

PRODUCT INFORMATION PACKET

Model No: 096004.00

Catalog No: 096004.00

Parallel Shaft Gearmotor, 0.16 HP, 1 Ph, 60/50 Hz, 110 V, 29 RPM, P42Y Frame, TEFC



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Nameplate Specifications

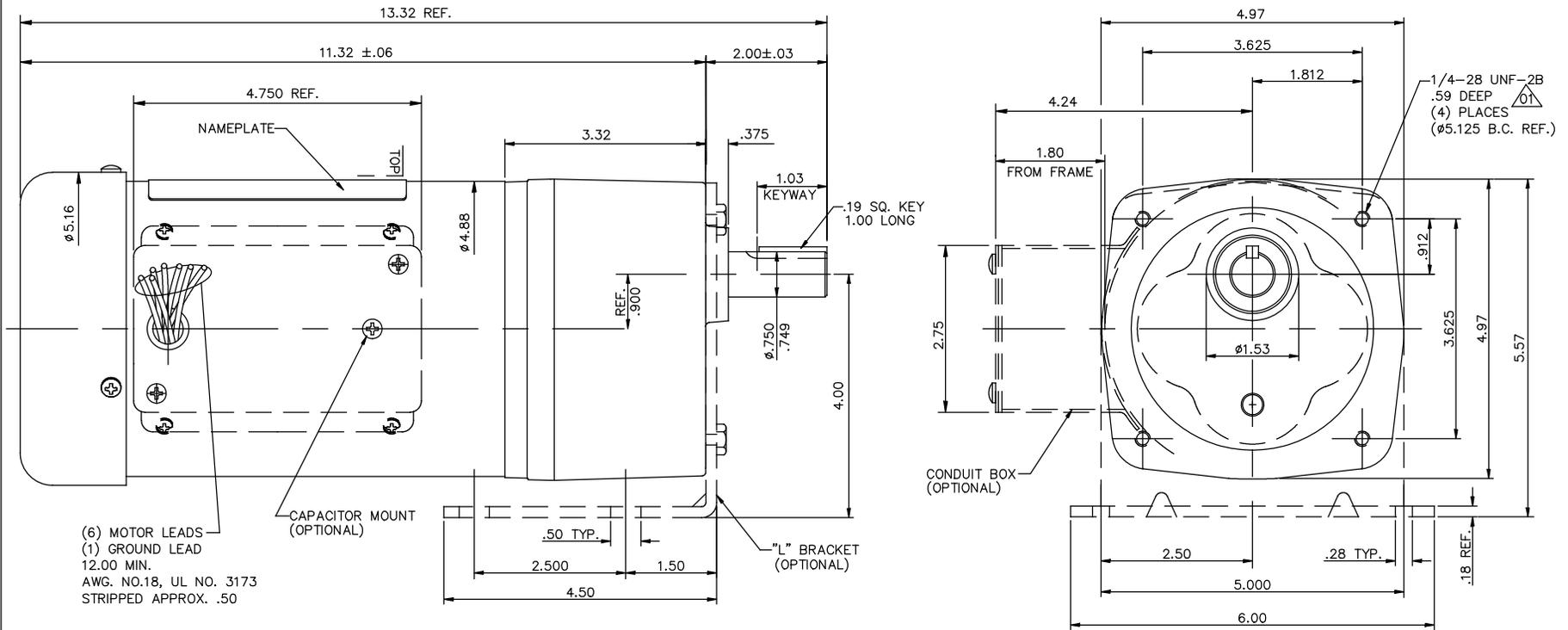
Output HP	0.16 Hp	Output KW	0.12 kW
Frequency	60/50 Hz	Voltage	110 V
Current	2.9/1.5 A	Speed	29 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	F
KVA Code	H	Frame	P42Y
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6201	UL	Recognized
CSA	Y	CE	N

Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Parallel	Overall Length	13.32 in
Frame Length	6.25 in	Shaft Diameter	0.750 in
Shaft Extension	1.625 in	Torque	270 LB-IN
Outline Drawing	027689-096004	Connection Drawing	005108.05

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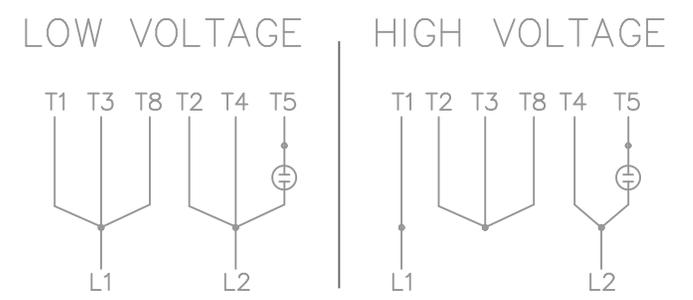
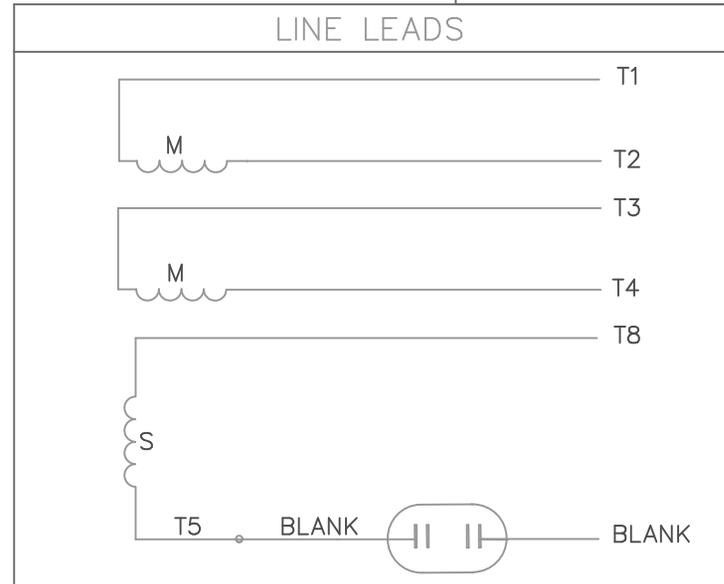
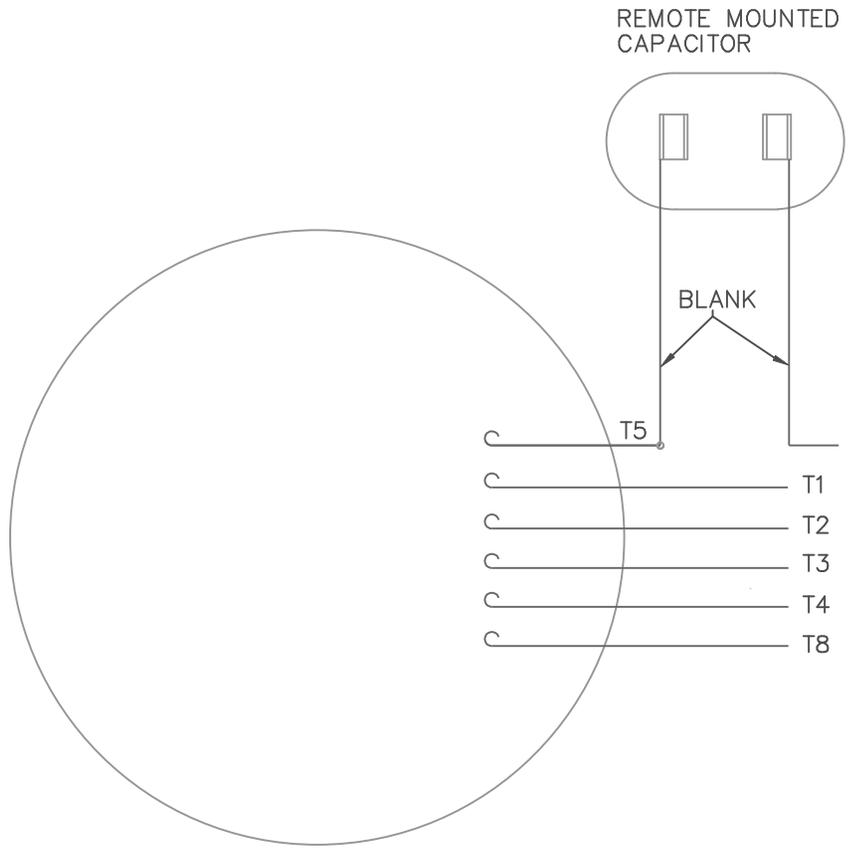


(6) MOTOR LEADS
 (1) GROUND LEAD
 12.00 MIN.
 AWG. NO.18, UL NO. 3173
 STRIPPED APPROX. .50

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		LEESON ELECTRIC CORPORATION					
				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.



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			
				.000	± .005	CH'K'D.	EXTERNAL WIRING DIAGRAM TYPE "P" W/O PROTECTOR			
				.0000	± .0005	APPR.	MAT'L.			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE	TAG - 080689.02 - 2 STAGE 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.	FINISH		SIZE	DRAWING NO.
				INCH/MM		FMF	GEARMOTORS		A	005108-05