

PRODUCT INFORMATION PACKET



Model No: 141348.00

Catalog No: 141348.00

REPLACED BY 141437.00 - 7 1/2HP..1740RPM.215TZ.TEFC.230V.1PH.60HZ.CONT.40C.1.15SF.RIGID.P215K17FB

Miscellaneous

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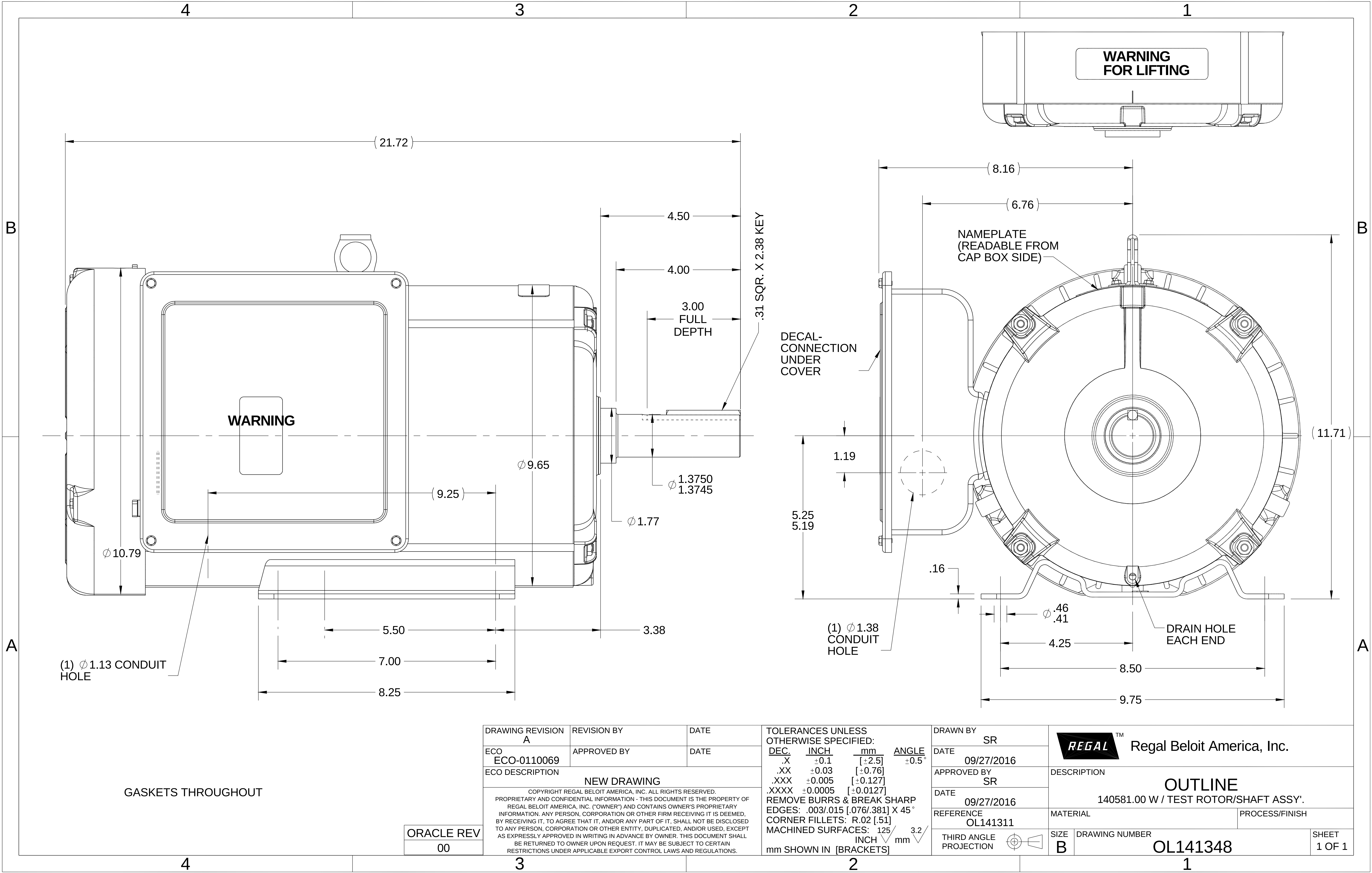
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	230 V
Current	30.0 A	Speed	1765 rpm
Service Factor	1.15	Phase	1
Efficiency	86.4 %	Power Factor	94.9
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	G
Frame	215TZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6209	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

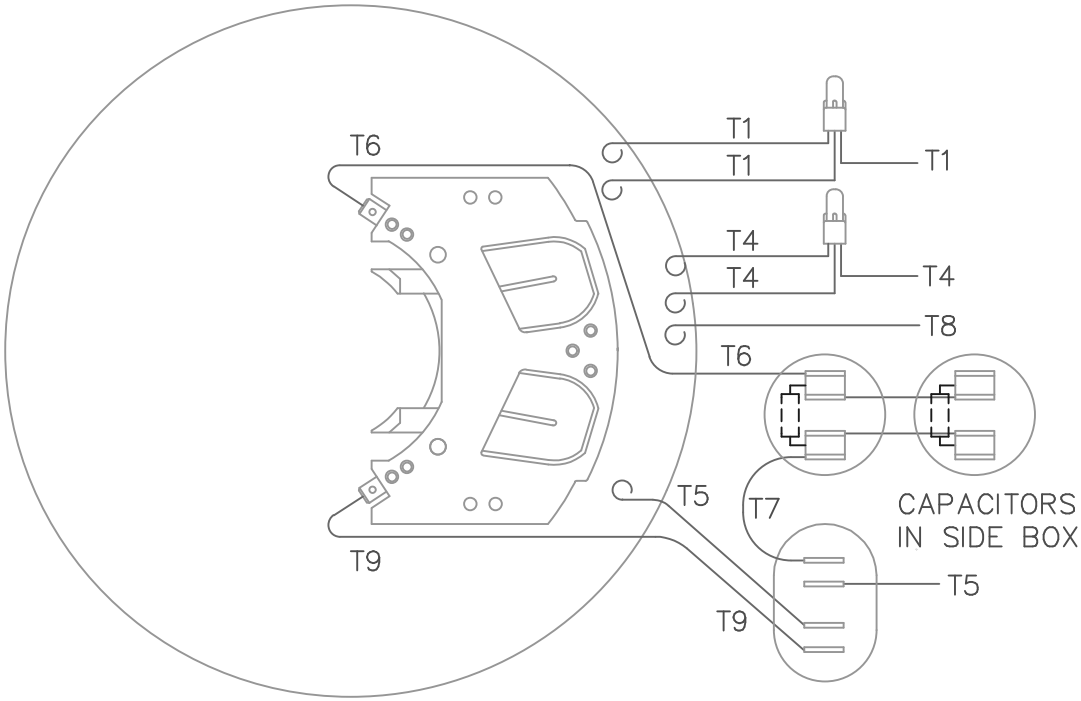
Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Assembly/Box Mounting	F1 ONLY
Outline Drawing	OL141348	Connection Drawing	005462.02

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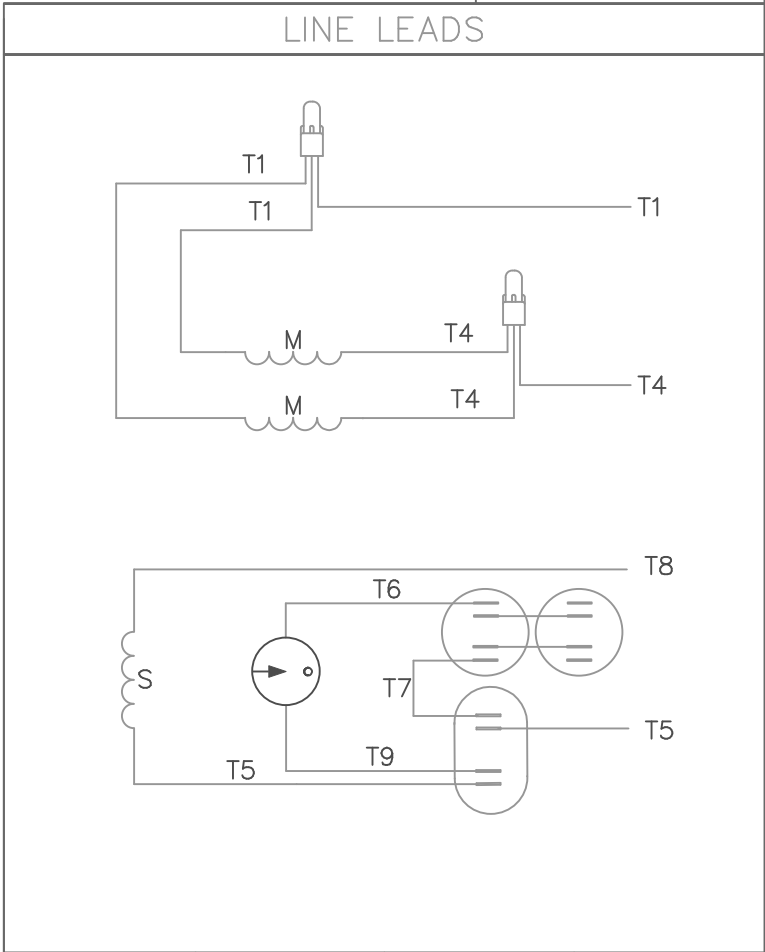


DRAWING REVISION A	REVISION BY	DATE	REGAL™ Regal Beloit America, Inc.	
ECO ECO-0110069	APPROVED BY	DATE		
ECO DESCRIPTION NEW DRAWING			DESCRIPTION OUTLINE	
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			MATERIAL	PROCESS/FINISH
ORACLE REV 00			SIZE B	DRAWING NUMBER OL141348
			SHEET 1 OF 1	



VIEW FROM OUTSIDE OF
MOTOR AT SWITCH END

CAUTION:
LEAD WIRE INSULATION TO
EXTEND MIN. OF 1/4" INTO
CONNECTOR INSULATION



ROTATION FACING LEAD END	L1	L2	JOIN & INSULATE
C.C.W.	T1,T8	T4,T5	---
C.W.	T1,T5	T4,T8	---

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN RDW 10/21/02		
				DEC.	INCHES				CHK		
				.X	±.1				APPD		
				.XX	±.01		TITLE EXTERNAL WIRING DIAGRAM TYPE "K" W/O PROTECTOR		SCALE 1=2		
				.XXX	±.005				REF 005462-01		
				.XXXX	±.0005	MAT'L. DECAL 004018		FMF 140581			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH			PREV		
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			DIST				A	005462-02			

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CERTIFICATION DATA SHEET

**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CONN. DIAGRAM: 005462.02

CATALOG #: 141348.00

OUTLINE: OL141348

MOUNTING: F1 ONLY

WINDING #: K9425 R1 2 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
7 1/2	5.60	0	1765	215TZ	TEFC	G	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	230	30	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	86.4	3/4 LOAD EFF:	-	1/2 LOAD EFF:	-	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	94.9	3/4 LOAD PF:	-	1/2 LOAD PF:	-	0		CAP START CAP RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
- LB-FT	-	- LB-FT - %	- LB-FT - %	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	1.157 LB-FT^2	0 LB-FT^2	0 SEC.	0	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GREEN - AQUA AIR DRY (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL						
6209	6206	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE

ENCODER: NONE
NONE NONE
NONE NONE PPR

BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz