PRODUCT INFORMATION PACKET

Model No: 213TTFWD16014
Catalog No: U327A
7 1/2,3600,TEFC,213JM,3/60/200
JM

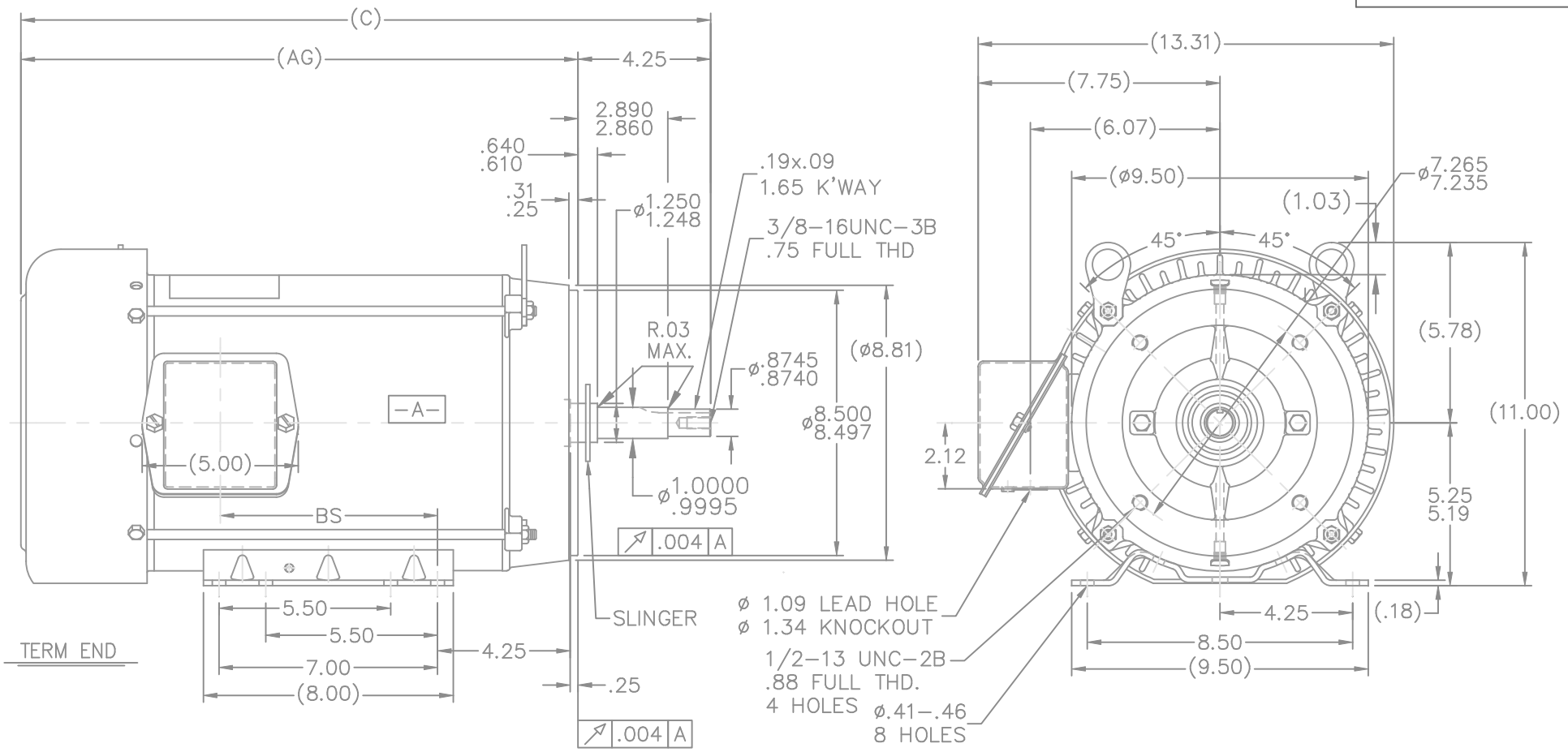
Nameplate Specifications

Output HP	**7.50 Hp**	Output KW	**5.6 kW**
Frequency	**60 Hz**	Voltage	**200 V**
Current	**21.4 A**	Speed	**3525 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**89.5 %**	Duty	**Continous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**H**	Frame	**213JM**
Enclosure	**Totally Enclosed Fan Cooled**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6309**
Opp Drive End Bearing Size	**6206**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**43**		

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**2**	Rotation	**Reversible**
Mounting	**Rigid base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Rolled Steel**	Shaft Type	**JM**
Overall Length	**20.59 in**	Frame Length	**9.65 in**
Shaft Diameter	**0.875 in**	Shaft Extension	**4.25 in**
Assembly/Box Mounting	**F1/F2 Capable**		
Outline Drawing	**A-SS86629-965**	Connection Diagram	**005102.01**

SS86629



DASH	FR.	C	AG	BS	MOUNTING
965	213T	20.59	16.34	5.43	
1115	213/15T	22.09	17.84	6.93	
1240	213/15T	23.34	19.09	8.18	F1 ONLY

NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX CON BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)

NO.	REVISION	BY & DATE	CHK
6	UPDATED DRAWING	TJW 04/30/2007	
5	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML
4	UPDATED C' BOX GEOMETRY CN 28425	DRS 01-14-2000	
3	REVISED MOUNTING HOLES ON C' FACE WAS .75	MJD 06-18-1998	
	FULL THREAD CN 25600-210		
2	REMOVED GRD. SCREW FROM FRAME CN 24453	MJD 10-01-1997	

TOLERANCES UNLESS SPECIFIED

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

MARATHON ELECTRIC

TITLE OUTLINE
210T JM–BB–TS–TEFC–R/S–C' FACE

MAT'L.

FINISH

CAD FILE ss86629

RFP

DIST LB

DRAWN	DRS 09–06–1996
CHK	ML 09–20–1996
APPD	DN 09–20–1996
SCALE	1=5
REF	
FMF	
PREV	

SIZE	DRAWING NO. PAGE OF	REV.
A	SS86629	6

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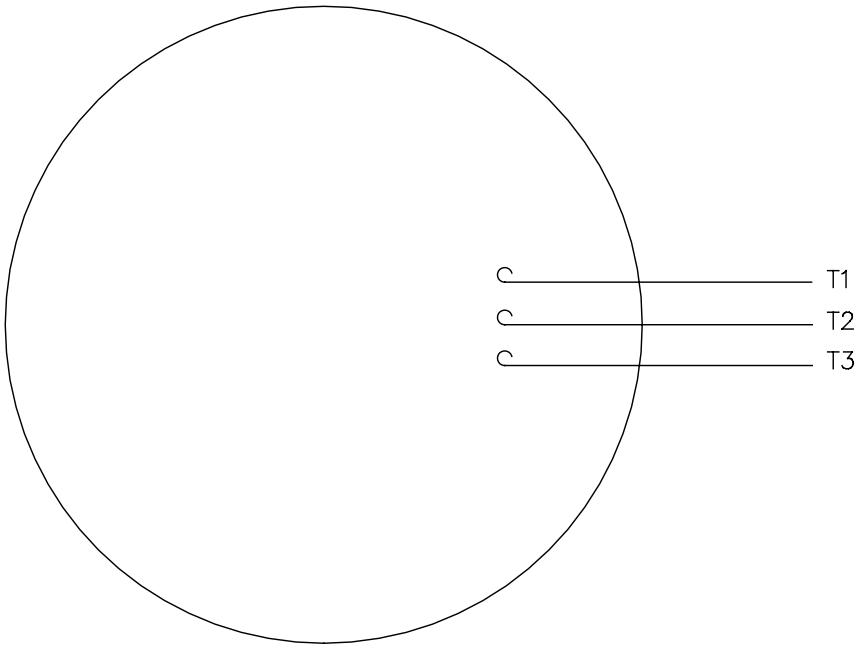
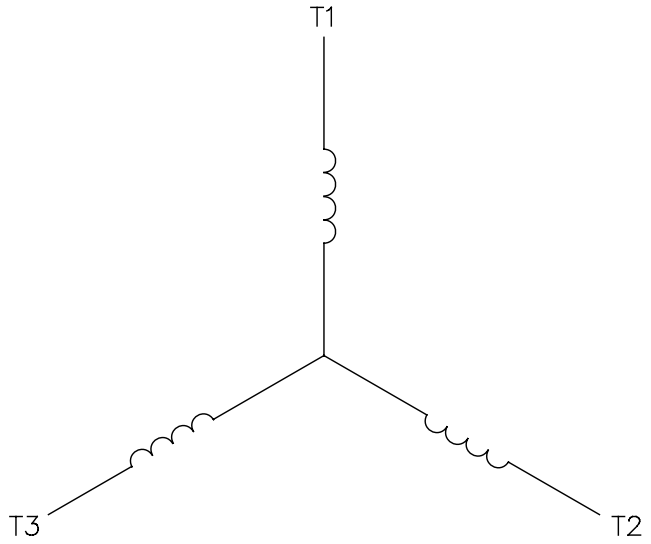
005102–01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



CONNECT LEADS AS FOLLOWS
FOR FOUR CONDUCTOR CORD ( )

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

NO.	REVISION	BY & DATE	CHK
08	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY
07	UPDATED TO CURRENT STANDARDS	DBT 5/30/97	
06	REDRAWN ON CAD; ADDED DECAL NUMBER	SAW 1/24/95	

TOLERANCES UNLESS SPECIFIED

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

REGAL™ Regal Beloit America, Inc.

TITLE: EXTERNAL WIRING DIAGRAM
TYPE "T" W/O PROTECTOR

MAT'L. DECAL – 004169

FINISH

CAD FILE 00510201

RFP 5/1/02

DIST BRF–NLV

DRAWN	JRW 9/11/75
CHK	
APPD	JCW 9/11/75
SCALE	1=1
REF	W–T6343–6
FMF	6T17FB7
PREV	

SIZE A | DRAWING NO. 005102–01 | REV. 08

P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER:
ORDER #:
CONN. DIAGRAM: 005102.01
OUTLINE: A-SS86629-965
WINDING: K2132124 NONE 4
SPEED:

CUSTOMER P.O. #:
REFERENCE MODEL #: 213TTFWD16014
CAT #: #VALUE!
CUSTOMER PART #:
MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
7.5	5.6	3600	3525	213JM	TEFC	TFW	H	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60	200	21.4	ACROSS THE LINE	CONT	F	1.15	40	3300

F.L. EFF	89.5	3/4 LD EFF	88.9	1/2 LD EFF	88.1	GTD EFF	ELECT. TYPE
F.L. PF	84.6	3/4 LD PF	79.7	1/2 LD PF	68.4	89.5	SQ CAGE IND RUN

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)	
11.2 LB-FT	145	19.3 LB-FT 172%	33.0 LB-FT 295%	55	

@ 3 FT.	POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT
72 dBA	81 dBA	0.55 LB-FT²	12 LB-FT²	20 SEC.	2	165 LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	NO	NONE	NO	NONE	BLUE (ENAMEL)

BEARINGS DE	BEARINGS ODE	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
BALL 6309	BALL 6206	POLYREX EM	JM	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0.199	0.109	0.481	0.267	10.718	0.150	ODE

*
NOTES
*

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE

ENCODER: NONE
NONE
NONE NONE PPR

BRAKE: NONE
NONE NONE
FT-LB: NA
VOLTAGE: NONE HZ:

PREPARED BY: EARL BABBITTS
DATE: 13-07-17

FORM: 3531 REV_4 2/27/06

UL: V-INS, CONST UL REC