

# PRODUCT INFORMATION PACKET



Model No: C42C17FZ5B

Catalog No: 096050.00

1/3 HP...1725 RPM.42Y.TEFC.115/230V AC.1 PH.60 HZ.CONT...40 C..SPECIAL.AC GEARMOTORS SUB-FHP.C42C17FZ5B

PE350 Series



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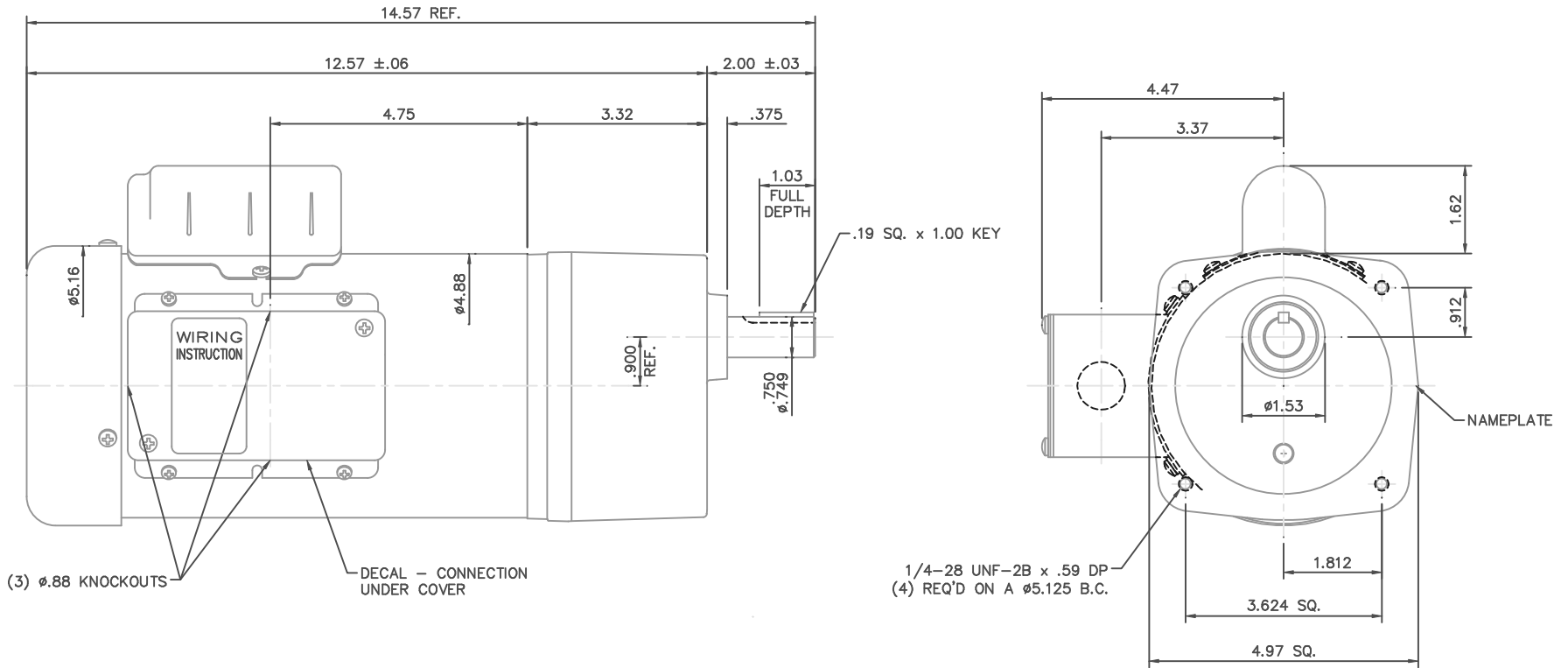
### Nameplate Specifications

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>
Overload Protector	<b>No</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>		
Outline Drawing	<b>027813-096050</b>	Connection Diagram	<b>005312.01</b>

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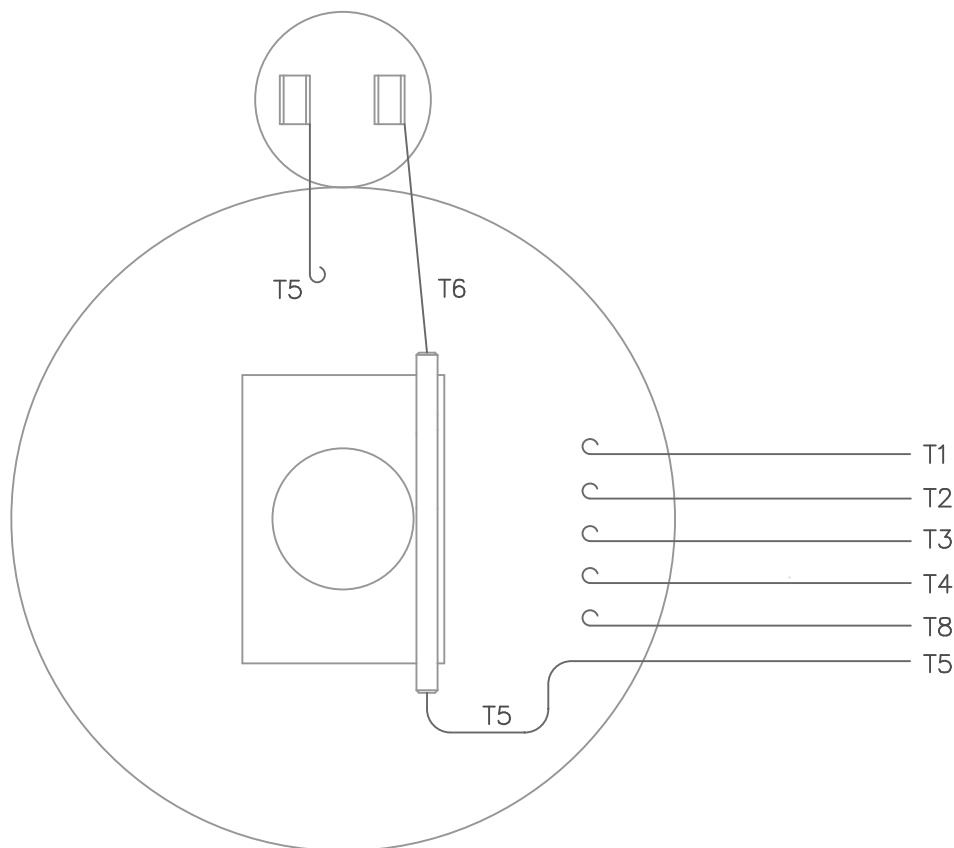


GASKETS THROUGHOUT

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

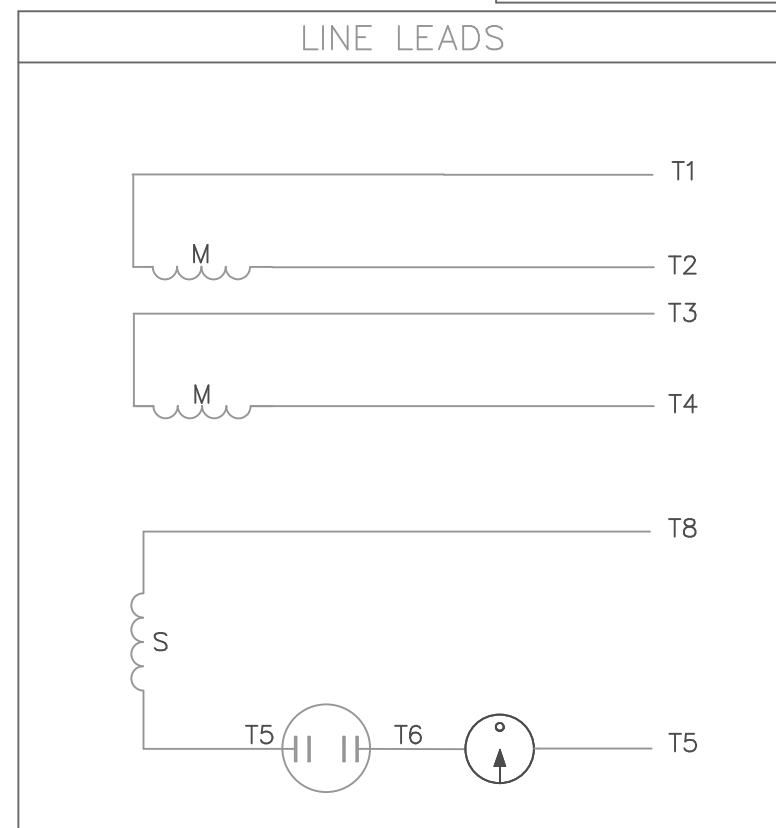
NO.		REVISION	BY & DATE	CHK	ANG	FINISH	PREV																														
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	03/28/02	CAD FILE	027813																														
				DIST																																	
<table border="0"> <tr> <td style="text-align: center;"><b>LEESON</b></td> <td>ELECTRIC MOTORS GEARMOTORS AND DRIVES</td> <td>DRAWN</td> <td>KMM 03/28/02</td> </tr> <tr> <td colspan="2"></td> <td>CHK</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>APPD</td> <td>RDW 03/28/02</td> </tr> <tr> <td colspan="2"></td> <td>SCALE</td> <td>1=2</td> </tr> <tr> <td colspan="2"></td> <td>REF</td> <td>OL096023</td> </tr> <tr> <td colspan="2"></td> <td>FMF</td> <td>096049</td> </tr> <tr> <td colspan="2"></td> <td>PREV</td> <td></td> </tr> </table>							<b>LEESON</b>	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	KMM 03/28/02			CHK				APPD	RDW 03/28/02			SCALE	1=2			REF	OL096023			FMF	096049			PREV		SIZE	DRAWING NO.	REV.
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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

SCALE: 1=1

REF. 005005-19

FMF