PRODUCT INFORMATION PACKET

Model No: 213TBFW7027
Catalog No: Z117
5,1800,TEFC,213TZ,1/60/230
Single Phase

Product Information Packet: Model No: 213TBFW7027, Catalog No:Z117 5,1800,TEFC,213TZ,1/60/230

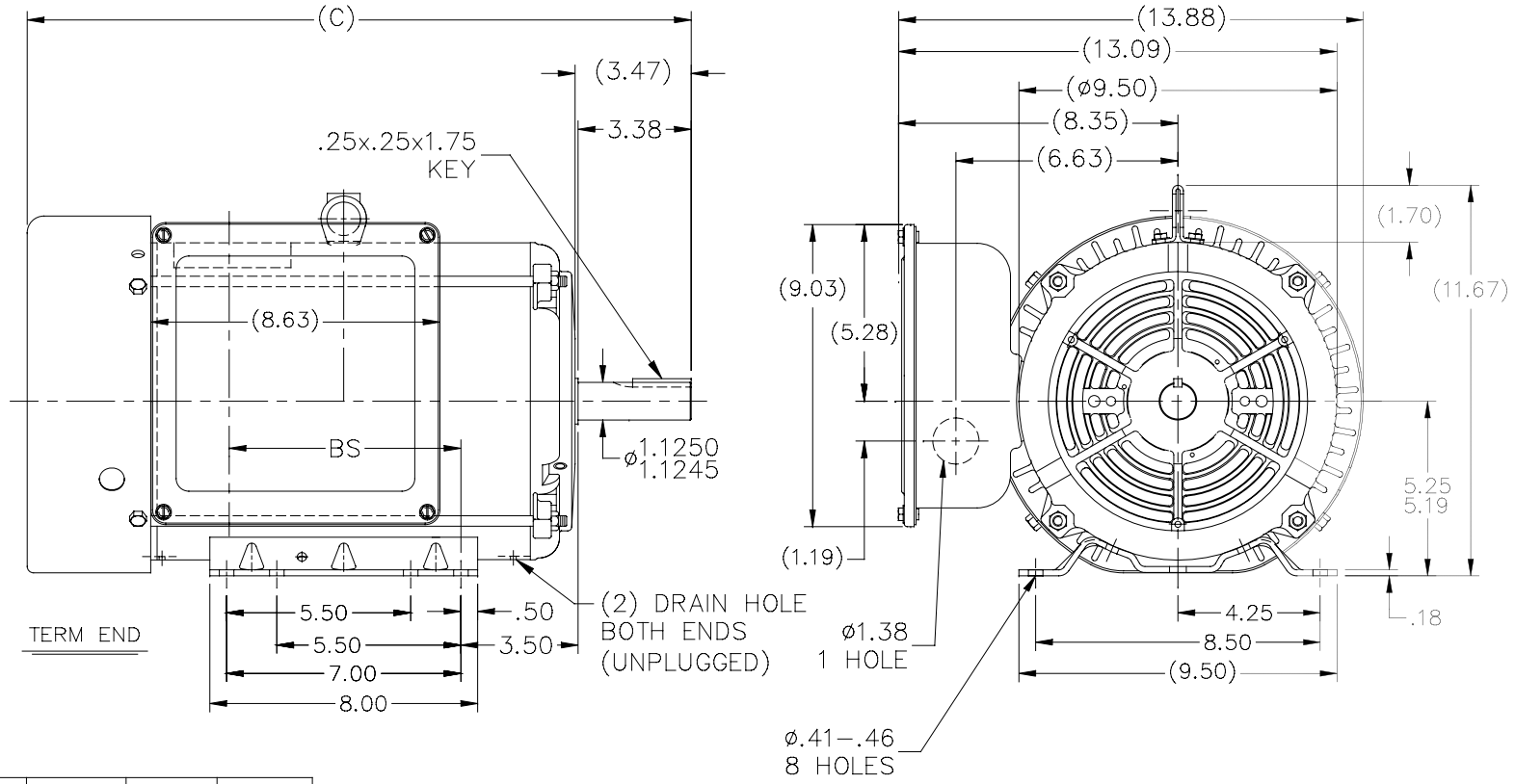
Nameplate Specifications

Output HP	**5 Hp**	Output KW	**3.7 kW**
Frequency	**60 Hz**	Voltage	**230 V**
Current	**22.6 A**	Speed	**1740 rpm**
Service Factor	**1.15**	Phase	**1**
Efficiency	**82.5 %**	Duty	**Continous**
Insulation Class	**F**	Design Code	**NO DESIGN CODE**
KVA Code	**K**	Frame	**213TZ**
Enclosure	**Totally Enclosed Fan Cooled**	Overload Protector	**Manual**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6307**
Opp Drive End Bearing Size	**6206**	UL	**Recognized (Not Protector)**
CSA	**Y**	CE	**Y**
IP Code	**43**		

Technical Specifications

Electrical Type	**Capacitor Start Capacitor Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Selective Counterclockwise**
Mounting	**Rigid Base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Rolled Steel**	Shaft Type	**Single Special Extension**
Overall Length	**18.34 in**	Frame Length	**9.65 in**
Shaft Diameter	**1.125 in**	Shaft Extension	**3.47 in**
Assembly/Box Mounting	**F1 Only**		
Outline Drawing	**A-SS86671-965**	Connection Diagram	**A-EE9048LW**

SS86671



DASH	FRAME	C	BS
965	213T	18.34	5.42
1115	213/15T	19.84	6.92
1240	215T	21.09	8.17

NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. DASH 965 TO BE READ FROM OPPOSITE SHAFT END.

NO.	REVISION	BY & DATE	CHK
8	DRAIN HOLES ADDED	KIR 02/08/16	SS
7	REVISED 'B' DIMENSION 08–0118	RJW 01–22–2008	ML

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

REGAL™ Regal Beloit America, Inc.

TITLE OUTLINE – STEEL C' BOX
210 FR. – BB – TS – TEFC 1ø

MAT'L.

FINISH

CAD FILE ss86671

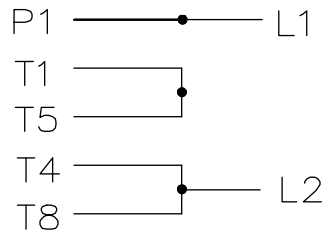
RFP

DIST LB

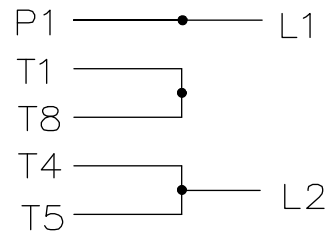
DRAWN	MH 04–17–1997
CHK	ML 04–18–1997
APPD	DN 04–18–1997
SCALE	7=32
REF	
FMF	
PREV	

SIZE A | DRAWING NO. SS86671 | PAGE OF | REV. 8

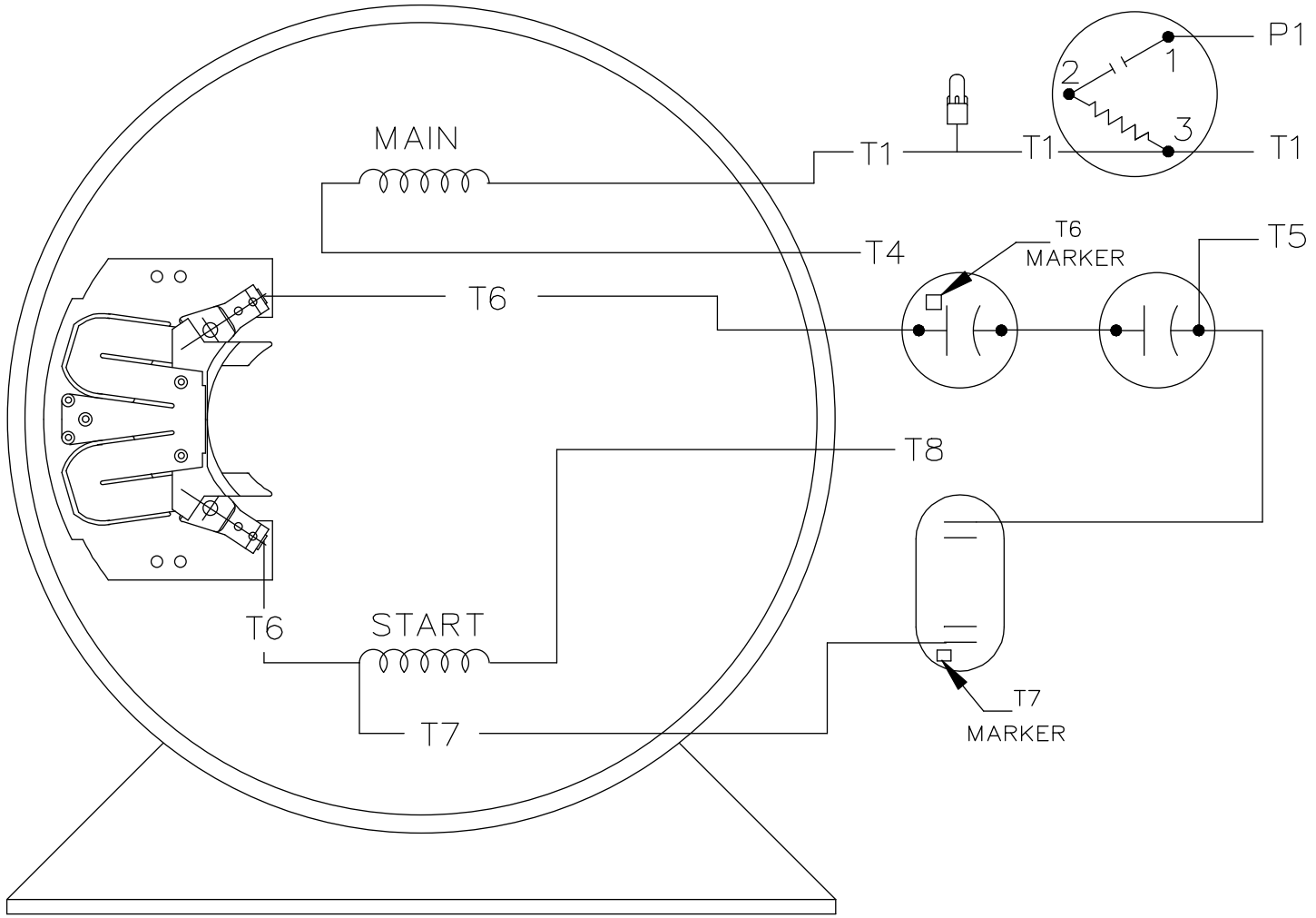
C.W. ROTATION



C.C.W. ROTATION



SINGLE VOLTAGE
CAPACITOR START
CAPACITOR RUN
REVERSIBLE



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN GK 11-05-1986
				DEC.	INCHES		CHK ML 11-05-1986
				.X	±.1		APPD FG 11-06-1986
				.XX	±.02	TITLE CONNECTION DIAGRAM	SCALE 1=1
				.XXX	±.005		REF
1	NEW DRAWING CN7664C	GK 11-06-1986		.XXXX	±.0005	MAT'L.	FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV

RFP
DIST WA
CAD FILE EE9048LW

SIZE	DRAWING NO. PAGE OF	REV.
A	EE9048LW	1

CERTIFICATION DATA SHEET

Model#:	213TBFW7027 BD	**WINDING#:**	BK104124 NONE 2
CONN. DIAGRAM:	A-EE9048LW	**ASSEMBLY:**	F1 ONLY
OUTLINE:	A-SS86671-965		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5	3.7	1800	1740	213TZ	TEFC	K	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	230	22.6	ACROSS THE LINE	CONTINUOUS	F4	1.15	40	3300

FULL LOAD EFF: 82.5	3/4 LOAD EFF: 83	1/2 LOAD EFF: 81	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 83.5	3/4 LOAD PF: 79.5	1/2 LOAD PF: 70.5	0	CAP START CAP RUN	9.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
15 LB-FT	170	69 LB-FT 0	38.6 LB-FT 0	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	- LB-FT^2	- LB-FT^2	- SEC.	-	- 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	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	SGL SPL EXT	1.125 x 3.38 IN SEK	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6307	6206						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE

ENCODER: NONE
NONE NONE
NONE NONE PPR

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

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FORM 3531 REV.3 02/07/99
** Subject to change without notice.