



A Regal Brand

Catalog # : 107005.00
Product Type: ACSG
Description:

Model: 107005.00
Stock: Y

Engineering Data

RPM	59	Volts		Volts	
HP/KW	.25	F.L. Amps		F.L. Amps	5.4/2.7
Frame	48Y	S. F Amps		S. F Amps	5.6/2.8
Max Amb	40	Hertz		Phase	1
Insul Class	B4	Duty	CONT	TYPE	CF
		Serv. Factor	1.15	PF	
Eff 100%		Eff 75%		Enclosure	TEFC
Protection	NOT	Therm.Prot.		Bearing OPE	6203
Design		Code	M	Bearing PE	6203
UL	Yes	CSA	Yes	CE	No
Series	P1100	Nameplate	080573	Lubrication	
		Overrlung Ld.	625	Shaft Type	PARALLEL

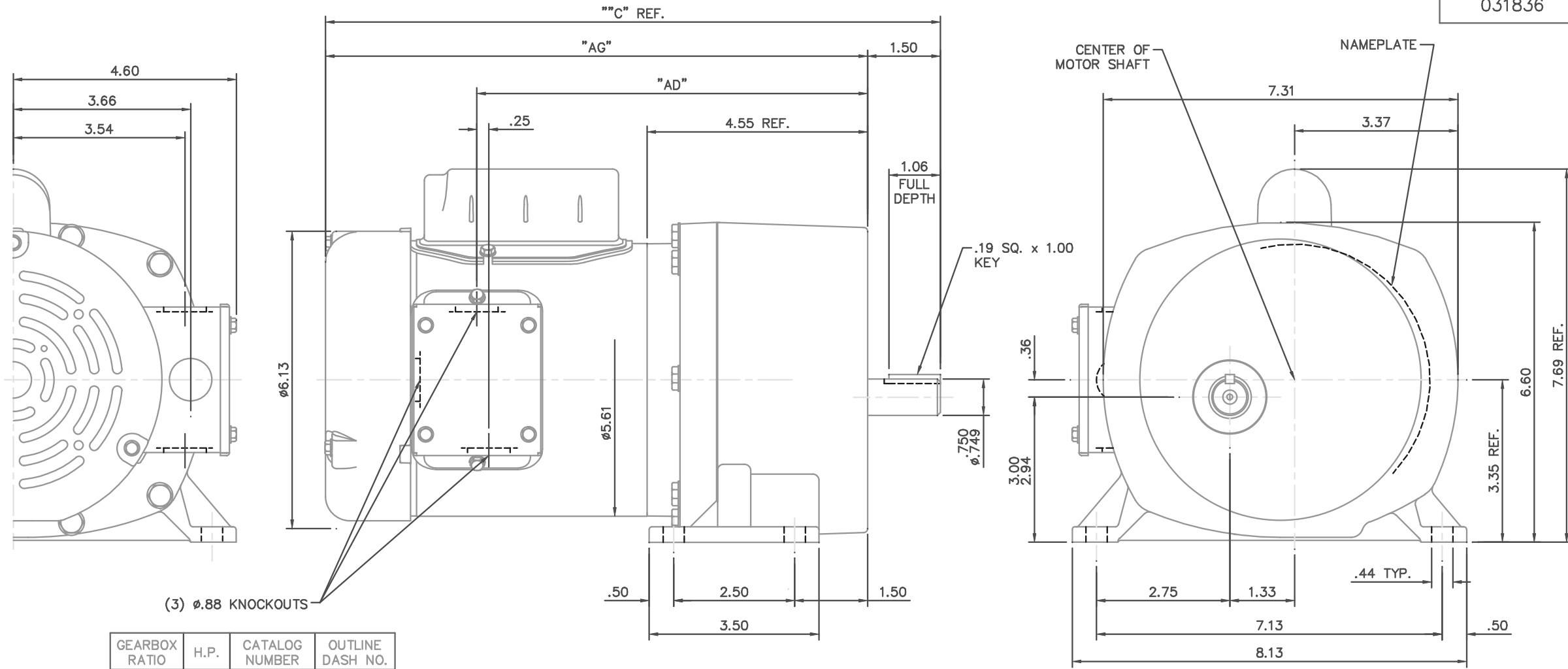
Motor Wt.	31 LB	Mounting	SPECIAL	Rotation	RECONN
Carton Label	Leeson GearMotor	Assembly	LO107005		
Winding	C554115	Shaft Dia.	3/4	Ext. Diag2.	
GROUP :	3 I	Paint	M1305027.01	Packaging	B
Test Card	05	Outline	031836-550	Cust Part No	

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

031836



(3) ø.88 KNOCKOUTS

GEARBOX RATIO	H.P.	CATALOG NUMBER	OUTLINE DASH NO.
212:1	1/4	107000.00	550
13:1	1/4	107001.00	550
66:1	1/4	107002.00	550
95:1	1/4	107003.00	550
143:1	1/4	107004.00	550
29:1	1/4	107005.00	550
95:1	1/3	107006.00	575
6:1	1/3	107007.00	575
11:1	1/3	107008.00	575
19:1	1/3	107009.00	575
29:1	1/3	107010.00	575
42:1	1/3	107011.00	575
66:1	1/3	107012.00	575
79:1	1/2	107013.00	625
13:1	1/2	107014.00	625
19:1	1/2	107015.00	625
29:1	1/2	107016.00	625
42:1	1/2	107017.00	625

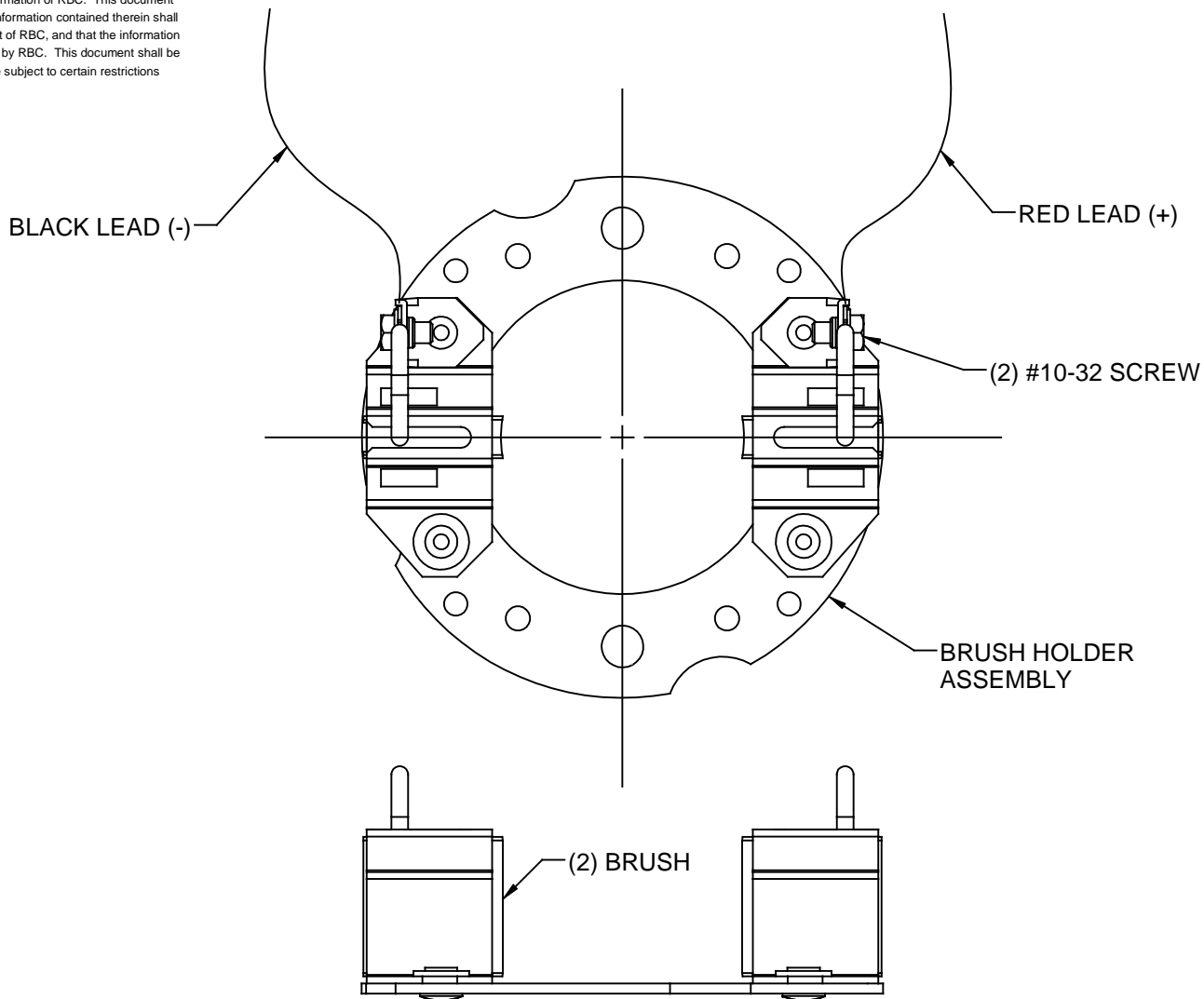
OUTLINE DASH NO.	"C"	"AG"	"AD"
550	13.42	11.92	8.81
575	13.67	12.17	9.06
625	14.17	12.67	9.56

GASKETS THROUGHOUT


TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN PG 11/28/05
DEC.	INCHES				CHK
.X	±.1				APPD
.XX	±.03		TITLE OUTLINE - 48 FRAME TEFC GEARMOTOR		SCALE 1=2
	.XXX	±.005	MAT'L 1 PHASE		REF 031216
	.XXXX	±.0005	FINISH STANDARD		FMF 107000.00
NO.	REVISION	BY & DATE	CHK	ANG ±1/2'	PREV
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 THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	CAD FILE 031836	SIZE B
			DIST	DRAWING NO. 031836	REV.

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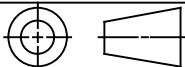
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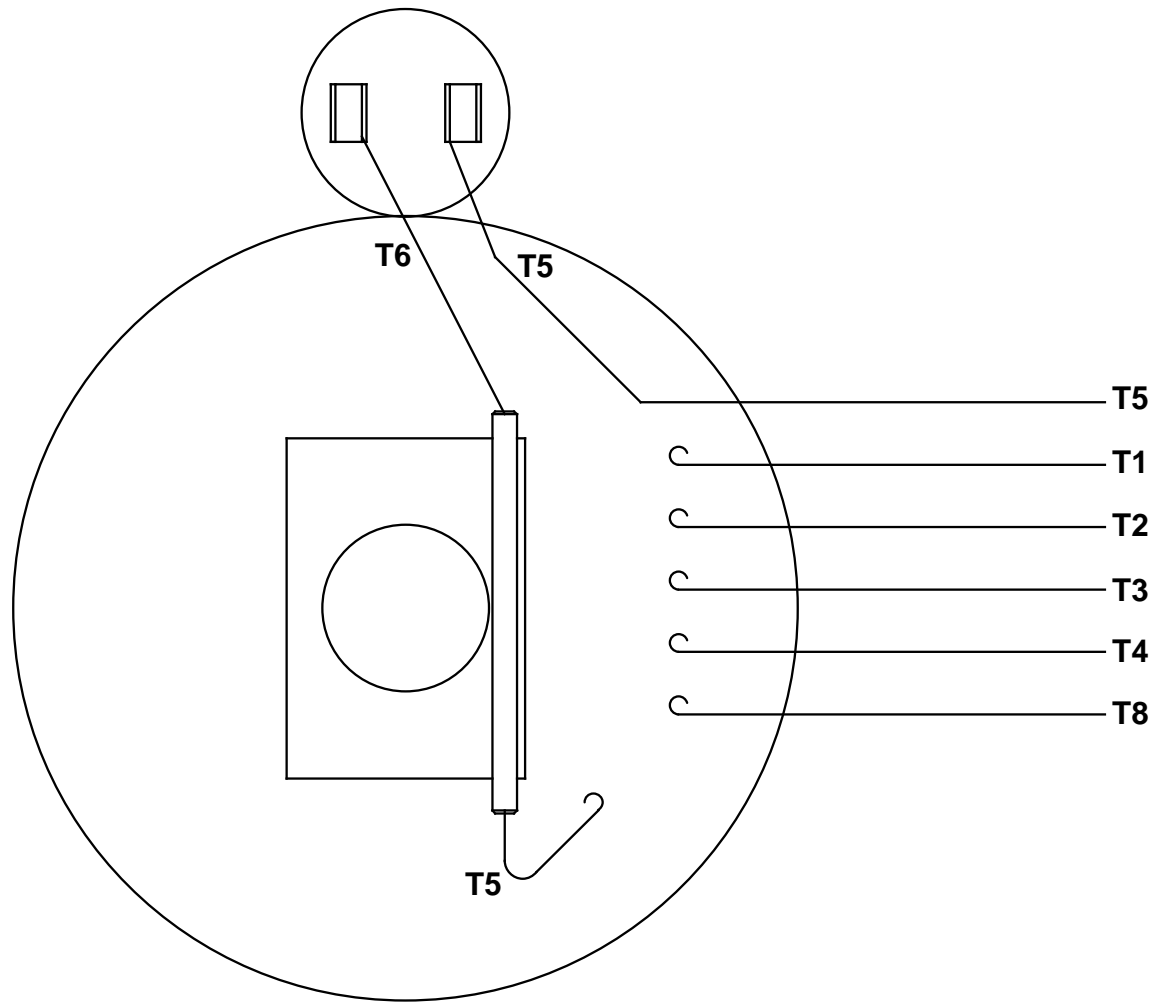
POLARITY: CCWLE

				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN	IPG 12/10/07		
				DEC	INCHES		CHK	RWS 12/10/07		
				.X	±.1		APPR			
				.XX	±.01		SCALE	5:8		
01	INTERCHANGED RED AND BLACK LEADS	IPG 4/25/2008	BC	.XXX	±.005	TITLE	BRUSH/PLATE DRAWING	REF	PR070348	
	RELEASED	IPG 12/10/2007	RWS	.XXXX	±.0005	MAT'L		FMF	108022.75	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH		PAGE	OF	
				RFP		PREV		SIZE	DRAWING NO	REV
				NETWORK FILE NAME			A	499954.01	01	

THIRD ANGLE PROJECTION

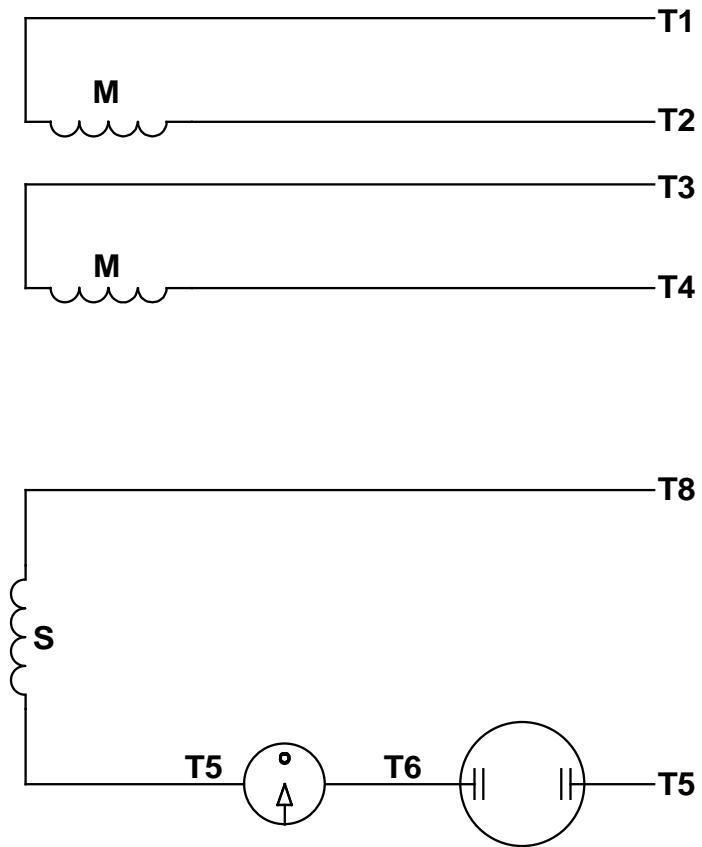


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.


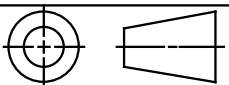


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LINE LEADS



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4, T5	T2, T3, T8
	C.W.	T1	T4, T8	T2, T3, T5
LOW VOLT	C.C.W.	T1, T3, T8	T2, T4, T5	-----
	C.W.	T1, T3, T5	T2, T4, T8	-----

--	REDRAWN IN SOLIDWORKS	VJB 02/16/11		TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN ADH 08/06/73
27	UPDATED TO CURRENT STANDARDS	DBT 05/27/97		DEC	INCHES		CHK
26	ADDED PAGE 32 (114787) & PAGE 33 (114788)	KAZ 12/20/95	PG	.X	±.1		APPR JCW 03/09/79
25	ADDED PAGE 31	KAZ 04/19/95	DL	.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM	SCALE 1:1
24	ADDED PAGES 29 & 30	KMM 03/30/95	DL	.XXX	±.005	TYPE "C" W/O PROTECTOR	REF FIG 2-23 C4A
23	ADDED PAGE 28	KMM 01/27/95		.XXXX	±.0005	MAT'L DECAL - 004012	FMF MGI-2.4B
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE OF
THIRD ANGLE PROJECTION 			RFP	PREV	SIZE	DRAWING NO	REV
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