

PRODUCT INFORMATION PACKET

Model No: 096002.00

Catalog No: 096002.00

Parallel Shaft Gearmotor, 0.08 HP, 1 Ph, 60/50 Hz, 110 V, 14 RPM, L42Y Frame, TENV



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Nameplate Specifications

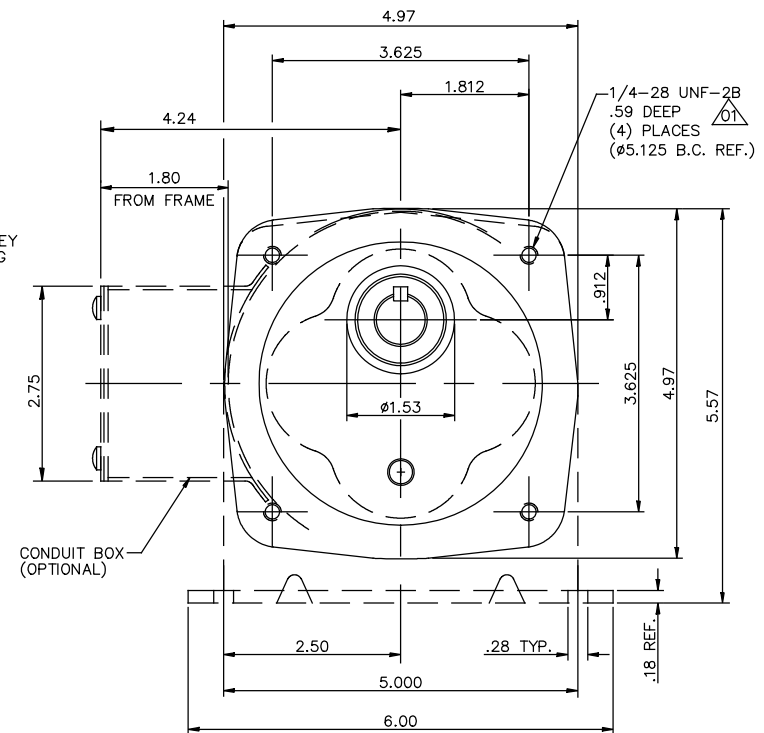
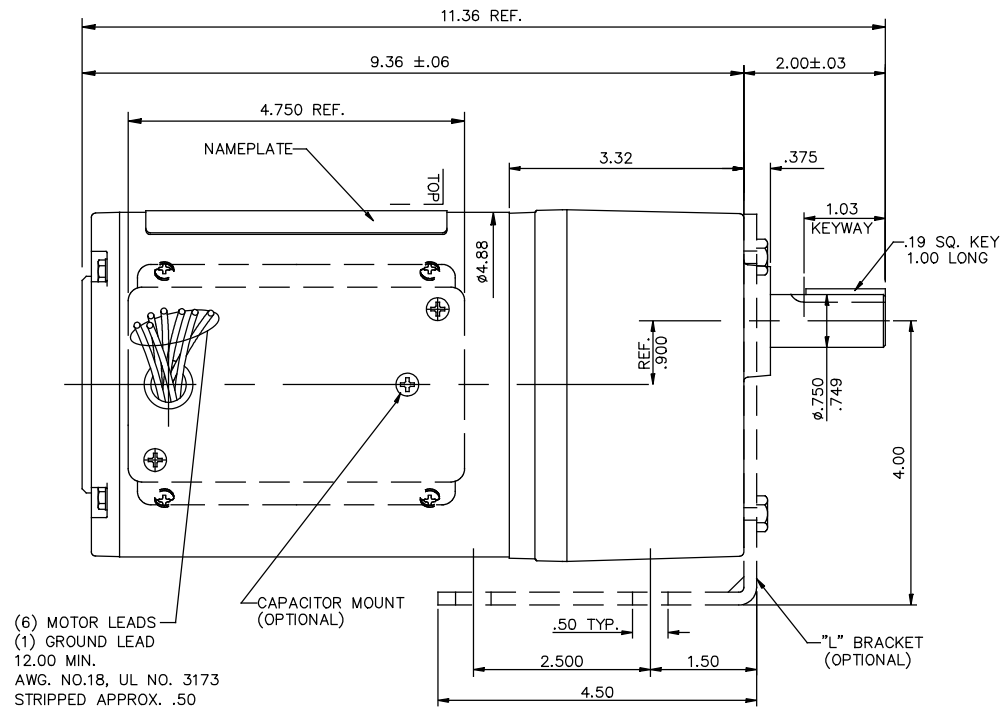
Output HP	0.08 Hp	Output KW	0.06 kW
Frequency	60/50 Hz	Voltage	110 V
Current	1.3/0.65 A	Speed	14 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	F
KVA Code	G	Frame	L42Y
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Ambient Temperature	40 °C	Drive End Bearing 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	11.36 in
Frame Length	5.50 in	Shaft Diameter	0.750 in
Shaft Extension	1.625 in	Torque	330 LB-IN
Outline Drawing	027690-096002	Connection Drawing	005108.05

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027690

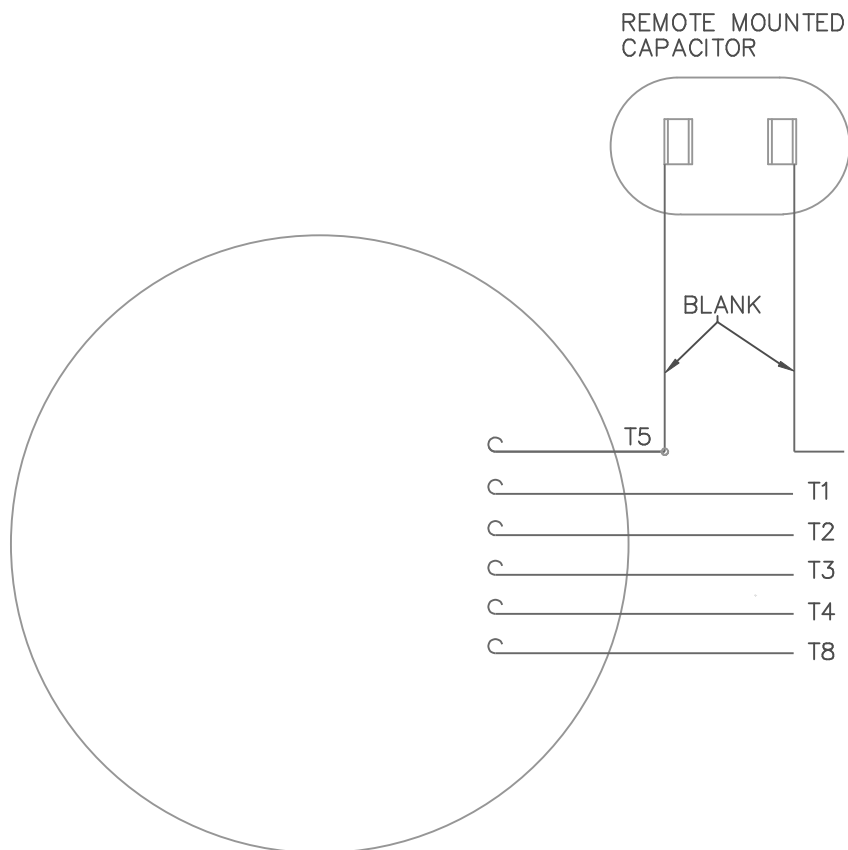


CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	RATIO TO 1
096000.00	5	310	1/12	565	336
096001.00	9	341	1/12	491	180
096002.00	14	280	1/12	459	124
096003.00	19	250	1/12	374	91

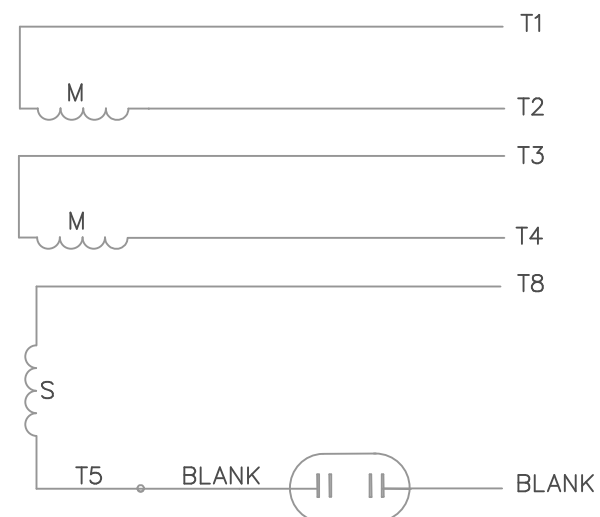
				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION			
				DECIMALS					
				.00	± .01	DRAWN DWG 7/14/97		TITLE	
				.000	± .005	CH'KD.		OUTLINE DRAWING	
01	THREAD DEPTH WAS .63"			JD	06/06/17	.0000	± .0005	42 FRAME PE350 STOCK	
NO.	REVISION			BY	DATE	FRACTIONS	± 1/64	MAT'L	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK						ANGLES		REF. 027689	
ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED						INCH/MM		FINISH LEESON	
						FIMF 096000.00		B STOCK	
								DRAWING NO. 027690	

005108-05

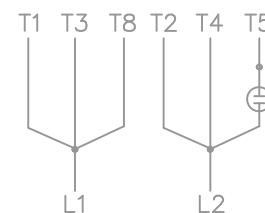
VIEW FROM OUTSIDE OF MOTOR AT LEAD END.



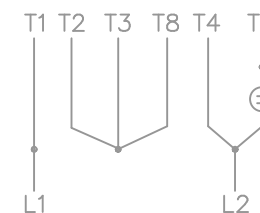
LINE LEADS



LOW VOLTAGE



HIGH VOLTAGE



2 STAGE:
C.C.W. ROTATION FACING LEAD END AS SHOWN
INTERCHANGE LEADS T5 & T8 FOR C.W.

3 STAGE:
CW ROTATION FACING LEAD END AS SHOWN
INTERCHANGE LEADS T5 & T8 FOR CCW

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION					
				DECIMALS							
				.00	± .01	DRAWN DBT 07/21/97	TITLE EXTERNAL WIRING DIAGRAM TYPE "P" W/O PROTECTOR				
				.000	± .005	CH'K'D.					
				.0000	± .0005	APPR.	MAT'L TAG - 080689.02 - 2 STAGE TAG - 080689.01 - 3 STAGE				
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. 005018-01	FINISH	LEESON	SIZE	DRAWING NO.
					INCH/MM		FMF	GEARMOTORS	A	005108-05	