## PRODUCT INFORMATION PACKET

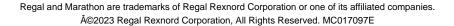


Model No: 213TTFN16101 Catalog No: L411B

XRI® General Purpose General Purpose Motor, 2 & 1.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,

900 & 750 RPM, 213T Frame, TEFC







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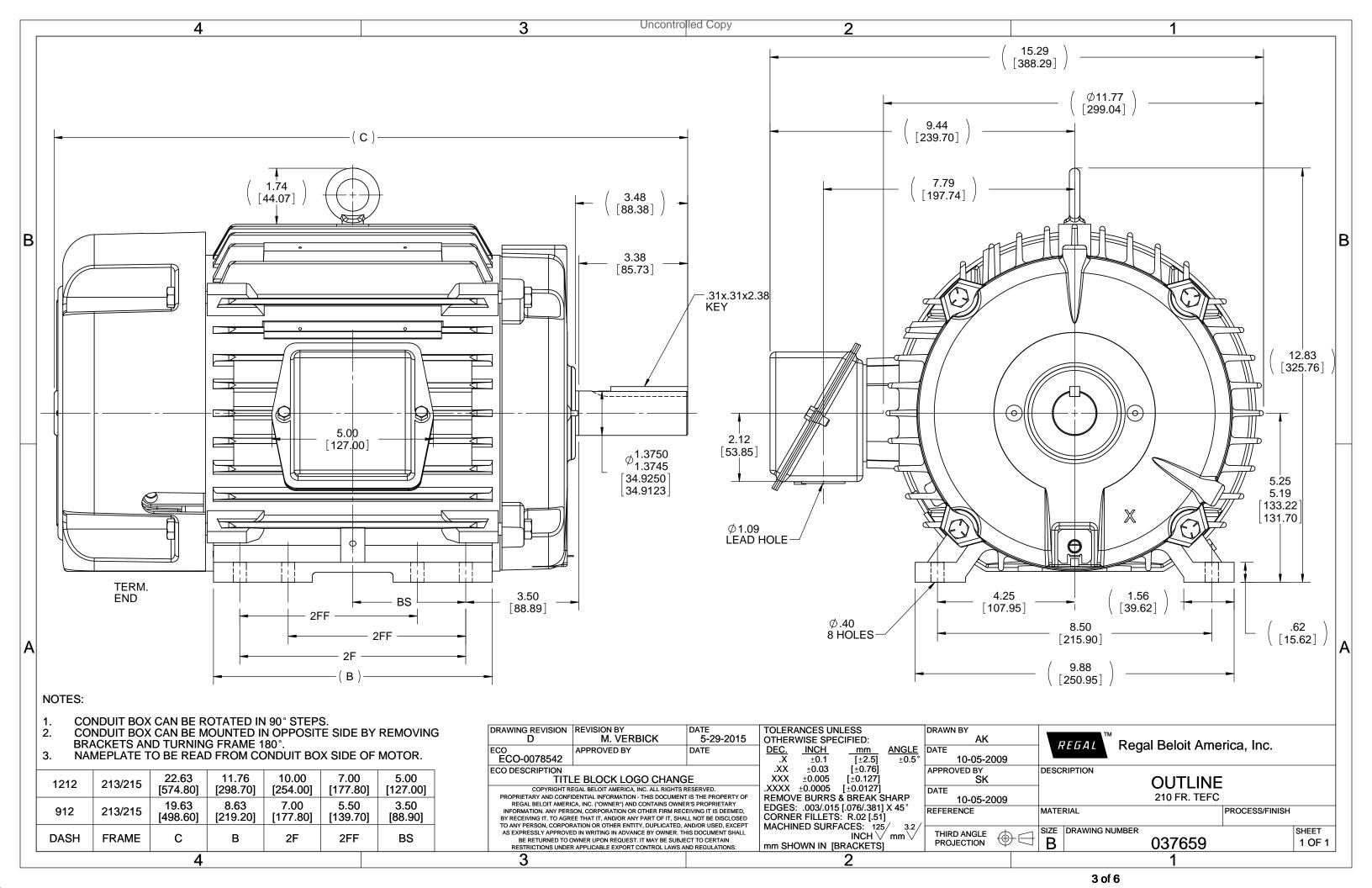
## Nameplate Specifications

3	Output HP	2 & 1.50 Hp		
1.5 & 1.1 kW	Voltage	230/460 & 190/380 V		
885 & 725 rpm	Service Factor	1.15 & 1.15		
213T	Enclosure	Totally Enclosed Fan Cooled		
No Protection	Efficiency	86.5 & 78.5 %		
40 °C	Frequency	60 & 50 Hz		
8/4 & 8.2/4.1 A	Power Factor	56		
Continuous	Insulation Class	F		
В	KVA Code	L		
6307	Opp Drive End Bearing Size	6208		
Recognized	CSA	Υ		
Υ	IP Code	43		
1				
	1.5 & 1.1 kW  885 & 725 rpm  213T  No Protection  40 °C  8/4 & 8.2/4.1 A  Continuous  B  6307  Recognized	1.5 & 1.1 kW  885 & 725 rpm Service Factor  213T Enclosure  No Protection Efficiency  40 °C Frequency  8/4 & 8.2/4.1 A Power Factor  Continuous Insulation Class  B KVA Code  6307 Opp Drive End Bearing Size  Recognized  CSA		

## **Technical Specifications**

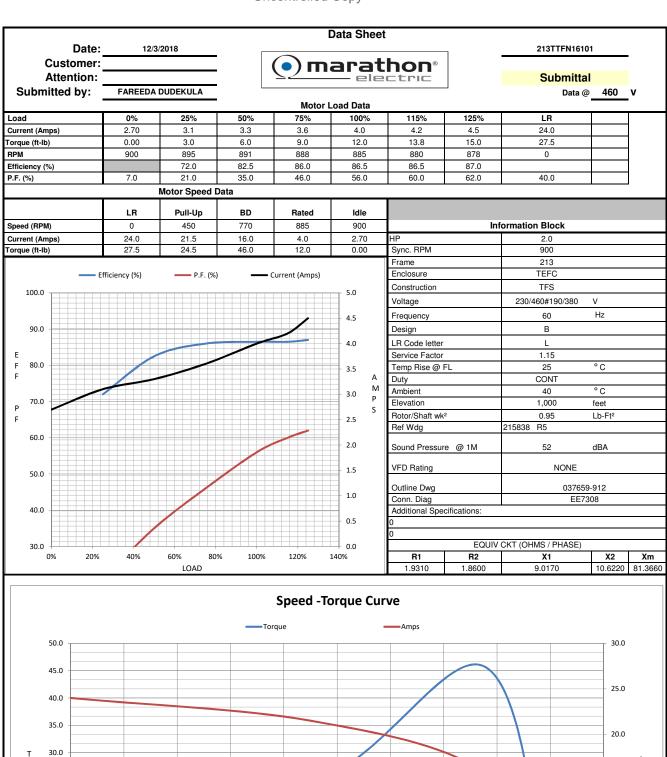
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Resistance Main	3.5 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Overall Length	19.63 in
Frame Length	9.12 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	037659-912	Connection Drawing	EE7308

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									P.O. BOX 8003					
(•) maratho						WAUSAU, WI 54401-8003								
	PH. 715-675-3311													
											DATA VOLTS:	460		
											DATA VOLIS.	400		
CERTIFICATION DATA SHEET														
OUCTOM	-n.							OUOTO	MED D O. #.					
CUSTOME ORDER#:							-		MER P.O. #:	213TTFN161	11			
CONN. DI		EE7308					•	LI LIILIIO	CAT #:		411B			
OUTLINE:	:	037659-912	2					CUSTON	IER PART #:					
WINDING:			215838	R5	6				MOUNTING:	F1/F2 CAPAE	BLE			
SPEED:				_	VD10 41									
	1			<u> </u>	YPICAL	MOTO	R PERFO	RMANC	E DATA	1	ı		ı	
HP	KW	SYNC	RPM	FL R	PM	FR	FRAME		ENCLOSURE		KVA CODE		DESIGN	
2	1.5	90	0	88	5	2	13T	т	EFC	TFN	L		В	
	1.0	30		1 00			101	'		1114				
		1/2:		·			T TVDE			l moi			·	
<b>PH</b> 3	<b>HZ</b> 60/50	VOL 230/460#		8/4&8.	-		T TYPE THE LINE		ONT	INSL F	<b>S.F.</b> 1.15	<b>AMB</b> 40	3300	
3	60/30	230/400#	190/360	0/4α0.	2/4.1	AUNUSS	) ITE LINE	U	ONI	Г	1.15	40	3300	
	F.L. EFF	86.5		3/4 LD EFF	86.0		1/2 LD EFF	82.5	GTD EFF		ELECT. TY	PE		
	F.L. PF	56.0		3/4 LD PF	46.0		1/2 LD PF	35.0	84.0		SQ CAGE IND	RUN		
												.0	ı	
	ORQUE LB-FT	LR	AMPS @ 24.0				B.D. TORQI			F.L. RISE (°C)				
12.0	LB-F1		24.0		27.5 <b>LB-FT</b> 229%		229%	46.0 <b>LB-FT</b>		383%	25			
@:	3 FT.	POW	/ER	ROTOF	R WK <sup>2</sup>	VK <sup>2</sup> MAX. LOAD WK <sup>2</sup>		SAFE STALL TIME		STARTS/HOUR		МОТО	R WGT	
52	dBA	61 (	dBA	0.95	LB-FT <sup>2</sup>	0	LB-FT <sup>2</sup>	20	SEC.		4	215	LB.	
				`	*** 011									
		ODE BR	ACKET	MOUNT			SEVERE	PRMATION *** HAZARDOUS		DRIP	1			
DE BRAC	DE BRACKET TYPE		PE	TYPE		TATION			SCREENS	PAINT				
STAN	IDARD	STANE	DARD	RIGID	HORIZ	ONTAL	NO	N	ONE	NO	NONE	BLUE (ENAMEL)		
DEAL	DINOC			ı			1			ı		1		
DE	RINGS ODE	GREA	ASE	SHAFT	TYPE	SPEC	CIAL DE	SPECIAL ODE		SHAFT	MATERIAL	FRAME MATERIAL		
BALL	BALL	DOL VID	EV EM	_			ONE	NONE		40.45 LIOT B	POLLED (0.004) 0A6		IDON	
6307	6208	POLYREX EM		Т		INC	ONE	NONE		1045 HOT ROLLED (C-204)		CAST IRON		
				1		1				1		0.0	105	
THERMOSTATS		PROTEC	CTORS	WDG F	RTD's	BRG RTD's		THERMISTORS		CONTROL		SPACE HEATERS		
NONE		NO		100		NONE		NONE		FALSE		NA NA		
										1				
R1 (ohms/ph)		R2 (ohn	• •		hms/ph) X2 (ohms		-	Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT		
1.931 1.86		9.0	9.017 10.622		81.366		0.150		ODE					
*														
N									INVERT	R TORQUE:	NONE			
0								INV. HP SPEED RANGE: NONE						
Т														
	E						ENCODER: NONE NONE							
S .							NONE			NONE	PPR			
									BRAKE:	NONE				
PREP	PREPARED BY: FAREEDA DUDEKULA						NONE NONE							
<b>DATE:</b> 9/11/2018					FT-LB: NA									
FORM, 0504 PEV 4 - 0/07/00					VOLTAGE: NONE HZ:									
FORM: 3531 REV_4 2/27/06						UL: V-INS, CONST UL REC								



0

R

Q U 25.0

20.0

15.0

10.0

5.0

0.0

0

100

200

300

800

900

Μ

15.0

10.0

5.0

0.0

1000

600

700

500