

# PRODUCT INFORMATION PACKET



Model No: 096005.00

Catalog No: 096005.00

Parallel Shaft Gearmotor, 0.16 HP, 1 Ph, 60 Hz, 110 V, 34 RPM, P42Y Frame, TEFC



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**Nameplate Specifications**

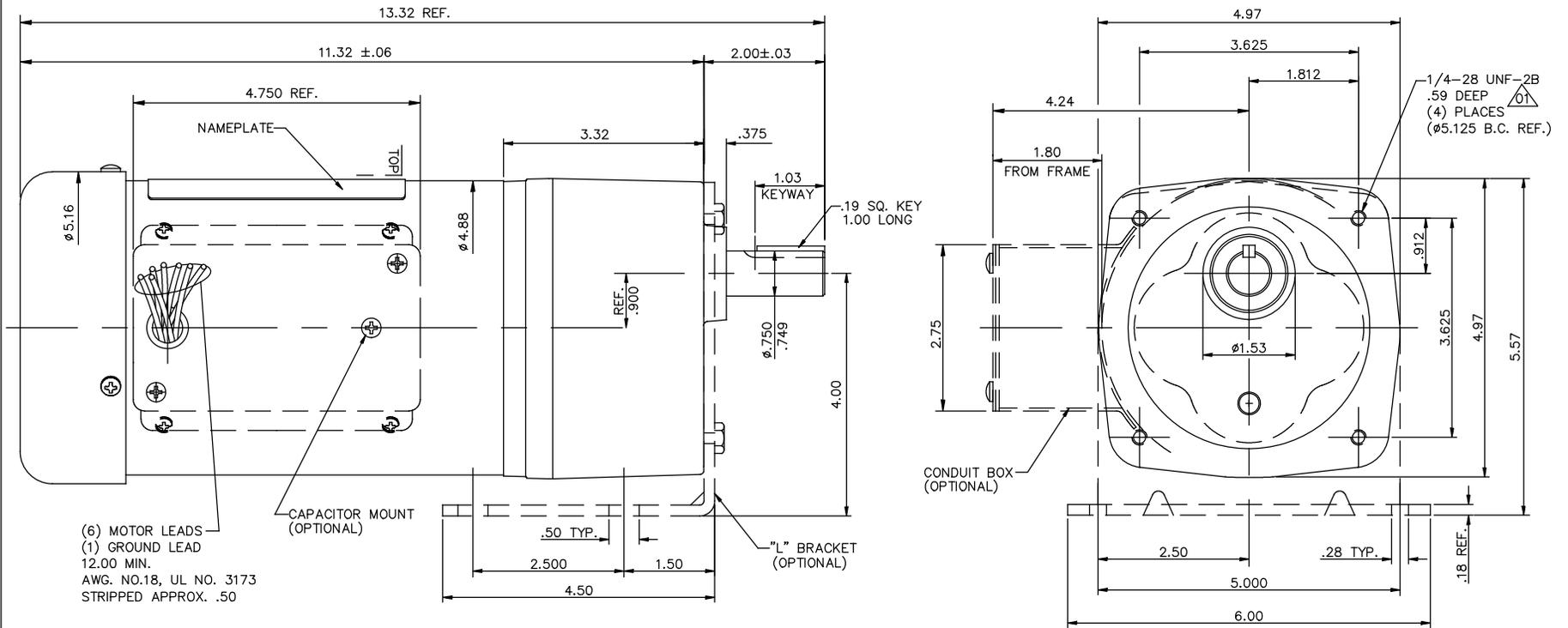
Phase	1	Output HP	0.16 Hp
Output KW	0.12 kW	Voltage	110 V
Speed	34 rpm	Service Factor	1.0
Frame	P42Y	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	40.2 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	2.9/1.5 A	Power Factor	66.9&55.2
Duty	Continuous	Insulation Class	F
KVA Code	H	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	13.32 in
Frame Length	6.25 in	Shaft Diameter	0.750 in
Shaft Extension	1.625 in	Torque	250 LB-IN
Outline Drawing	027689-096005	Connection Drawing	005108.05

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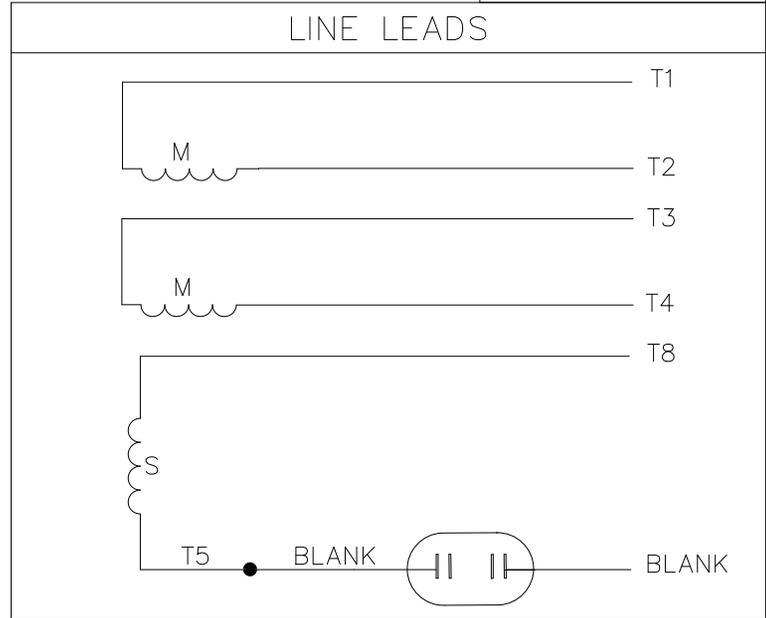
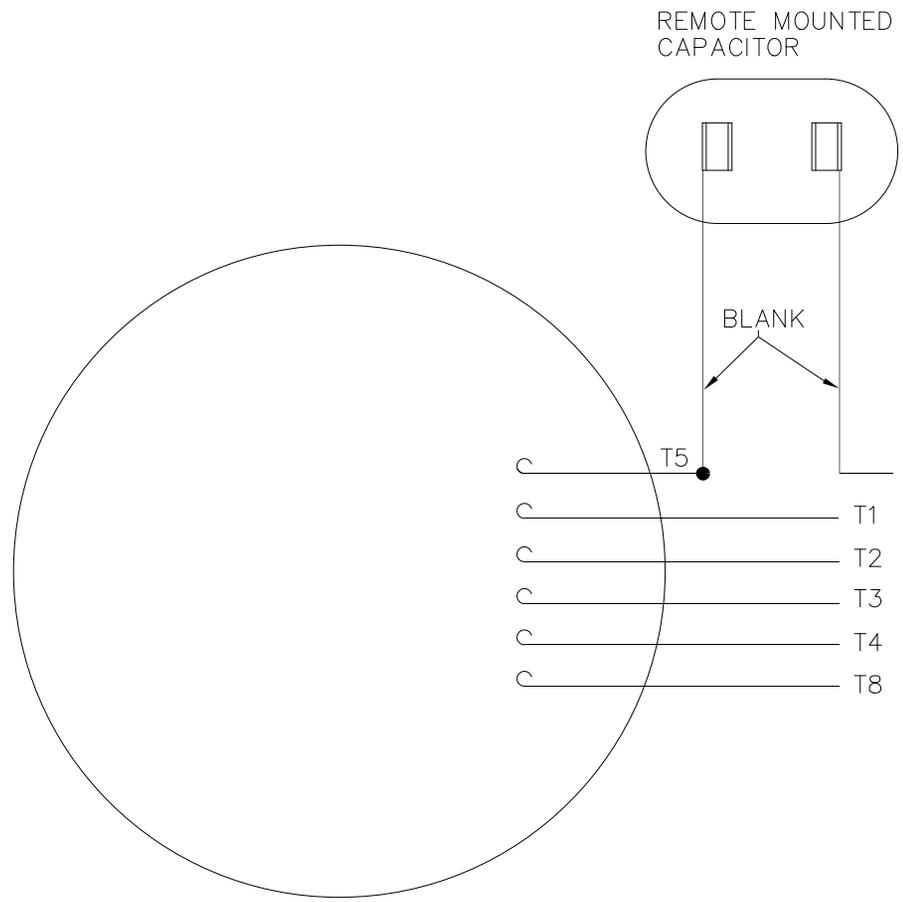
027689



CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	RATIO TO 1
096004.00	29	270	1/6	327	58
096005.00	34	250	1/6	330	50
096006.00	40	180	1/6	303	43
096007.00	59	135	1/6	267	29
096008.00	75	90	1/6	256	23
096009.00	113	68	1/6	222	15
096010.00	160	45	1/6	196	10
096011.00	340	25	1/6	190	5

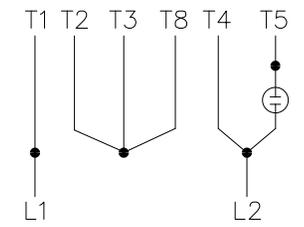
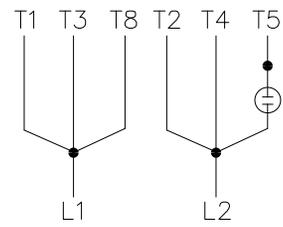
				TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>LEESON ELECTRIC CORPORATION</b>					
				DECIMALS		DRAWN DWF 7/14/97					
						CH'K'D.					
						APPR.					
						TITLE					
						OUTLINE DRAWING					
						42 FRAME PE350 STOCK					
						MAT'L					
NO.	REVISION	BY	DATE	FRACTIONS	SCALE	1=1.5					
01	THREAD DEPTH WAS .63"	JD	06/06/17	.0000	± .0005						
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. PR970359	FINISH	LEESON	SIZE	B	DRAWING NO.
				INCH/MM		FMF 092141.00	STOCK			027689	

VIEW FROM OUTSIDE OF MOTOR AT LEAD END.



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		<b>Regal Beloit America, Inc.</b>	
				DECIMALS			
				.00	± .01	DRAWN DBT 07/21/97	TITLE
				.000	± .005	CH'K'D.	EXTERNAL WIRING DIAGRAM TYPE "P" W/O PROTECTOR
01	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG	09/17/2024	.0000	± .0005	APPR.	MAT'L. TAG - 080689.02 - 2 STAGE
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1	TAG - 080689.01 - 3 STAGE
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
				INCH/MM		FMF	GEARMOTORS