

PRODUCT INFORMATION PACKET

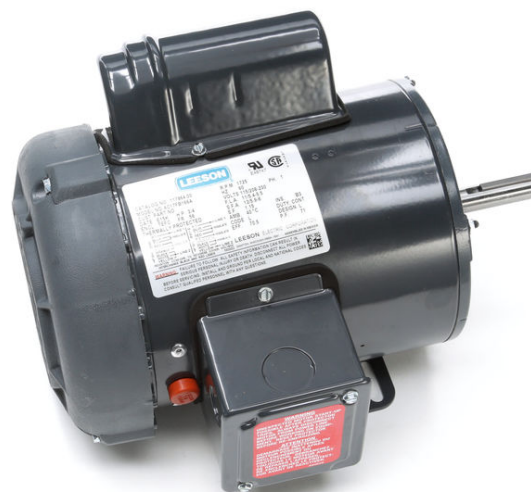
marathon®
Motors

Model No: M009087.00

Catalog No: M009087.00

3/4HP..1725RPM.56.TEFC.115/208-230V.1PH.60HZ.CONT.MANUAL.40C.1.15SF.RIGID.AG - .M6C17FB144-A

Agricultural Motors



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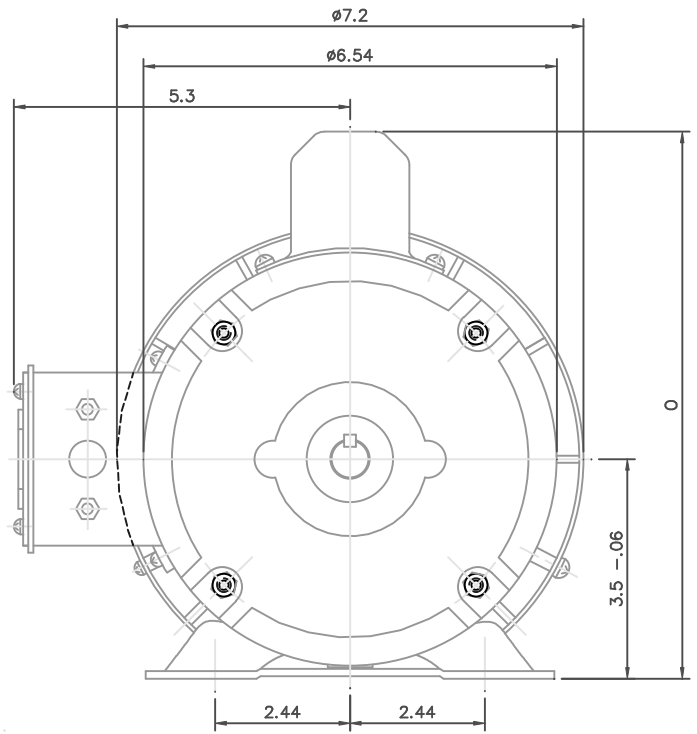
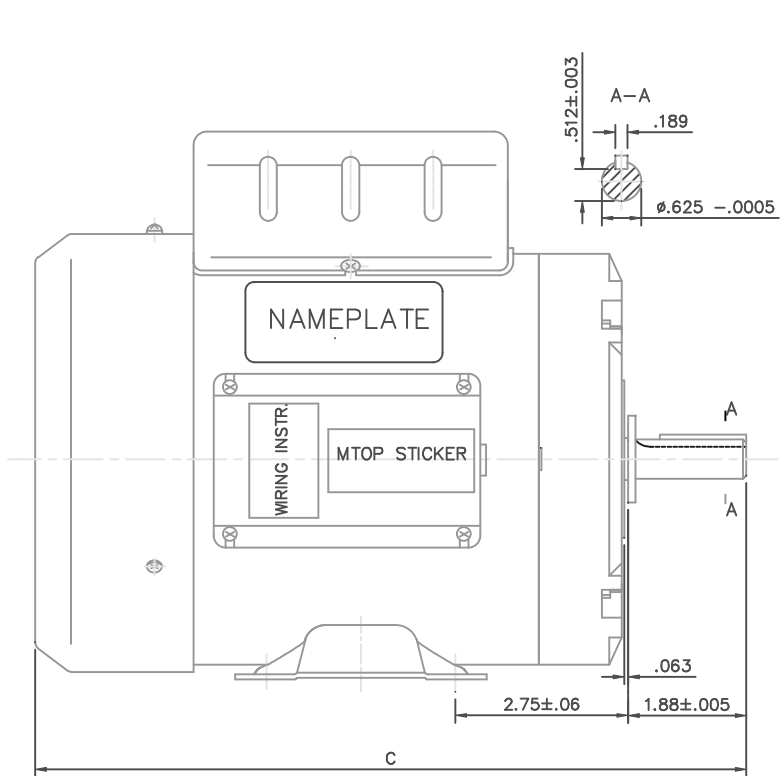
Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	10.0/5.0 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	75 %	Power Factor	65
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	J
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	203	Opp Drive End Bearing Size	203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

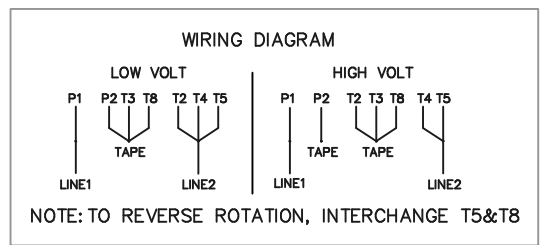
Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	2.301 Ohms	Mounting	Rigid Base
Motor Orientation	Nan	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Assembly/Box Mounting	NAN
Connection Drawing	005003.03	Outline Drawing	169873

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LEESON CAT.NO.	C	O
M002256	11.0	8.4
M009086	12.55	8.4
M009087	11.5	8.8
M009088		8.8

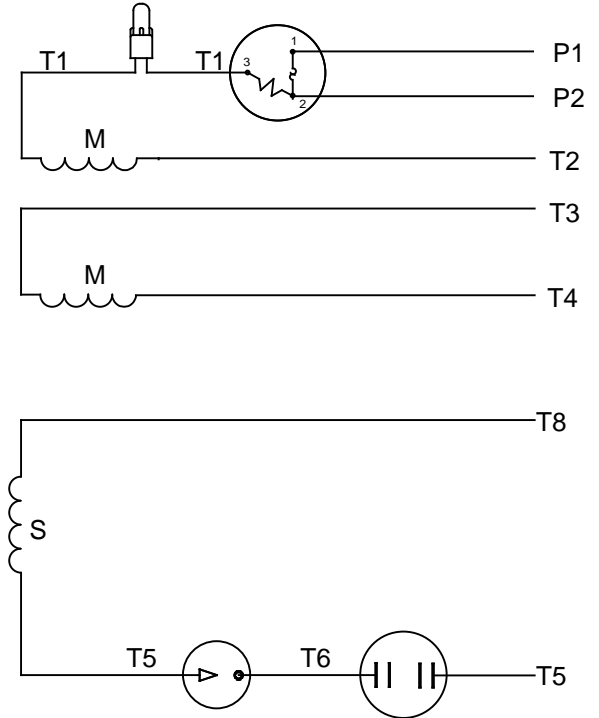


		TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN	RLW 07/23/02			
		DEC.	INCHES			CHK				
		.X	±.1	TITLE		APPD				
		.XX	±.03	OUTLINE		SCALE	1=50			
01	REDRAWN TO CURRENT DIMENSION STANDARDS, EDITED	.XXX	±.005	56 FRAME WITH BASE		REF				
	COLUMN C TO NEW DIMENSION	.XXXX	±.0005	MAT'L		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	169873	SIZE	DRAWING NO.	REV.
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



LINE LEADS



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	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2,T3 T8	P2
	C.W.	P1	T4 T8	T2,T3 T5	P2
LOW VOLT	C.C.W.	P1	T2,T4 T5	P2,T3 T8	---
	C.W.	P1	T2,T4 T8	P2,T3 T5	---

		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN WLV 08/20/79	
		DEC	INCHES			CHK	ADN 08/27/76
		.X	±.1			APPR	WRK 08/27/76
		.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/PROTECTOR		SCALE 1:1	
06	REDRAWN IN SOLIDWORKS	VJB	7/22/2011	.XXX	±.005	REF	
05	REDRAWN ON CAD	DBT	05/27/97	.XXXX	±.0005	FMF	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE OF
THIRD ANGLE PROJECTION		RFP		PREV		SIZE	DRAWING NO
		NETWORK FILE NAME		00500303		A	005003-03
							REV
							06