

# PRODUCT INFORMATION PACKET

Model No: 096050.00

Catalog No: 096050.00

Parallel Shaft Gearmotor, 0.33 HP, 1 Ph, 60 Hz, 115/230 V, 85 RPM, 42Y Frame, TEFC



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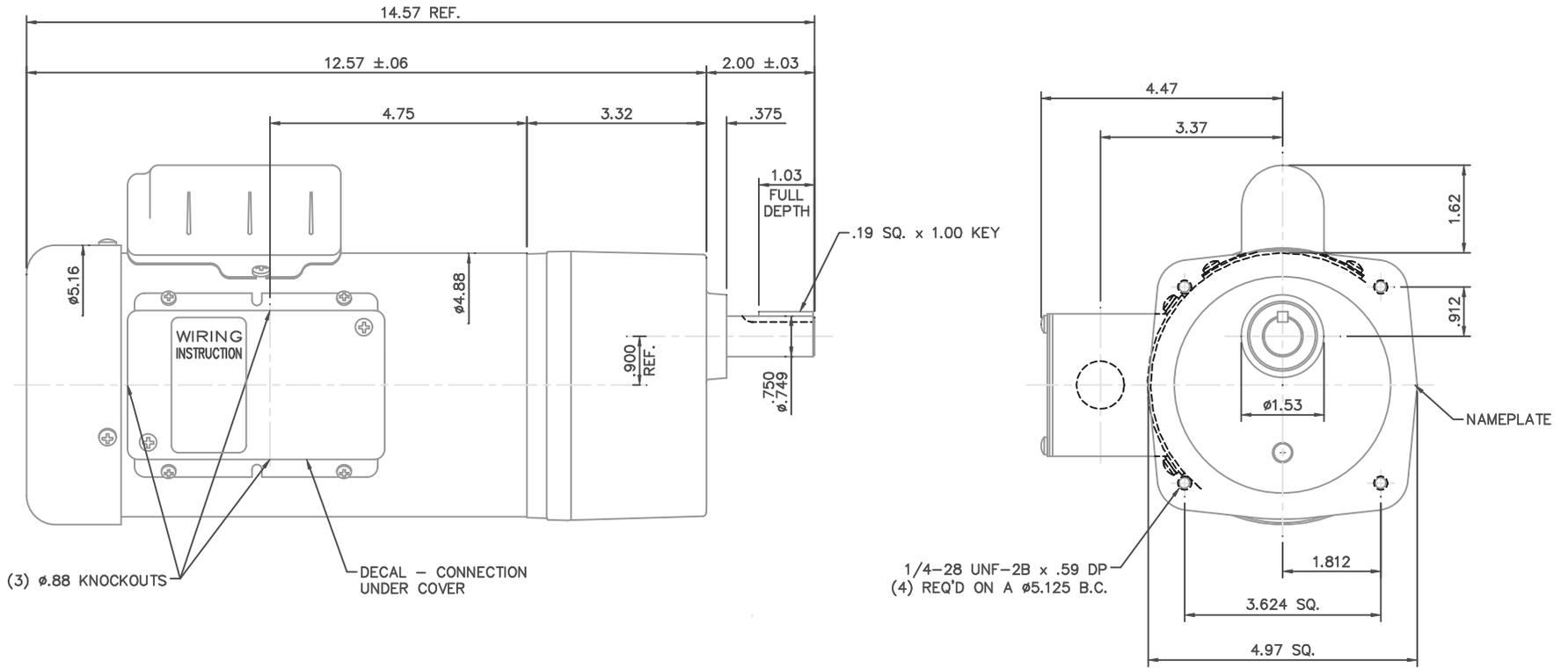
**Nameplate Specifications**

Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>7.2/3.6 A</b>	Speed	<b>85 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>N</b>	KVA Code	<b>M</b>
Frame	<b>42Y</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6203</b>	Opp Drive End Bearing Size	<b>6201</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>N</b>		

**Technical Specifications**

Rotation	<b>Reversible</b>	Mounting	<b>Special</b>
Shaft Type	<b>Parallel</b>	Overall Length	<b>14.57 in</b>
Frame Length	<b>7.50 in</b>	Shaft Diameter	<b>0.750 in</b>
Shaft Extension	<b>1.625 in</b>	Torque	<b>218 LB-IN</b>
Connection Drawing	<b>005312.01</b>	Outline Drawing	<b>027813-096050</b>

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GASKETS THROUGHOUT

CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	RATIO TO 1
096049.00	58	320	1/3	300	30
096050.00	85	218	1/3	300	20
096051.00	173	109	1/3	300	10
096052.00	345	55	1/3	300	5

NO.		REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	CAD FILE		SIZE	DRAWING NO.	REV.
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	03/28/02		CAD FILE	027813	B		027813	
				DIST								



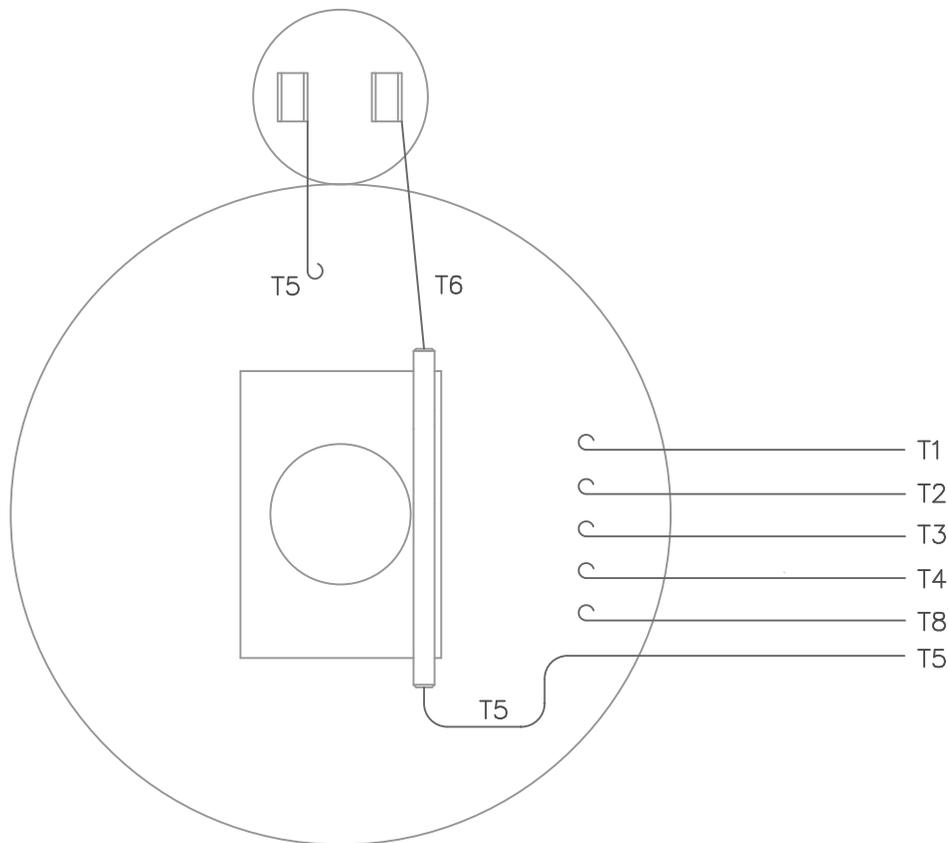
ELECTRIC MOTORS  
GEARMOTORS  
AND DRIVES

DRAWN	KMM 03/28/02
CHK	
APPD	RDW 03/28/02
SCALE	1=2
REF	OL096023
FMF	096049
PREV	

TITLE  
OUTLINE - 42Y FRAME  
TEFC - PE350 GEARMOTOR

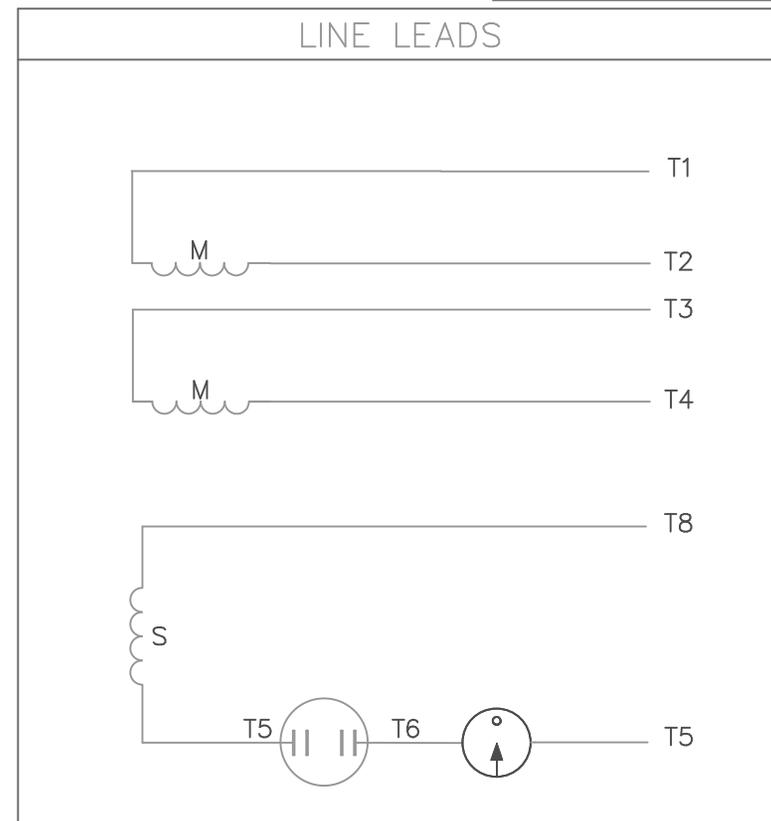
TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



ALL CONNECTIONS ON STATIONARY SWITCH ARE SOLDERED

GEARMOTORS  
2-STAGE REF. DECAL 004012  
3-STAGE REF. DECAL 081062



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4 T5	T2, T3 T8
	C.W.	T1	T4 T8	T2, T3 T5
LOW VOLT	C.C.W.	T1, T3 T8	T2, T4 T5	---
	C.W.	T1, T3 T5	T2, T4 T8	---

NO.	REVISION	BY	DATE	FRACTIONS	± 1/64
06	ADDED GEARMOTOR NOTE	KMM	04/04/02	TOLERANCES UNLESS OTHERWISE SPECIFIED	
05	UPDATED TO CURRENT STANDARDS	MDN	2/16/00		
04	ADDED PAGE 6	PG	4/5/94	DECIMALS	
03	ADDED PAGE 4 AND 5	MJS	4/7/93	.00	± .01
02	CHANGED TO SOLDERED LEADS	KAZ	7/2/92	.000	± .005
01	ADDED PAGE 2 AND 3	DLL	8/23/90	.0000	± .0005
				ANGLES	± 1/2°
				INCH/MM	

**LEESON** ELECTRIC CORPORATION

EXT. WIRING DIAGRAM  
TYPE "C" W/O PROTECTOR

42 - FRAME  
DECAL - 004012

FINISH STANDARD

SIZE A

DRAWING NO. 005312-01

REF. 005005-19

FMF