PRODUCT INFORMATION PACKET

Model No: 131995.00
Catalog No: 131995.00
5 HP Agricultural Motor, 1 phase, 1800 RPM, 230 V, 184TC Frame, TEFC
Agricultural Motors

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Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	230 V
Current	20.5 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	82.5 %	Power Factor	93
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	H
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	43

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	.47 Ohms	Mounting	Rigid base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	17.47 in
Frame Length	12.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035483-1200	Connection Drawing	005056.03

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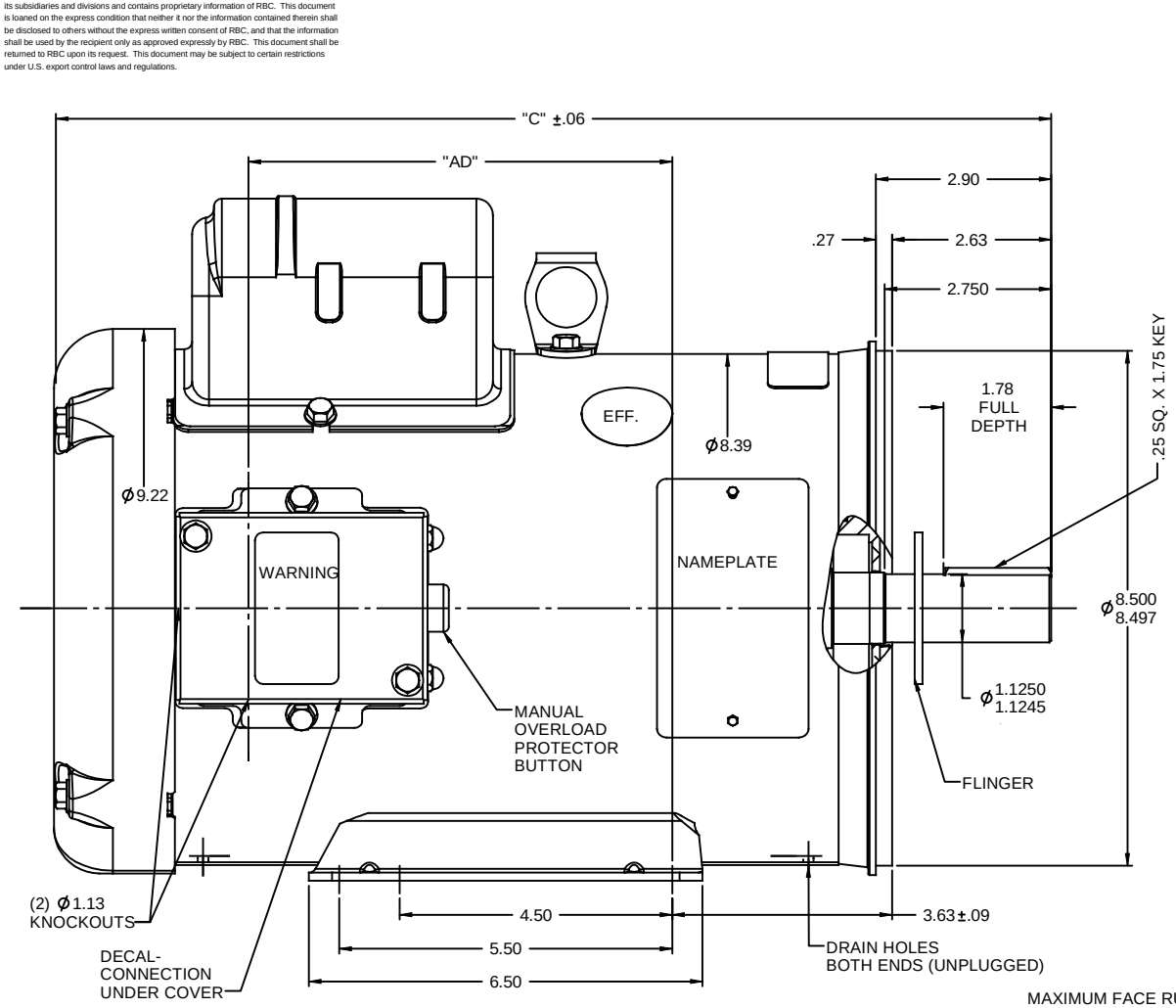

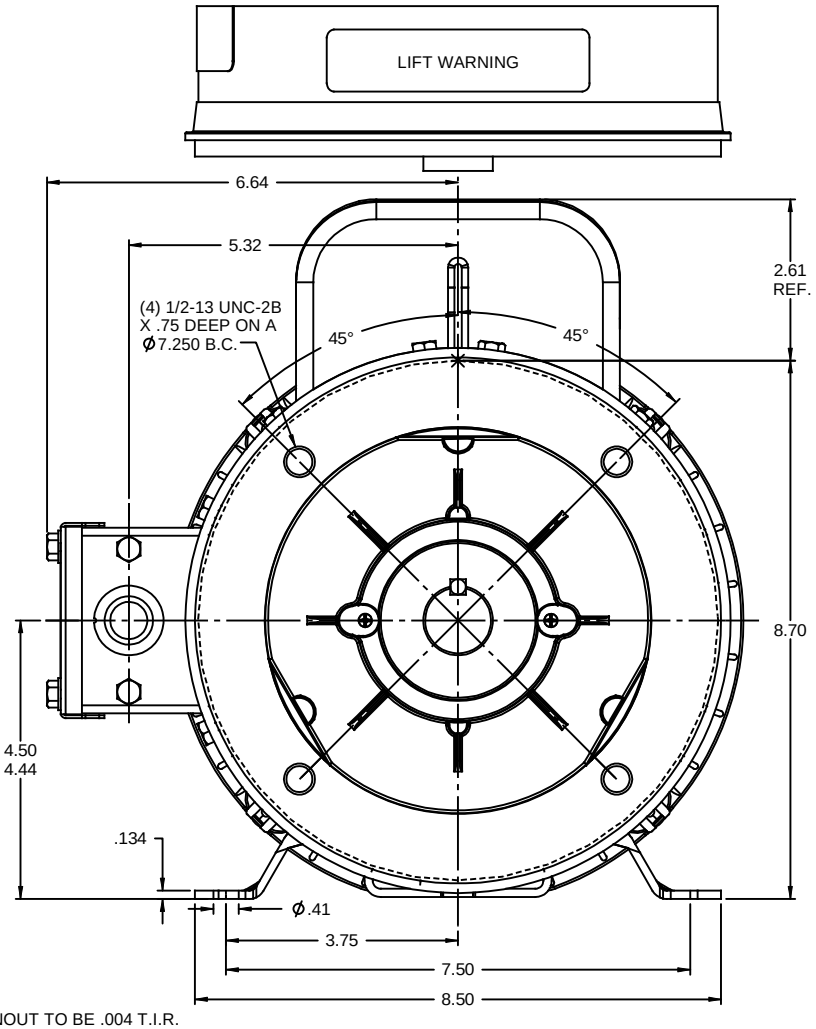

MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

DASH NO.	"C"	"AD"
850	13.97	4.50
900	14.47	5.00
950	14.97	5.50
1000	15.47	6.00
1050	15.97	6.50
1100	16.47	7.00
1150	16.97	7.50
1200	17.47	8.00

MOTOR SPECIAL FEATURES
DRAIN HOLES IN FRAME (UNPLUGGED)
MANUAL RESET OVERLOAD PROTECTOR
FLINGER
GASKETS THROUGHOUT

NO	REVISION	BY & DATE	CHK
-	UPDATED & REDRAWN IN SOLIDWORKS	LST 11/12/2009	XX

TOLERANCES UNLESS SPECIFIED
DEC INCHES
.X ±.1
.XX ±.03
.XXX ±.005
.XXXX ±.0005
ANG ±1/2°

THIRD ANGLE PROJECTION

REGAL-BELOIT CORPORATION

DRAWN	LST 2/27/04
CHK	RW 2/27/04
APPR	KH 2/27/04
SCALE	1:2
REF	
FMF	
PAGE	OF

TITLE OUTLINE - 180TC FRAME
TEFC - RIGID "C"
MAT'L FARM DUTY
FINISH
RFP
PREV
NETWORK FILE NAME

SIZE	DRAWING NO	REV
B	035483	-

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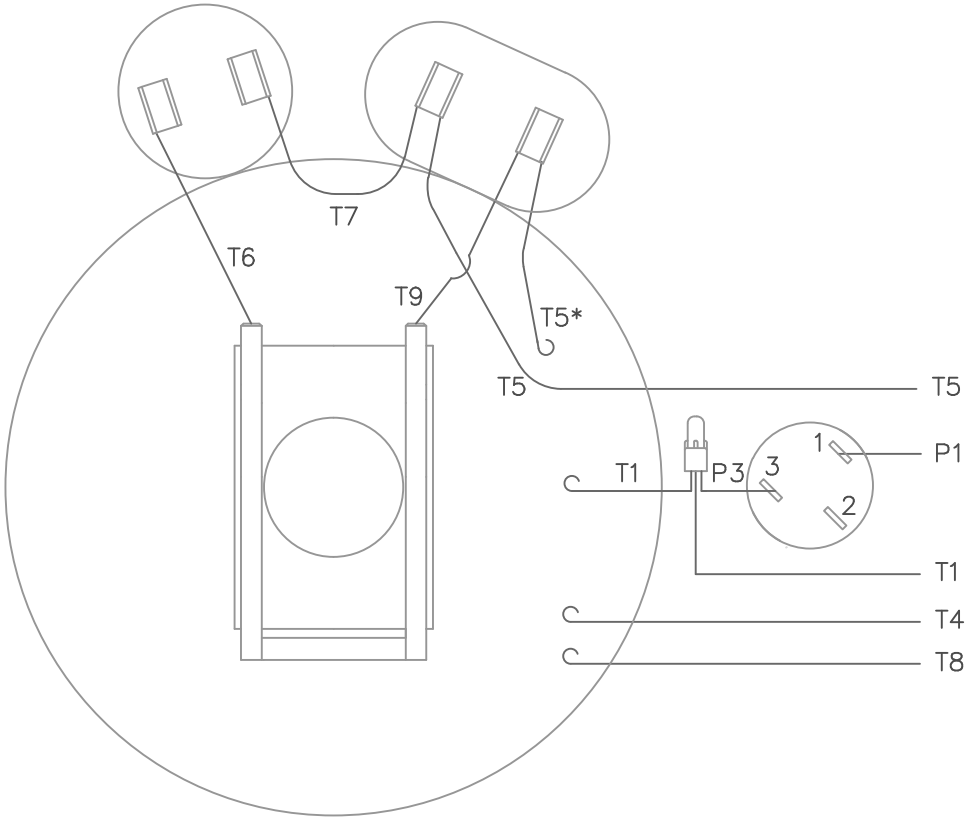
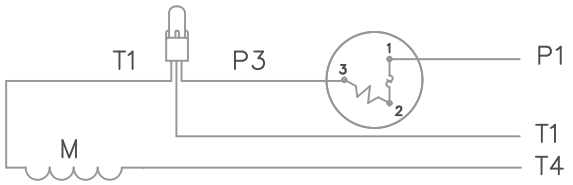
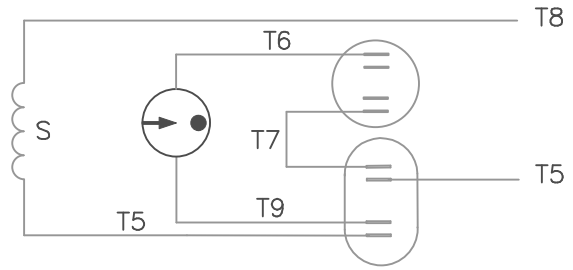
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS





ROTATION FACING LEAD END	L1	L2	JOIN
C.C.W.	P1	T4,T5	T1,T8
C.W.	P1	T4,T8	T1,T5

* THIS LEAD MAY BE WHITE

NO.	REVISION	BY & DATE	CHK
08	ALTERNATE T5 LEAD MARKING WAS RED	RLW 8/6/02	
07	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH
06	REDRAWN TO CAD	DBT 5/31/02	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON — ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: EXTERNAL WIRING DIAGRAM TYPE "K" W/ PROTECTOR

MAT'L. DECAL – 004015

FINISH

CAD FILE 00505603

RFP

DIST BRF–NLV

DRAWN	WLW 08/30/76
CHK	WRK 09/24/76
APPD	
SCALE	1=1
REF	
FMF	6K17FB4
PREV	

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A	005056–03	08

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