	FINISH		PREV		REV.	
.XXXX	±.0005	CAD FILE		M009090		SIZE B	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	DRAWING NO. M009090	
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		DRAWING NO. M009090	
				DIST		REV.	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



ROTATION FACING LEAD END	L1	L2	JOIN
C.C.W.	P1	T4, T5	T1, T8
C.W.	P1	T4, T8	T1, T5

* THIS LEAD MAY BE WHITE

			TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN WLW 08/30/76		
			DEC.	INCHES			CHK WRK 09/24/76		
			.X	±.1			APPD		
08	ALTERNATE T5 LEAD MARKING WAS RED	RLW 8/6/02	.XX	±.01	TITLE	EXTERNAL WIRING DIAGRAM TYPE "K" W/ PROTECTOR	SCALE	1=1	
07	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH	.XXX	MAT'L.	DECAL - 004015	REF		
06	REDRAWN TO CAD	DBT 5/31/02		.XXXX	FINISH		FMF	6K17FB4	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'		PREV		
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			DIST	BRF-NLV			A	005056-03	08