PRODUCT INFORMATION PACKET

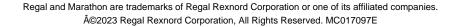


Model No: 213TTGND16027 Catalog No: C325C

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







Product Information Packet: Model No: 213TTGND16027, Catalog No:C325C 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



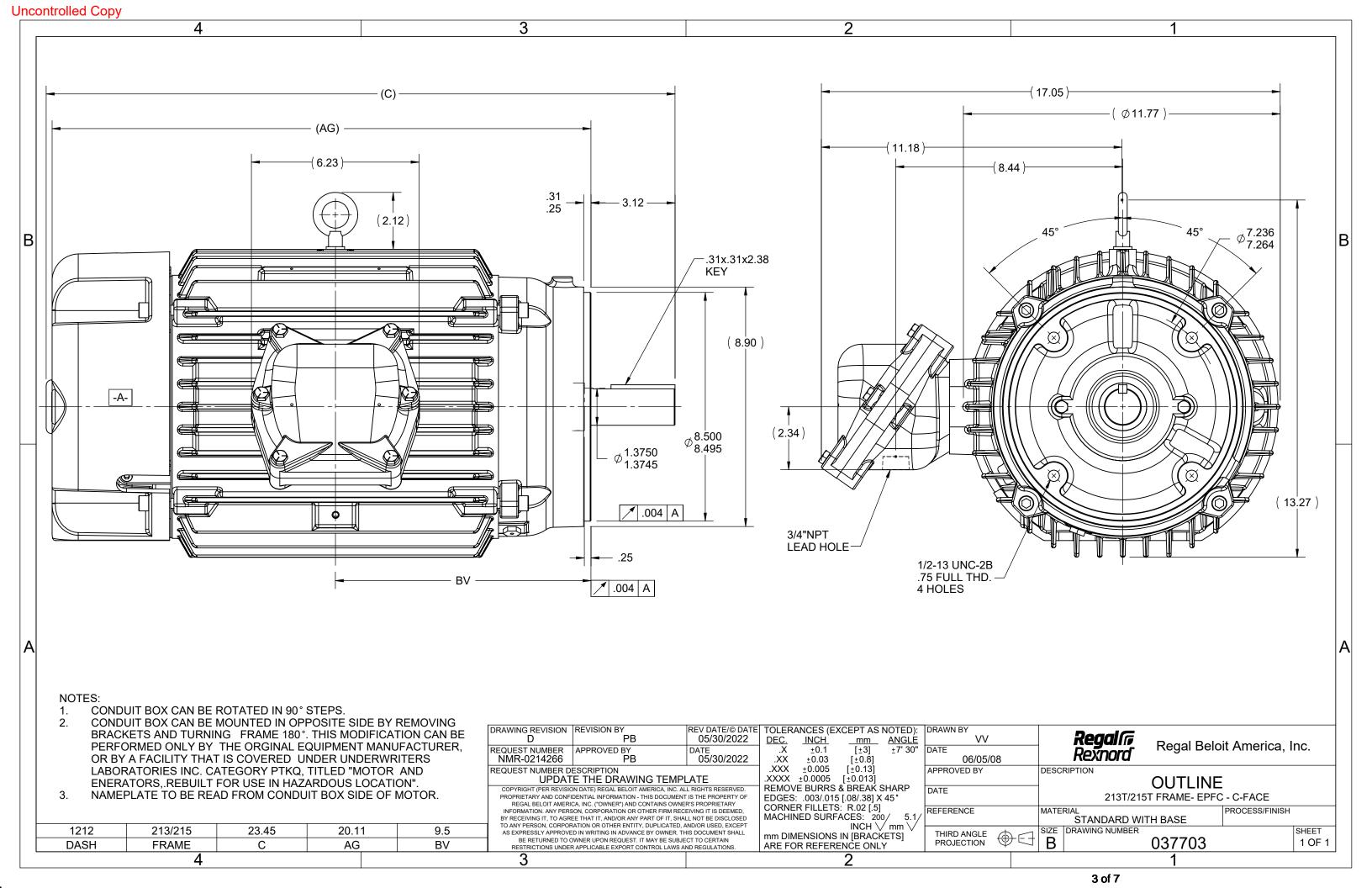
Nameplate Specifications

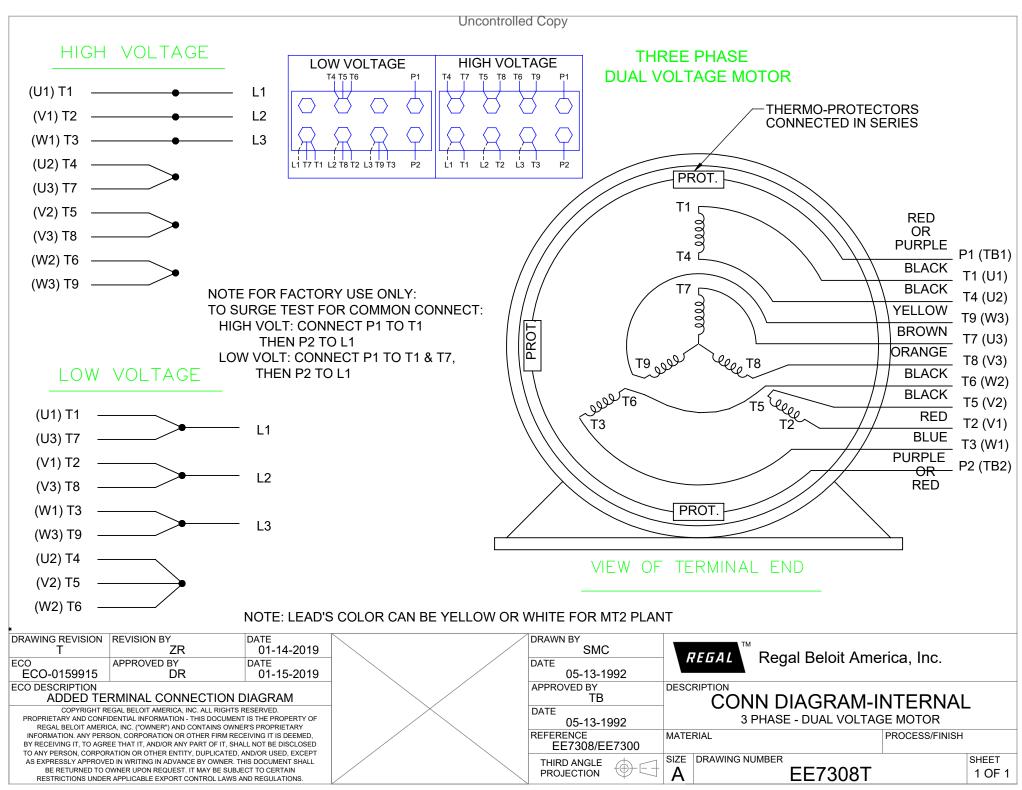
Phase	3	Output HP	7.50 & 5 Hp		
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V		
Speed	1765 & 1475 rpm	Service Factor	1.0 & 1.0		
Frame	213TC	Enclosure	Explosion Proof Fan cooled		
Thermal Protection	Thermostat	Efficiency	91.7 & 91 %		
Ambient Temperature	40 °C	Frequency	60 & 50 Hz		
Current	19.2/9.6 & 17.4/8.7 A	Power Factor	79.2		
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; also, UL Certified for Canada	CSA	N		
CE	N	IP Code	54		
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR D CL II GR F&G T3B		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	1.18 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Overall Length	23.45 in
Frame Length	12.12 in	Shaft Diameter	1.375 in
Shaft Extension	3.12 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	037703-1212	Connection Drawing	EE7308T

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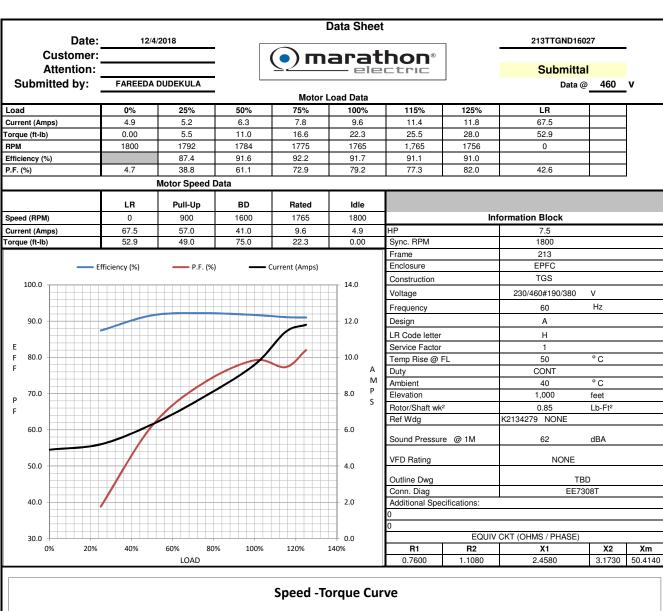


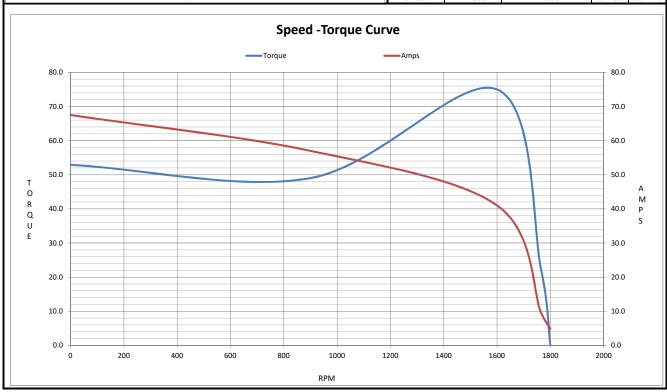


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					<u> </u>		elect			PH. 715-675	-3311		
								1.1.					
											DATA VOLTS:	460	
CERTIFICATION DATA SHEET													
CUSTOM									MER P.O. #:				_
ORDER #:				F	REFERENC	E MODEL #:				_			
CONN. DI		EE7308T						CAT #: C325B					
OUTLINE		TBD	1/0404070	NONE	0				MER PART #:	E4 ONLY			_
WINDING: SPEED:			K2134279	NONE	2				MOUNTING:	FIUNLY			
SPEED.				т	VDICAL	MOTO	R PERFO		EDATA				
	1			<u> </u>	TFICAL	. IVIOTO	n PENFO	NIVIAINO	EDATA		I		
HP	кw	SYN	C RPM	FLR	PM	FF	RAME	ENCI	OSURE	TYPE	KVA CO	DE	DESIGN
7.5	5.6	18	800	176	65	21	13TC	Т	EFC	TFN	Н		В
PH	HZ	VC	LTS	AM	PS	STAF	RT TYPE	n	UTY	INSL	S.F.	AMB	ELEV.
3	60/50)#190/380	19.2/9.6&		+	S THE LINE		ONT	В	1.15	40	3300
					,								
	F.L. EFF	91.7		3/4 LD EFF	92.2		1/2 LD EFF	91.6	GTD EFF		ELECT. TY	PE.	
	F.L. PF	79.2		3/4 LD PF	72.9		1/2 LD PF 61.1 91.0		91.0	SQ CAGE IND RUN			
F.L. T	ORQUE	LI	R AMPS @	460 V		L.R. TORQ	UE		B.D. TORQU	JE	F.L. RISE	(°C)	
22.3	LB-FT		67.5		52.9	LB-FT	237%	75.0	LB-FT	336%	50		
				ı		1						1	
	3 FT.		WER	ROTOR		MAX. LOAD WK ²		SAFE STALL TIME		STARTS/HOUR		MOTOR WGT	
62	dBA	71	dBA	0.85	LB-FT ²	45	LB-FT ²	25	SEC.		2	140	LB.
					*** CI	IDDI EME	NTAL INFO	DMATIO	NI ***				
		ODF B	RACKET	MOUNT		TOR	SEVERE		ARDOUS	DRIP	I		
DE BRAC	KET TYPE	-	YPE	TYPE	-	NTATION DUTY		LOCATION		COVER	SCREENS	PAINT	
C-F	ACE	STAN	NDARD	ROUND	HORIZ	ZONTAL	NO	OF CLIG	R D CL II GR	NO	NONE	GRAY (E	ENAMEL)
BEA	RINGS	GR	EASE	SHAFT	TVPF	SPEC	SPECIAL DE		SPECIAL ODE		MATERIAL	FRAME N	//ATERIAL
DE	ODE	U.I.	LAGE	Ona i		0. 2	JIAL DL	OI EGIAL ODE		SHAFT	III/AT ETITAL		
BALL	BALL	POLY	REX EM	Т		N	ONE	NONE		1045 HOT ROLLED (C-204)		CAST IRON	
6309	6208										. ,		
-				1		1						CD.	ACE
THERMOSTATS PROTECTORS		WDG RTD's BRG RTI		RTD's	THERMISTORS		CONTROL		SPACE HEATERS				
TSTATS (N/C) NOT			NONE		NONE		NONE		FALSE		NA		
	(, .)		-										
R1 (ol	R1 (ohms/ph) R2 (ohms/ph)		X1 (ohr	X1 (ohms/ph) X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT			
0.76 1.108		108	2.458		3	.173	50.414		0.150		ODE		
*													
N										R TORQUE:			
0		INV. H						INV. HP SPI	ED RANGE:	NONE			
T									FUGGRER	NONE			
E S									ENCODER:	NONE			
*								NONE NONE PPR					
-										NONE		14011	
PREPARED BY: FAREEDA DUDEKULA					BRAKE: NONE NONE NONE NONE								
DATE: 9/12/2018					FT-LB: NA								
					VOLTAGE: NONE HZ:								

FORM: 3531 REV_4 2/27/06

UL: NONE





CERTIFICATE OF COMPLIANCE

Certificate Number
Report Reference

20220222- E12044 E12044-20090313 2022-FEBRUARY-22

Issued to:

Issue Date

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 213TTGND16027 (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

https://iq.ulprospector.com for additional information.

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.

Bambles

Bruce Mahrenholz, Director North American Certification Program

UL LLC

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