

PRODUCT INFORMATION PACKET

Model No: 096051.00

Catalog No: 096051.00

Parallel Shaft Gearmotor, 0.33 HP, 1 Ph, 60 Hz, 115/230 V, 173 RPM, 42Y Frame, TEFC



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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	M
Frame	42Y	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6201
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

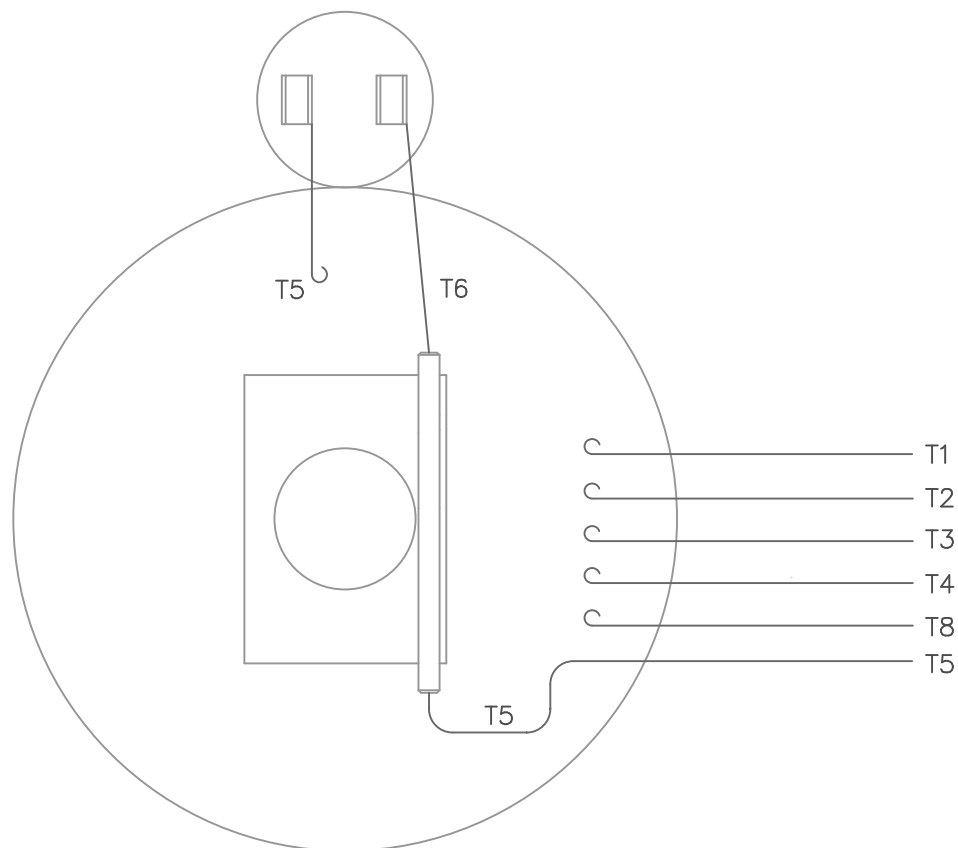
Rotation	Reversible	Mounting	Special
Shaft Type	Parallel	Overall Length	14.57 in
Frame Length	7.50 in	Shaft Diameter	0.750 in
Shaft Extension	1.625 in	Torque	109 LB-IN
Outline Drawing	027813-096051	Connection Drawing	005312.01

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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

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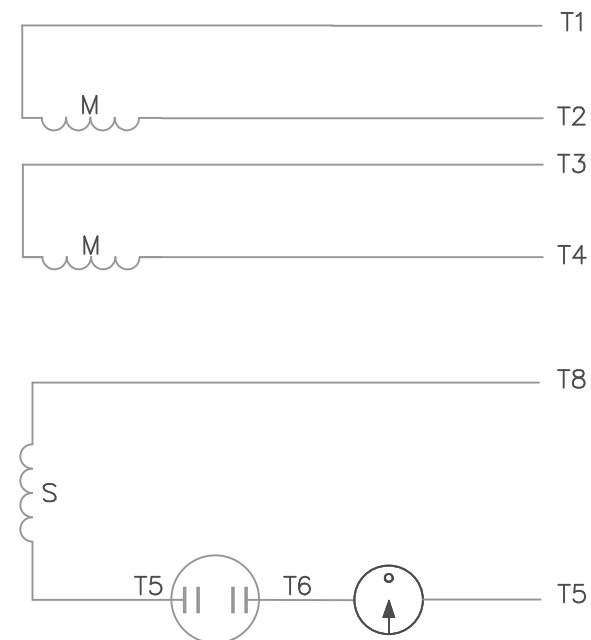
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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		EXT. WIRING DIAGRAM TYPE "C" W/O PROTECTOR	
03	ADDED PAGE 4 AND 5	MJS	4/7/93	.00	± .01		
02	CHANGED TO SOLDERED LEADS	KAZ	7/2/92	.000	± .005	42 - FRAME DECAL - 004012	
01	ADDED PAGE 2 AND 3	DLL	8/23/90	.0000	± .0005		
NO.	REVISION	BY	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 ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED				ANGLES	± 1/2°	REF.	005005-19
				INCH/MM		FMF	
				FINISH		SIZE	DRAWING NO.
				STANDARD		A	005312-01