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



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Nameplate Specifications

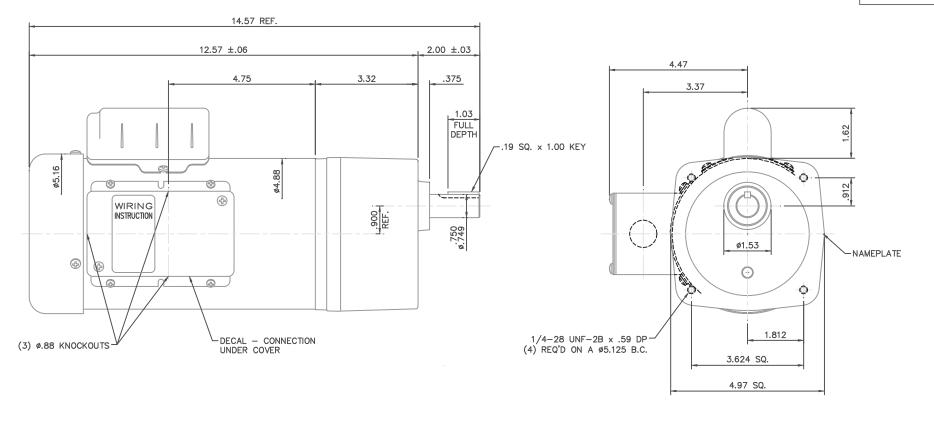
Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115/230 V
Current	7.2/3.6 A	Speed	173 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	F
Design Code	N	KVA Code	М
Frame	42Y	Enclosure	Totally Enclosed Fan Cooled
Overload Protector	No	Ambient Temperature	40 °C
Drive End Bearing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

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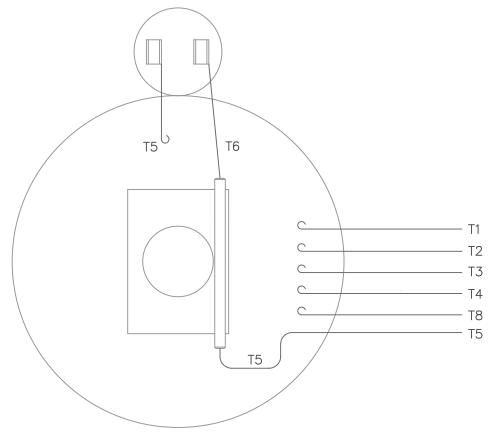
GASKETS THROUGHOUT

CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LBIN.	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

_												
				UNLES	ERANCES S SPECIFIED			ELECTRIC MO	TORS DR	AWN	KMM 03/2	8/02
				DEC.	INCHES] ((LEESON)	GEARMOTOF		IK		
				.x	±.1] '		AND DRIVE	ES AP	PD	RDW 03/28	3/02
				.xx	±.03	TITLE	OUTLINE -	42Y FRAME	sc	ALE	1=2	
				.xxx	±.005		TEFC - PE35	50 GEARMOTOF	₹ RE	F	OL096023	5
				.xxxx	±.0005	MAT'L.			FM	IF	096049	
NO	. REVISION	BY & DATE	СНК	ANG	±1/2°	FINISH			PR	EV		
Г	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE		RFP	0	3/28/02	CAD FIL	E 027813	SIZE	DRAWING NO.			REV.
IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT								B	027	781	3	

005312-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



ALL CONNECTIONS ON STATIONARY SWITCH ARE SOLDERED

	LIN	E LEADS)	
				– T1
	M			– T2
				— ТЗ
				– T4
				– T8
\{\bar{\}}	S			
	T5 (II I	T6 (_ T5
	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH	C.C.W.	T1	T4 T5	T2,T3 T8
VOLT	C.W.	T1	T4 T8	T2,T3 T5
LOW	C.C.W.	T1,T3 T8	T2,T4 T5	
VOLT	C.W.	T8 T1,T3 T5	T2,T4 T8	

STANDARD

06	ADDED GEARMOTOR NOTE	KMM	04/04/02	TOLERANCES UNLESS			
05	UPDATED TO CURRENT STANDARDS	MDN	2/16/00	OTHERWISE SPECIFIED	LEESON	FIFCTRIC	CORPORATION
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 TYPE "C" W/O PROTECTOR 02 CHANGED TO SOLDERED LEADS KAZ 7/2/92 .000 ± .005 CH'K'D. DLL 8/22/89 01 ADDED PAGE 2 AND 3 DLL 8/23/90 .0000 ± .0005 APPR. DJW 8/22/89 MAT'L. 42 - FRAME DECAL - 004012 NO. REVISION DATE **FRACTIONS** ± 1/64 SCALE 1=1 THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK DRAWING NO. **ANGLES** ± 1/2° REF. 005005-19 FINISH SIZE

INCH/MM

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GEARMOTORS

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