PRODUCT INFORMATION PACKET

Model No: 215TBFW7029 Catalog No: Z122

General Purpose Farm Duty Motor, 7.50 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 215T Frame, TEFC



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Product Information Packet: Model No: 215TBFW7029, Catalog No:Z122 General Purpose Farm Duty Motor, 7.50 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 215T Frame, TEFC

Nameplate Specifications

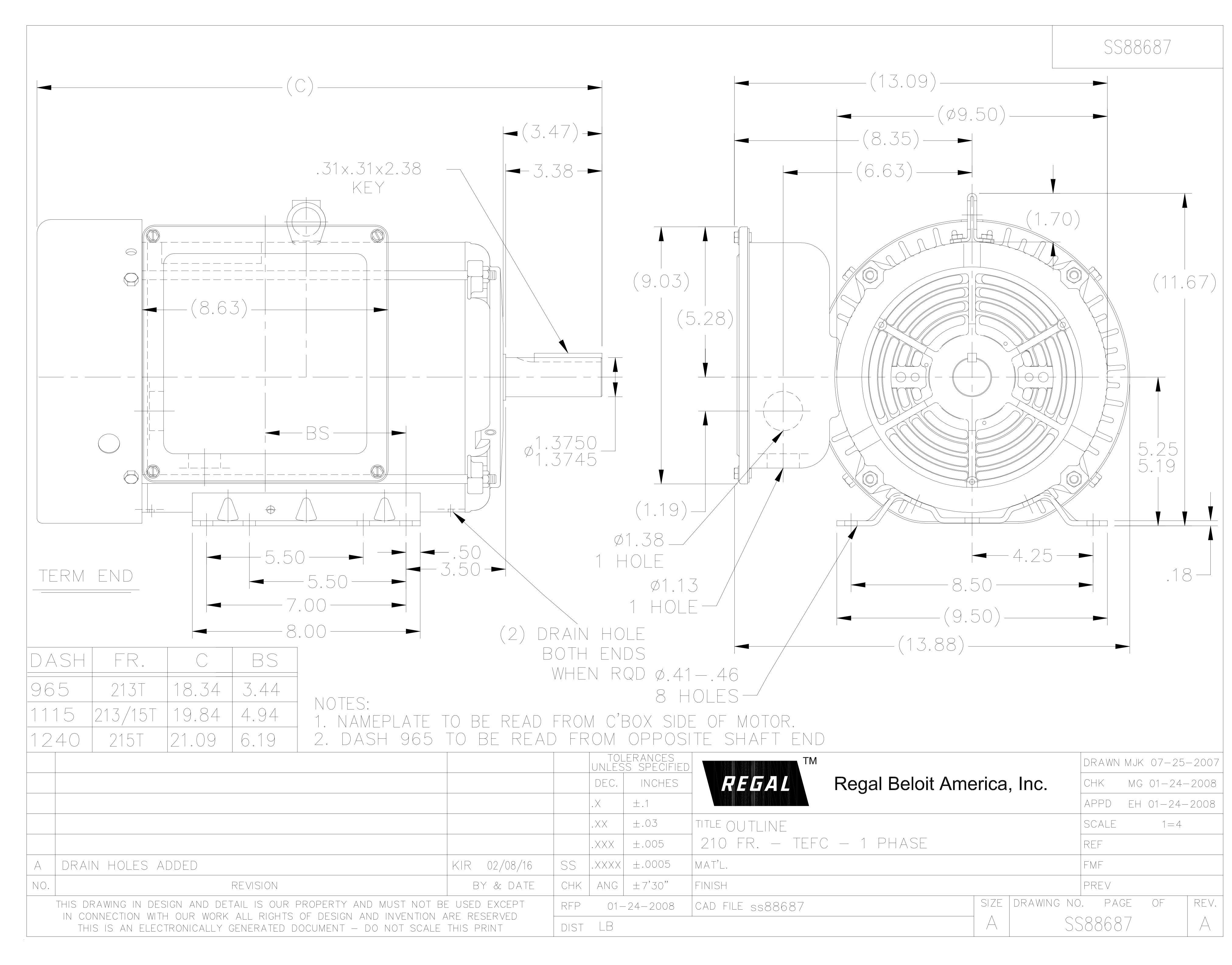
Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	230 V
Current	30.0 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	84 %	Power Factor	96
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	G
Frame	215T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized (Not Protector)	CSA	Υ
CE	Υ	IP Code	43
Number of Speeds	1		

Technical Specifications

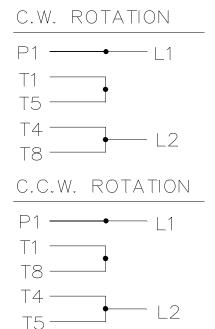
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Т	Overall Length	21.09 in
Frame Length	12.40 in	Shaft Diameter	1.375 in
Shaft Extension	3.47 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE9048MT	Outline Drawing	A-SS88687-1240

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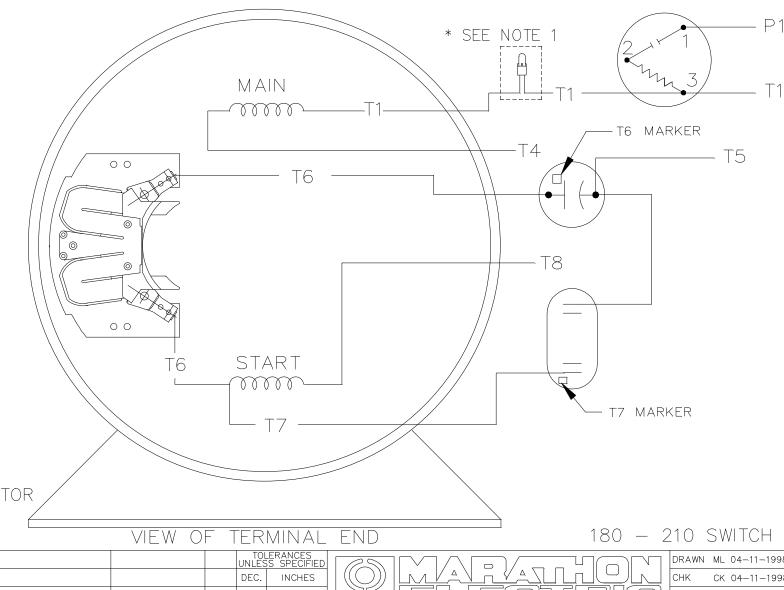
3 of 7



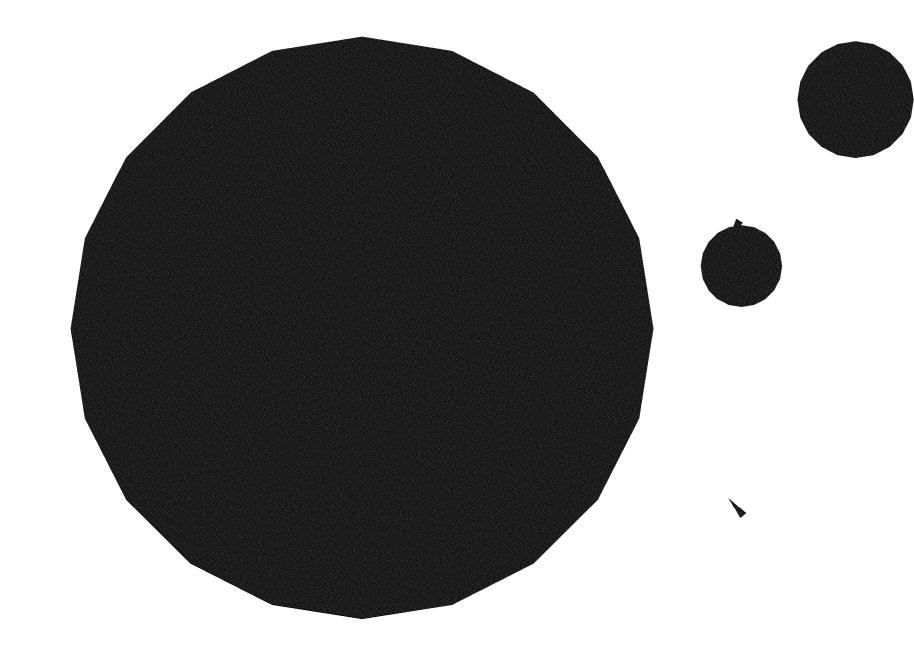
SINGLE VOLTAGE CAPACITOR START CAPACITOR RUN REVERSIBLE

NOTE:

1. USE PRESSURE CONNECTOR ONLY IN MT2 PLANT



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				TOL UNLES	ERANCES S SPECIFIED				ML 04-11	-1998
				DEC.	INCHES			1	CK 04-11	-1998
				.X	±.1			APPD	MS 04-11	-1998
				.XX	±.02	TITLE CONNECTION DIAGRAM		SCALE	1=1	
				.xxx	±.005			REF		
1	ADDED PRESSURE CONNECTOR IN MT2 MODEL	NB 10/5/2011	AK	.xxxx	±.0005	MAT'L.		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		PREV		
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	IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION A THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE	THIS PRINT	DIST	LB-	LE	4 -4 7	∤ EE	9048M	T	1
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CERTIFICATION DATA SHEET

Model#: 215TBFW7029 EE **WINDING#:** BK104118 NONE 1

F.L. RPM

CONN. DIAGRAM: A-EE9048MT ASSEMBLY: F1 ONLY

SYNC. RPM

OUTLINE: A-SS88687-1240

KW

ΗP

TYPICAL MOTOR PERFORMANCE DATA

FRAME

ENCLOSURE

KVA CODE

DESIGN

7 1,	/2 5.6 1800		1800	1740 215T		TEF	С	G		L		
PH		Hz	VOL	TS	FL AMPS	START TYPE	DUTY	INSL	S.	F	AMB°C	ELEVATION
1		60	230	0	30	ACROSS THE	CONTINUOU	F4	1.1	15	40	3300
						LINE	S					

FULL LOAD EFF: 84	3/4 LOAD EFF: 84.5	1/2 LOAD EFF: 82.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 96	3/4 LOAD PF: 95.8	1/2 LOAD PF: 95	0	CAP START CAP RUN	5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
22.5 LB-FT	198	50 LB-FT 222	51 LB-FT 227	85

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
72 dBA	82 dBA	0 LB-FT^2	- LB-FT^2	- SEC.	-	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	BLACK (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6307	6206						

	THERMO-PF	ROTECTORS	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

N O T E S

> DATE: 06/21/2017 09:36:53 AM FORM 3531 REV.3 02/07/99 ** Subject to change without notice.

