



A Regal Brand

Catalog # : 107027.00
 Product Type: ACSG
 Description:

Model: 107027.00
 Stock: Y

Engineering Data

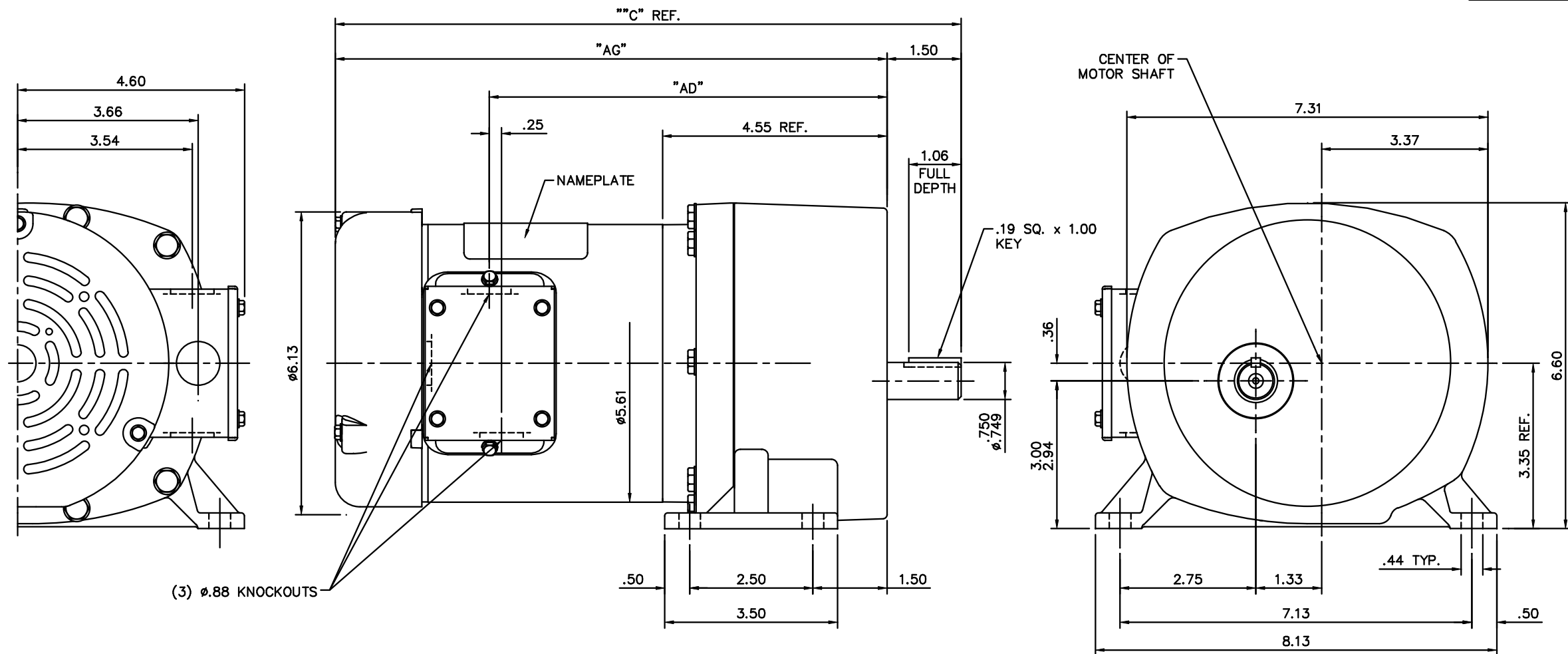
RPM	41	Volts		Volts	
HP/KW	.33	F.L. Amps		F.L. Amps	1.6/.8
Frame	48Y	S. F Amps		S. F Amps	1.7/.85
Max Amb	40	Hertz		Phase	3
Insul Class	F4	Duty	CONT	TYPE	TF
		Serv. Factor	1.15	PF	
Eff 100%		Eff 75%		Enclosure	TEFC
Protection	NOT	Therm.Prot.		Bearing OPE	6203
Design		Code	L	Bearing PE	6203
UL	Yes	CSA	Yes	CE	No
Series	P1100	Nameplate	080573	Lubrication	
		Overrlung Ld.	650	Shaft Type	PARALLEL

Motor Wt.	33 LB	Mounting	SPECIAL	Rotation	RECONN
Carton Label	Leeson GearMotor	Assembly			
Winding	T5542	Shaft Dia.	3/4	Ext. Diag2.	
GROUP :	3 H	Paint	M1305027.01	Packaging	B
Test Card	02	Outline	031837-500	Cust Part No	

Form Factor		RMS Amps	
Torque		Peak	
AB Code		Peak@DegC	
Resistance			
Connection		Const Torque	

Rework Status Rework TYPE

4Explosion Proof		2Brake Motors
Temp Op Code		FORCE
Class	GROUP	VDC
Class	GROUP	ADC



(3) ø.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

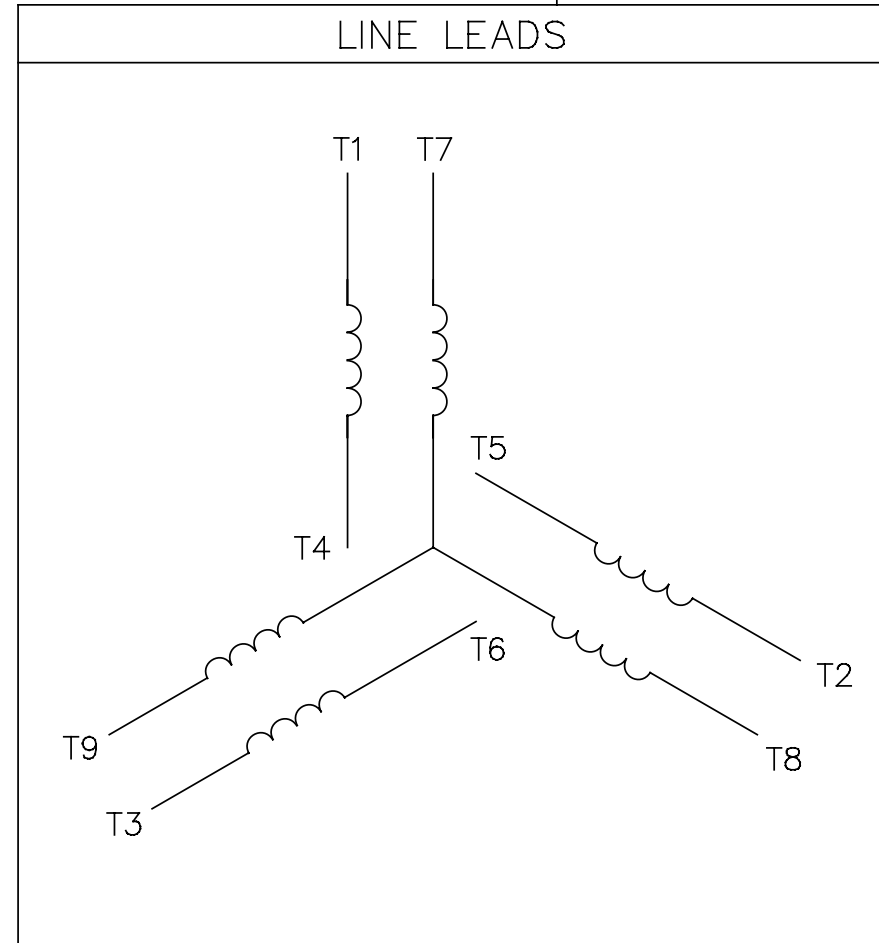
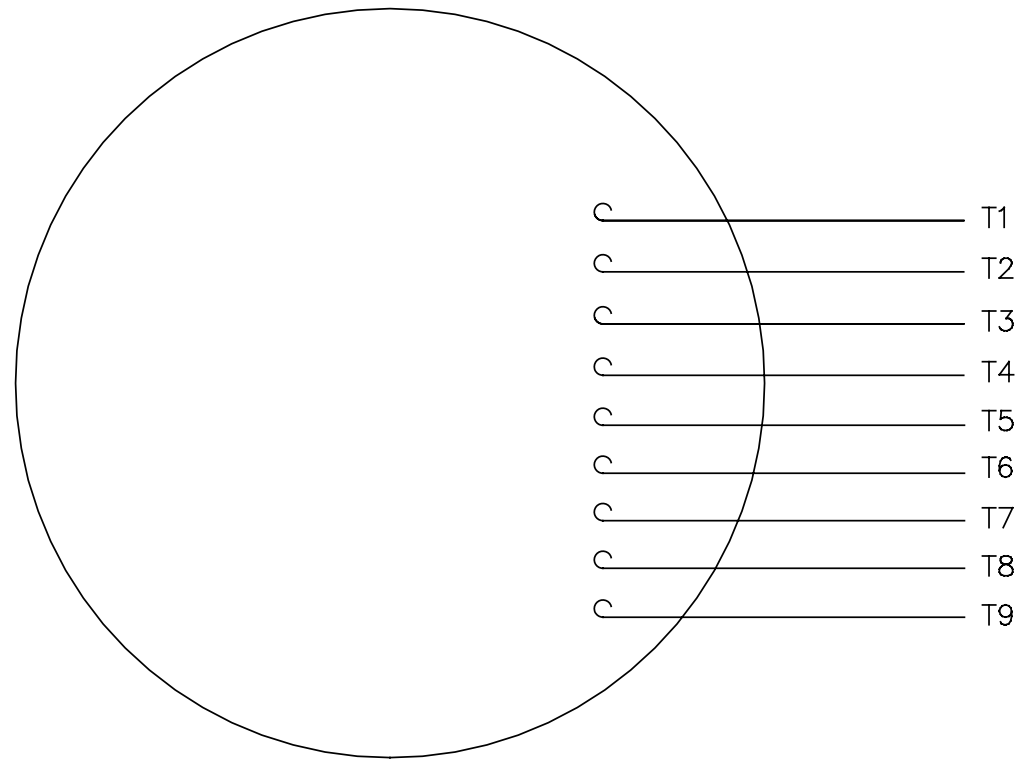
NO.		REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	DEC.	INCHES	LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 11/28/05
						.X		±.1			
						.XX		±.03	TITLE		APPD
						.XXX		±.005	OUTLINE - 48 FRAME TEFC GEARMOTOR		SCALE 1=2
						.XXXX		±.0005	MAT'L 3 PHASE		REF 031259
									FINISH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

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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		REGAL™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02				
		DEC.	INCHES	TITLE		CHK				
		.X	±.1	EXTERNAL WIRING DIAGRAM		APPD				
		.XX	±.01	3 PHASE W/O PROTECTOR		SCALE 1=1				
		.XXX	±.005	MAT'L. DECAL - 004014		REF FIG.2-51				
A	UPDATED TO REGAL LOGO	SAJ	06/26/15	AJY	.XXXX	±.0005	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PREV			
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				DIST	BRF-NLV			A	005010-01	A