

PRODUCT INFORMATION PACKET



Model No: C42C17FZ6B

Catalog No: 096051.00

1/3 HP...1725 RPM.42Y.TEFC.115/230V AC.1 PH.60 HZ.CONT...40 C..SPECIAL.AC GEARMOTORS SUB-FHP.C42C17FZ6B.S

PE350 Series



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E





Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115/230 V
Current	7.2/3.6 A	Speed	173 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	F
Design Code	N	KVA Code	M
Frame	42Y	Enclosure	Totally Enclosed Fan Cooled
Overload Protector	No	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6201
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

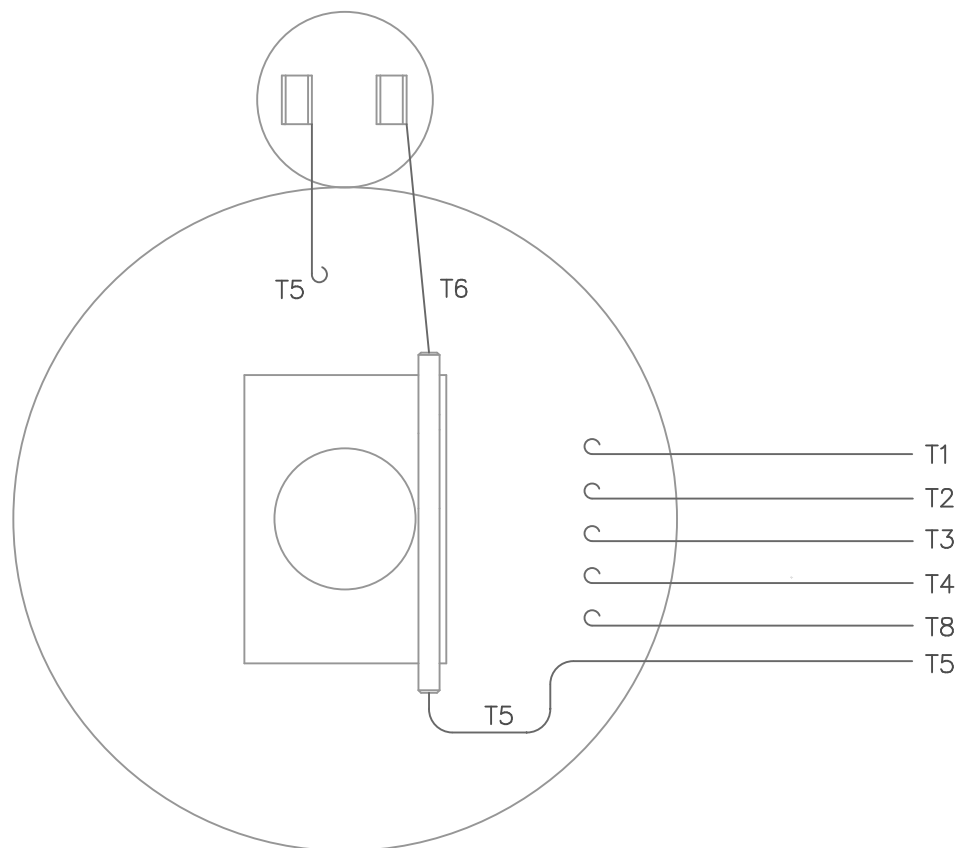
Rotation	Reversible	Mounting	Special
Shaft Type	Parallel	Overall Length	14.57 in
Frame Length	7.50 in	Shaft Diameter	0.750 in
Shaft Extension	1.625 in		
Outline Drawing	027813-096051	Connection Diagram	005312.01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 10/15/2018

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

3 of 4

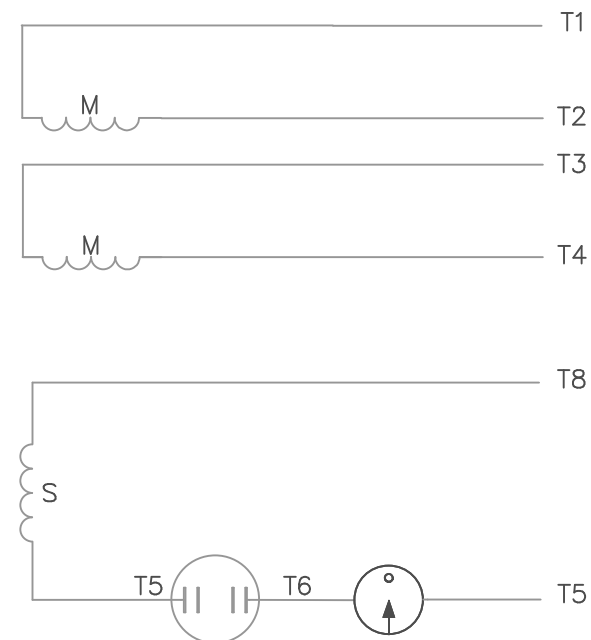
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

ALL CONNECTIONS ON
 STATIONARY SWITCH
 ARE SOLDERED

LINE LEADS



	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	---

06	ADDED GEARMOTOR NOTE	KMM	04/04/02	TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION	
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	DRAWN GS 8/14/89	TITLE EXT. WIRING DIAGRAM
02	CHANGED TO SOLDERED LEADS	KAZ	7/2/92	.000	± .005	CH'K'D. DLL 8/22/89	TYPE "C" W/O PROTECTOR
01	ADDED PAGE 2 AND 3	DLL	8/23/90	.0000	± .0005	APPR. DJW 8/22/89	MAT'L. 42 - FRAME
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1	DECAL - 004012
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. 005005-19	FINISH
				INCH/MM		FMF	STANDARD
							SIZE A
							DRAWING NO. 005312-01