

# PRODUCT INFORMATION PACKET

Model No: 107033.00

Catalog No: 107033.00

Parallel Shaft Gearmotor, 0.50 HP, 3 Ph, 60 Hz, 41 RPM, 48Y Frame, TEFC



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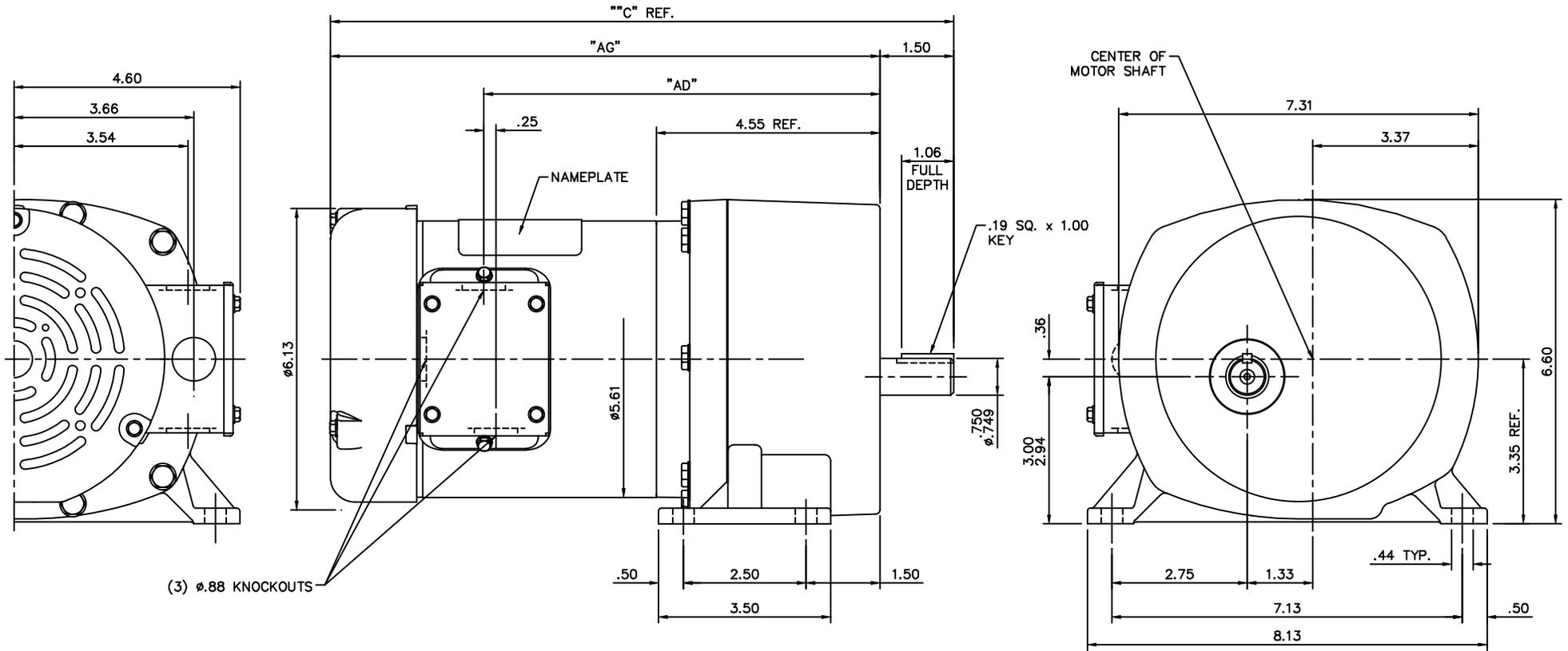
**Nameplate Specifications**

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Current	<b>2.0/1.0 A</b>
Speed	<b>41 rpm</b>	Service Factor	<b>1.15</b>
Phase	<b>3</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	KVA Code	<b>K</b>
Frame	<b>48Y</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6203</b>	Opp Drive End Bearing Size	<b>6203</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>N</b>		

**Technical Specifications**

Rotation	<b>Reversible</b>	Mounting	<b>Special</b>
Shaft Type	<b>Parallel</b>	Overall Length	<b>13.42 in</b>
Frame Length	<b>5.50 in</b>	Shaft Diameter	<b>0.750 in</b>
Shaft Extension	<b>1.5 in</b>	Torque	<b>700 LB-IN</b>
Connection Drawing	<b>005010.01</b>	Outline Drawing	<b>031837-550</b>

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(3)  $\phi .88$  KNOCKOUTS

GEARBOX RATIO	H.P.	CATALOG NUMBER	OUTLINE DASH NO.
95:1	1/3	107025.00	500
66:1	1/3	107026.00	500
42:1	1/3	107027.00	500
29:1	1/3	107028.00	500
19:1	1/3	107029.00	500
11:1	1/3	107030.00	500
6:1	1/3	107031.00	500
79:1	1/2	107032.00	550
42:1	1/2	107033.00	550
29:1	1/2	107034.00	550
19:1	1/2	107035.00	550
13:1	1/2	107036.00	550
6:1	1/2	107037.00	550

OUTLINE DASH NO.	"C"	"AG"	"AD"
500	12.92	11.42	8.31
550	13.42	11.92	8.81

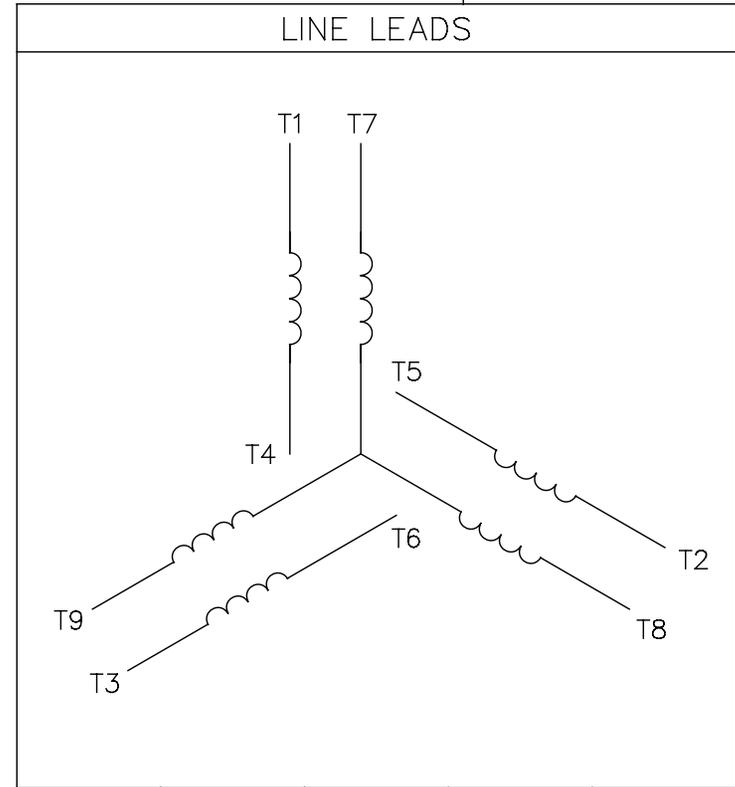
GASKETS THROUGHOUT

NO.		REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	PG 11/28/05	
						DEC. INCHES			CHK	
						.X $\pm .1$		APPD		
						.XX $\pm .03$	TITLE	SCALE	1=2	
						.XXX $\pm .005$	OUTLINE - 48 FRAME TEFC GEARMOTOR	REF	031259	
						.XXX $\pm .0005$	MAT'L	FMF	107025.00	
							3 PHASE	PREV		
							FINISH	STANDARD		
							CAD FILE	031837	SIZE	DRAWING NO.
								B	031837	REV.

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005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		<b>REGAL</b> ™ <b>Regal Beloit America, Inc.</b>		DRAWN RDW 04/12/02			
				DEC.	INCHES			CHK			
				.X	±.1			APPD			
				.XX	±.01			SCALE 1=1			
				.XXX	±.005	TITLE		REF FIG.2-51			
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV			
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				DIST	BRF-NLV			A	005010-01	A	