PRODUCT INFORMATION PACKET



Model No: 215TTFW16080
Catalog No: E2139
5 HP General Purpose Motor, 3 phase, 1200 RPM, 575 V, 215T Frame, TEFC
General Purpose Motors



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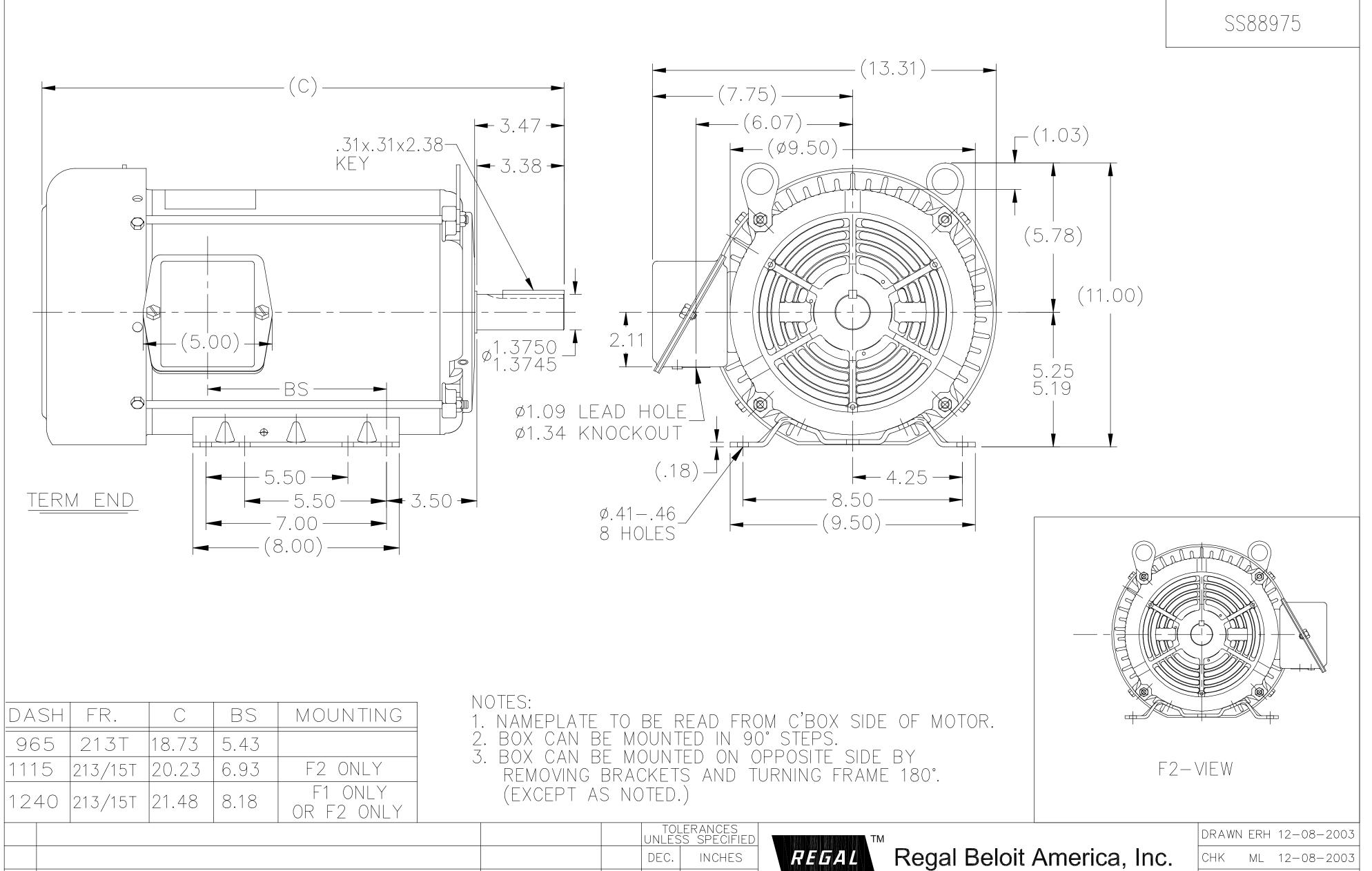
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	575 V
Current	5.6 A	Speed	1170 rpm
Service Factor	1.15	Phase	3
Efficiency	90.2 %	Power Factor	75
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	J
Frame	215T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Υ
CE	Υ	IP Code	43
Number of Speeds	1		

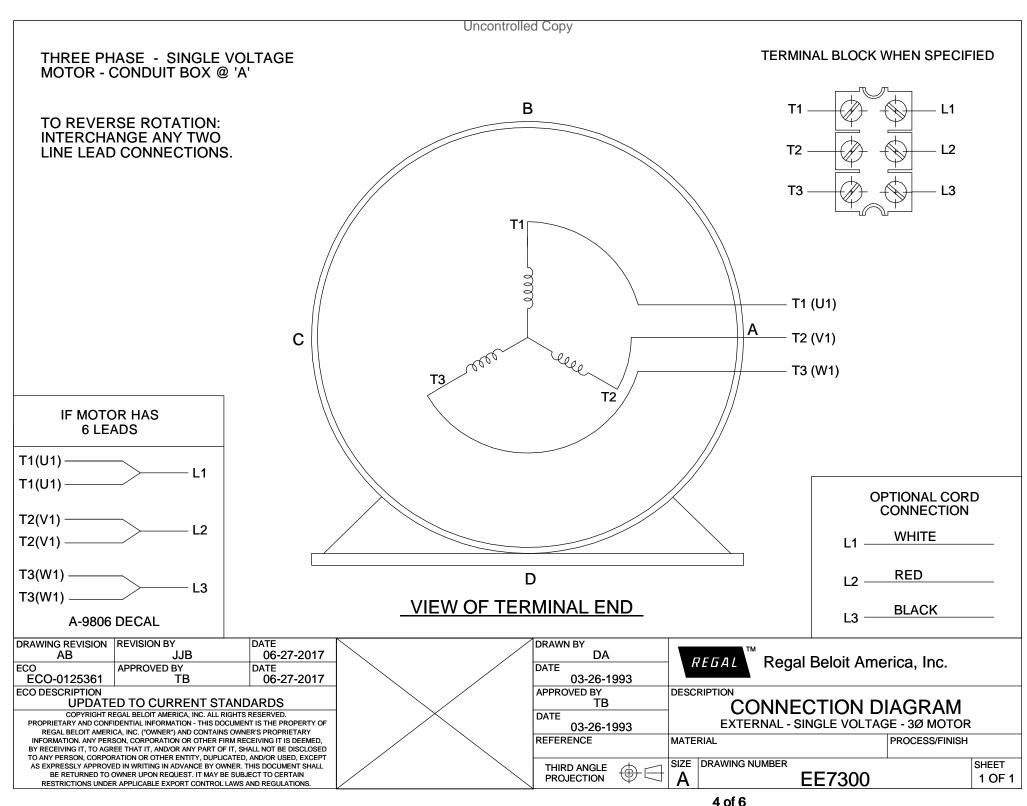
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	1.65 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	20.23 in
Frame Length	11.15 in	Shaft Diameter	1.375 in
Shaft Extension	3.47 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	A-SS88975-1115	Connection Drawing	A-EE7300

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				UNLESS SPECIFIEI	D TANKARAM MARAARA TM		DRAWN E	RH 12-08	8-2003
				DEC. INCHES	Regal Beloit Ame	erica, Inc.	CHK M	L 12-08	8-2003
4	UPDTED F2 ONLY FOR 1115 CONFIG PER ECO-0168214 V	MR 06/03/2019	RG	.X ±.1			APPD D	R 12-09	9-2003
3	NOTE UPDATED S	AJ 08/24/15	SR	.XX ±.03	TITLE OUTLINE		SCALE	1=4	1
2	TITLE BLOCK LOGO CHANGE PER ECO-0078542 M	IDV 06/09/2015		.XXX ±.005	210T FRBB-TS-TEFC-R/S		REF		
1	REMOVE HOLE AND BOLT SIDE VIEW CN24453 R	WR 01/30/2004	ML	.XXXX ±.0005	MAT'L.		FMF	MU 4928	33
NO	REVISION	BY & DATE	CHK	ANG ±7'30"	FINISH		PREV		
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE U		RFP	12-09-2003	CAD FILE ss88975	SIZE DRAWING NO			REV.
	IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE TH		DIST	LB] A SS	588975		4



CERTIFICATION DATA SHEET

 Model#:
 215TTFW16080 AA
 WINDING#:
 K2156166 NONE 3

 CONN. DIAGRAM:
 A-EE7300
 ASSEMBLY:
 F1/F2 CAPABLE

OUTLINE: A-SS88975-1115

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	<i>i</i>	SYNC. RPM	F.L. RPM	FRAME	ENCLOS	SURE K	VA CODE	DESIGN
5	3.7	,	1200	1170	215T	TEF	С	J	В
		1			1	1	1	¬	
PH	Hz	VOLT	S FL AMPS	S START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
		1]				

	112	VOLIS	I L AWII 5	START THE	D011	INOL	0.1	ANDC	LLLVATION
3	60	575	5.6	LINE OR	CONTINUOU	F3	1.15	40	3300
				INVERTER	S				

FULL LOAD EFF: 90.2	3/4 LOAD EFF: 90.2	1/2 LOAD EFF: 89.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 75	3/4 LOAD PF: 67	1/2 LOAD PF: 55	88.5	SQ CAGE INV RATED	3

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
22.5 LB-FT	36.8	47 LB-FT 209	79 LB-FT 351	45

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
55 dBA	65 dBA	1 LB-FT^2	80 LB-FT^2	25 SEC.	2	140 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	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	1144	ROLLED STEEL
6307	6206					STRESSPROOF	
						(C-223)	

	THERMO-PF	ROTECTORS	THERMISTORS	CONTROL	SPACE /n HEATERS	
THERMOSTATS	THERMOSTATS PROTECTORS WDG RTDs BRG RTDs					
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: CONSTANT 20:1 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: 06/22/2017 08:24:09 AM FORM 3531 REV.3 02/07/99 ** Subject to change without notice.

