## **PRODUCT INFORMATION PACKET**

Model No: 213TTGCD6528 Catalog No: C366C Hazardous Duty® Explosion Proof Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 213TC Frame, EPFC



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Motors



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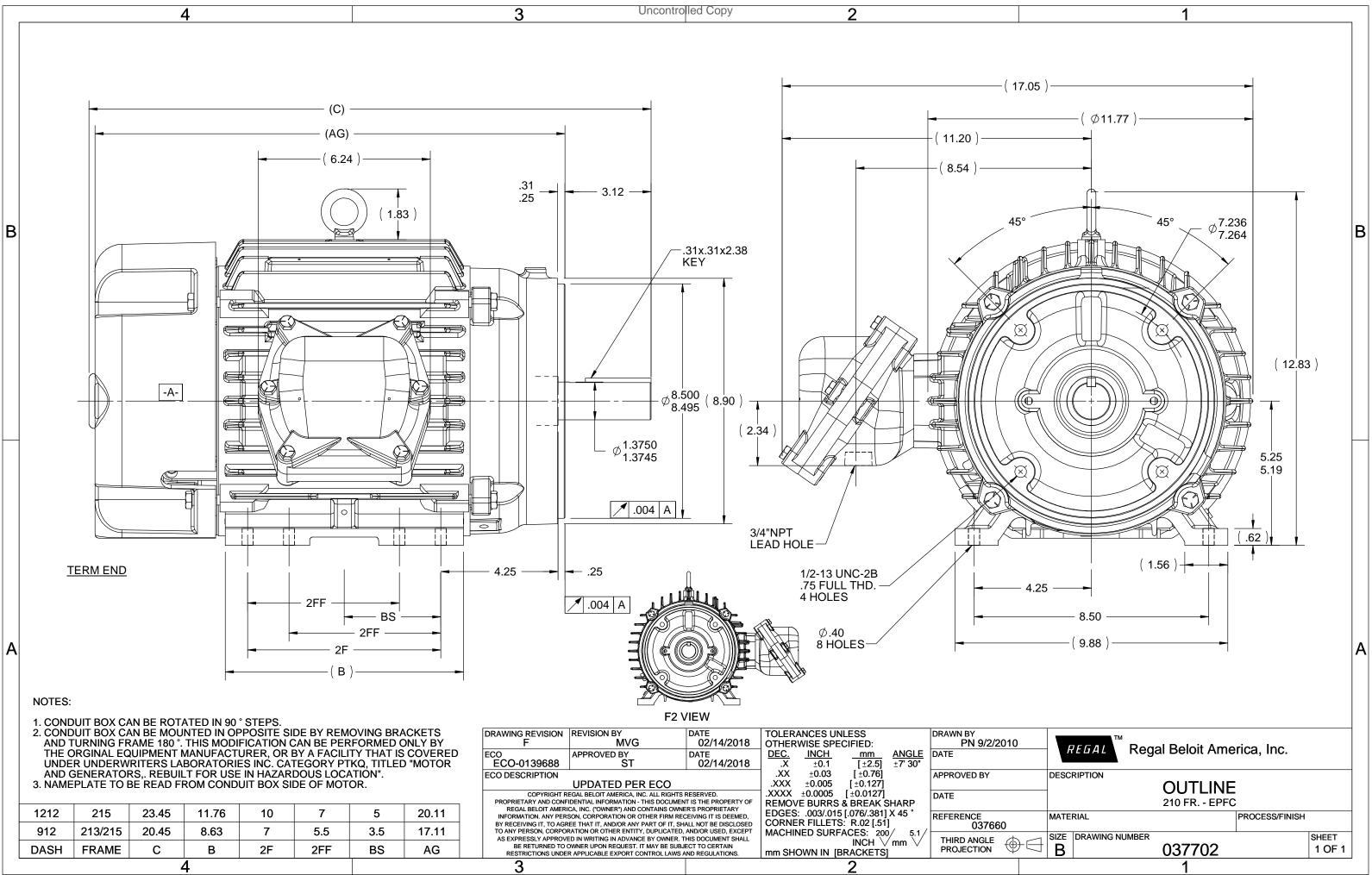
#### Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1768 & 1475 rpm	Service Factor	1.15 & 1.00
Frame	213TC	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	91.7 & 90.2 %
Ambient Temperature	50 °C	Frequency	60 & 50 Hz
Current	19/9.5 & 16.2/8.1 A	Power Factor	79.3
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	Н
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	UL Listed And CSA Certified	CSA	Υ
CE	Ν	IP Code	54
Number of Speeds	1	Hazardous Location	DIV 1 EXP PROOF CL I GR CD CL II GR FG T3C

### **Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter	
Poles	4	Rotation	Reversible	
Resistance Main	1.473 Ohms	Mounting	Rigid Base	
Motor Orientation	Horizontal	Drive End Bearing	Ball	
Opp Drive End Bearing	Ball	Frame Material	Cast Iron	
Shaft Type	т	Shaft Diameter	1.375 in	
Assembly/Box Mounting	F1 ONLY	Inverter Load	CONSTANT 10:1	
Connection Drawing	A-EE7308T	Outline Drawing	037702-912	

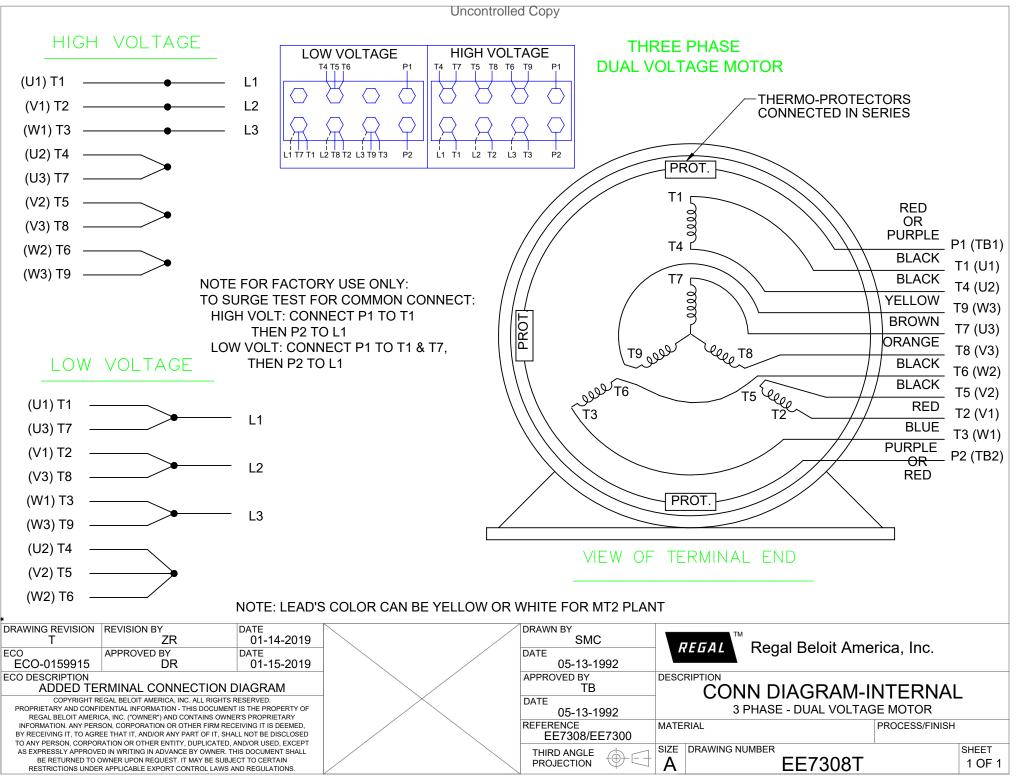
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1212	215	23.45	11.76	10	7	5	20.11
912	213/215	20.45	8.63	7	5.5	3.5	17.11
DASH	FRAME	С	В	2F	2FF	BS	AG
	4						

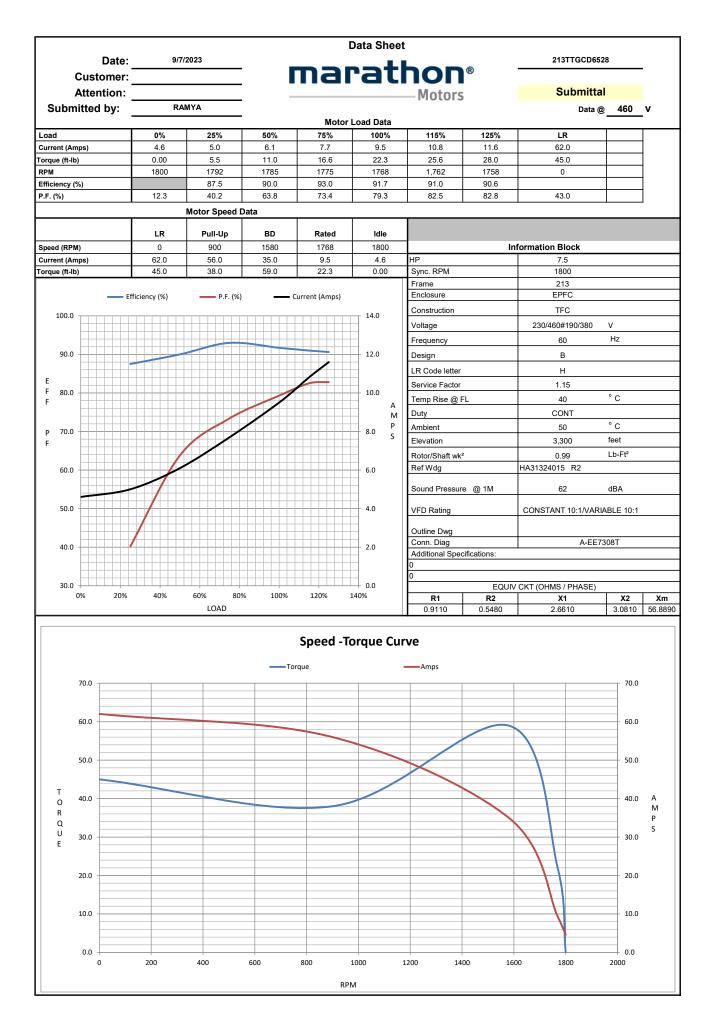
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F	MVG	02/14/2018	-	RWISE SPE			PN 9/2/2	010	
ECO	APPROVED BY	DATE	DEC.	<u>INCH</u>	mm		DATE		
ECO-0139688	ST ST	02/14/2018	.X.	±0.1	[±2.5]	±7' 30"			
ECO DESCRIPTION			.XX	±0.03	[ ±0.76]		APPROVED BY		
	UPDATED PER ECO		.XXX	±0.005	[±0.127]				
	EGAL BELOIT AMERICA, INC. ALL RIGHTS		XXXX.		[±0.0127]		DATE		
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RESTRICTIONS UNDER	mm SH	OWN IN [B	RACKETS	]	PROJECTION	Ŷ	-		
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				ma	arathon®			PH. 715-6	WI 54401-8003 75-3311			
					CERTIFICAT	ION DATA		A VOLTS:	460			
CUSTOME	R:						CUSTOMER P.O. #:					
ORDER #: CONN. DIA OUTLINE:		A-EE7308T 037702-912					REFERENCE MODEL #: CAT #: CUSTOMER PART #:		C366C			
WINDING: SPEED:		HA31324015	R2	2	TYPICAL MOTOR	PERFORM		F1 ONLY				
HP	ĸw	SYNC RPM	FL	RPM	FRAME		ENCLOSURE	TYPE	KVA CODE		DESIGN	
7.5	5.6	1800	1	768	213TC		EPFC	TFC	н		В	
PH	HZ	VOLTS	A	MPS	START TYPE		DUTY	INSL	S.F.	AMB	ELEV.	
3	60/50	230/460#190/380		\$16.2/8.1	LINE OR INVERTER		CONT	F	1.15	50	3300	
	F.L. EFF F.L. PF		3/4 LD EFF 3/4 LD PF	93.0 73.4	1/2 LD E 1/2 LD		GTD EFF 91.0		ELECT SQ CAGE II			
F.L. 22.3	. TORQUE	LR AMPS @ 62.0	460 V	45.0	L.R. TORQUE	59.0	B.D. TORQUE	265%	F.L. RISE (° C 40			
	RESSURE @ 3 FT.	SOUND POWER	ROTO	DR WK <sup>2</sup>	MAX. LOAD WK <sup>2</sup>		SAFE STALL TIME		STARTS/HOUR	APROX.	MOTOR WGT	
62	dBA	71 dBA		LB-FT <sup>2</sup>	65 LB-FT <sup>2</sup>	25	SEC.		2		LB.	
			MOUNT		*** SUPPLEMEN	TAL INFOR	MATION ***	DRIP		1		
	ACKET TYPE	ODE BRACKET TYPE STANDARD	TYPE RIGID	MOTOR ORIE HORIZO		DIV 1 E	HAZARDOUS LOCATION XP PROOF CL I GR CD CL II GR FG T3C	COVER NO	SCREENS NONE	BLUE	PAINT RAL 5003 (EPOXY)	
	ARINGS	GREASE	SHAF	T TYPE	SPECIAL DE		SPECIAL ODE	SHA	FT MATERIAL	FR	AME MATERIAL	
DE BALL 6309	ODE BALL 6208	POLYREX EM		Ţ	NONE		NONE		1045 HOT ROLLED (C-204)		CAST IRON	
THE	RMOSTATS	PROTECTORS	WDG	RTD's	BRG RTD's		THERMISTORS		CONTROL		E HEATERS	
TST	ATS (N/C)	NOT	N	ONE	NONE	NONE FALSE			NA			
	(ohms/ph) 0.911	R2 (ohms/ph) 0.548		n <b>ms/ph)</b> 661	X2 (ohms/ph) 3.081	Xm (ohms/ph) VIBRATION (in/sec)   56.889 0.080			FLOAT ODE			
• N O T							INVERTER INV. HP SPEE		CONSTANT 10:1/VARIABI	E 10:1		
E S							ENCODER: NONE NONE	NONE		NONE	PPR	
PREPARED BY:						_	NONE BRAKE: NONE FT-LB:	NONE	NONE	NUNE	TTN	
FORM: 35		2/27/06				UL:	VOLTAGE: NO LETTER - ALL BRANDS-UL LISTED A	ND CSA CE	NONE	s	HZ	



Certificate Number Report Reference Issue Date	20220222- E12044 E12044-20090313 2022-FEBRUARY-22
Issued to:	REGAL BELOIT AMERICA INC 1946 W COOK RD FORT WAYNE IN 46818
	Tradename: Marathon
This certificate confirms that representative samples of	MOTORS FOR USE IN HAZARDOUS LOCATIONS Electric motors for use in hazardous locations; Class I, Groups C and D; Class II, Groups F and G; Inclusive of Model Number 213TTGCD6528 (may have prefix and/or suffix characters).
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 674 - Electric Motors and Generators for Use in Division 1 Hazardous (Classified) Locations,
	CSA C22.2 No. 145, Electric Motors and Generators for Use in Hazardous (Classified) Locations
Additional Information:	See the UL Online Certifications Directory at <a href="https://iq.ulprospector.com">https://iq.ulprospector.com</a> for additional information.

CERTIFICATE OF COMPLIANCE

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Barnally

Bruce Mahrenholz, Director North American Certification Program

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