## **PRODUCT INFORMATION PACKET**

Model No: 213TTFWD16035 Catalog No: C390B XRI® General Purpose General Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM, 213TC Frame, TEFC



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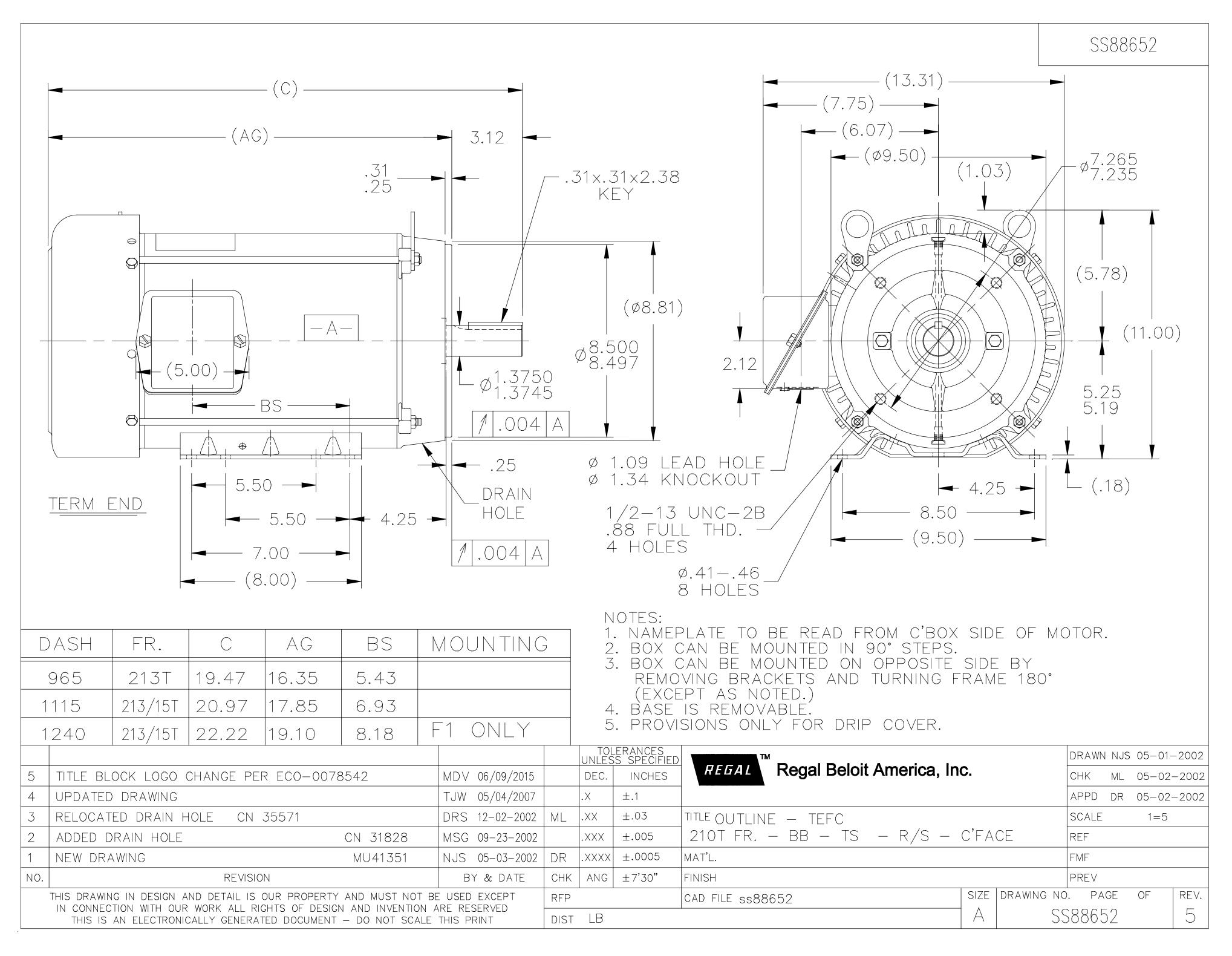
### Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	208-230/460 & 190/380 V
Speed	1765 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	20.8-19.6/9.8 & 16.6/8.3 A	Power Factor	78.3
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	Н
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Υ
CE	Y	IP Code	43
Number of Speeds	1		

### **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	1.18 Ohms	Mounting	Bolt-on Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	т	Overall Length	19.47 in
Frame Length	9.65 in	Shaft Diameter	1.375 in
Shaft Extension	3.13 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	005010.01	Outline Drawing	SS88652-965

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(•) marath						athc	ON® PH. 715-675-3311						
					22		electi						
											DATA VOLTS:	460	
					CEF	RTIFICA	TION DAT	A SHE	ET				
CUSTOM	ER:							CUSTO	OMER P.O. #:				
ORDER #:	:						R	REFERENCE MODEL #:		213TTFWD1	6035		
CONN. DIAGRAM:		005010.01						CAT #:					
	OUTLINE: SS88652-965				CUSTOMER PART #: MOUNTING: F1/F2 CAPABLE					_			
WINDING: SPEED:			K2134279	R1	2				MOUNTING:	F1/F2 CAPAE	3LE		
SFLLD.		<u>.</u>		Т	YPICAL	мото	R PERFOR	RMANC	E DATA				
НР	кw	SYNC	CRPM	FL R			AME			ТҮРЕ	KVA CO	DE	DESIGN
								ENCLOSURE					
7.5	5.6	18	300	176	5	21	I3TC	TEFC		TFW	Н		В
РН	HZ		LTS	AMI	20	STAR	T TYPE		DUTY	INSL	S.F.	AMB	ELEV.
<u>РН</u> 3	60/50			AIVI 20.8-19.6/9.8			S THE LINE		CONT	F	5.F. 1.15	40	3300
<b>—</b> —	00/00									<u> </u>			0000
	F.L. EFF	91.7		3/4 LD EFF	91.6	91.6 1/2 LD EFF		90.6	GTD EFF		ELECT. TY	'PE	
	F.L. PF	78.3		3/4 LD PF	72.6		1/2 LD PF	60.4 91.0			SQ CAGE INE	RUN	
<b>51 T</b>								UE F.L. RISE (°C)		(° <b>c</b> )	<u> </u>		
22.3	F.L. TORQUE LR AMPS @ 460 V   22.3 LB-FT 67.5		52.9	L.R. TORQUE 52.9 LB-FT 237%		B.D. TORQI 75.0 LB-FT		336%	55	( )			
LL.O	2011		07.0		02.0	2011	20170	70.0	2011	00070	00		
@:	3 FT.	FT. POWER ROTOR WK <sup>2</sup>		R WK <sup>2</sup>	MAX. LOAD WK <sup>2</sup> SAFE STALL TIME		TALL TIME	STARTS/HOUR MO		мото	R WGT		
62	dBA	71	dBA	0.85	LB-FT <sup>2</sup>	62	LB-FT <sup>2</sup>	15 SEC.			2	140	LB.
					*** 611		NTAL INFO	DMATIC	NI ***				
		ODE B	RACKET	MOUNT			SEVERE		ARDOUS	DRIP			
	KET TYPE			TYPE	ORIENTATION DUTY		LOCATION		COVER	SCREENS	PAINT		
C-F	ACE	STAN	IDARD	BOLT-ON	HORIZ	ONTAL	NO	١	IONE	YES	NONE	BLUE (E	ENAMEL)
BEA	RINGS												
DE	ODE	GRE	EASE	SHAFT	TYPE	SPEC	CIAL DE	SPEC	CIAL ODE	SHAFT	MATERIAL	FRAME N	IATERIAL
BALL	BALL		REX EM	т		N	ONE	NONE				ROLLED STEEL	
6309	6206	FULT		1		IN	ONE	NONE		1045 HOT ROLLED (C-204)		ROLLED STEEL	
		1		r		1	r			1		60	ACE
THERM	IOSTATS	PROTECTORS WDG RTD's		BRG RTD'S THERMISTOR		MISTORS	CONTROL		SPACE HEATERS				
	ONE	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 ODE				
0	.76	1.1	108	2.45	00	3	.173	5	0.414	1 0	.150	0	UE
*													
N									INVERT	ER TORQUE:	NONE		
0								INV. HP SP	EED RANGE:	NONE			
Т													
E S							ENCODER: NONE NONE						
*					NONE NONE PPR				PPR				
						BRAKE:	NONE						
PREP	PARED BY:			A				NONE NONE					
DATE: 9/11/2018				FT-LB: NA									
				VOLTAGE: NONE HZ:									
FORM: 3531 REV_4 2/27/06					UL: V-INS, CONST UL REC								

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