PRODUCT INFORMATION PACKET

Model No: 213TTGN16027 Catalog No: C325B 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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Nameplate Specifications

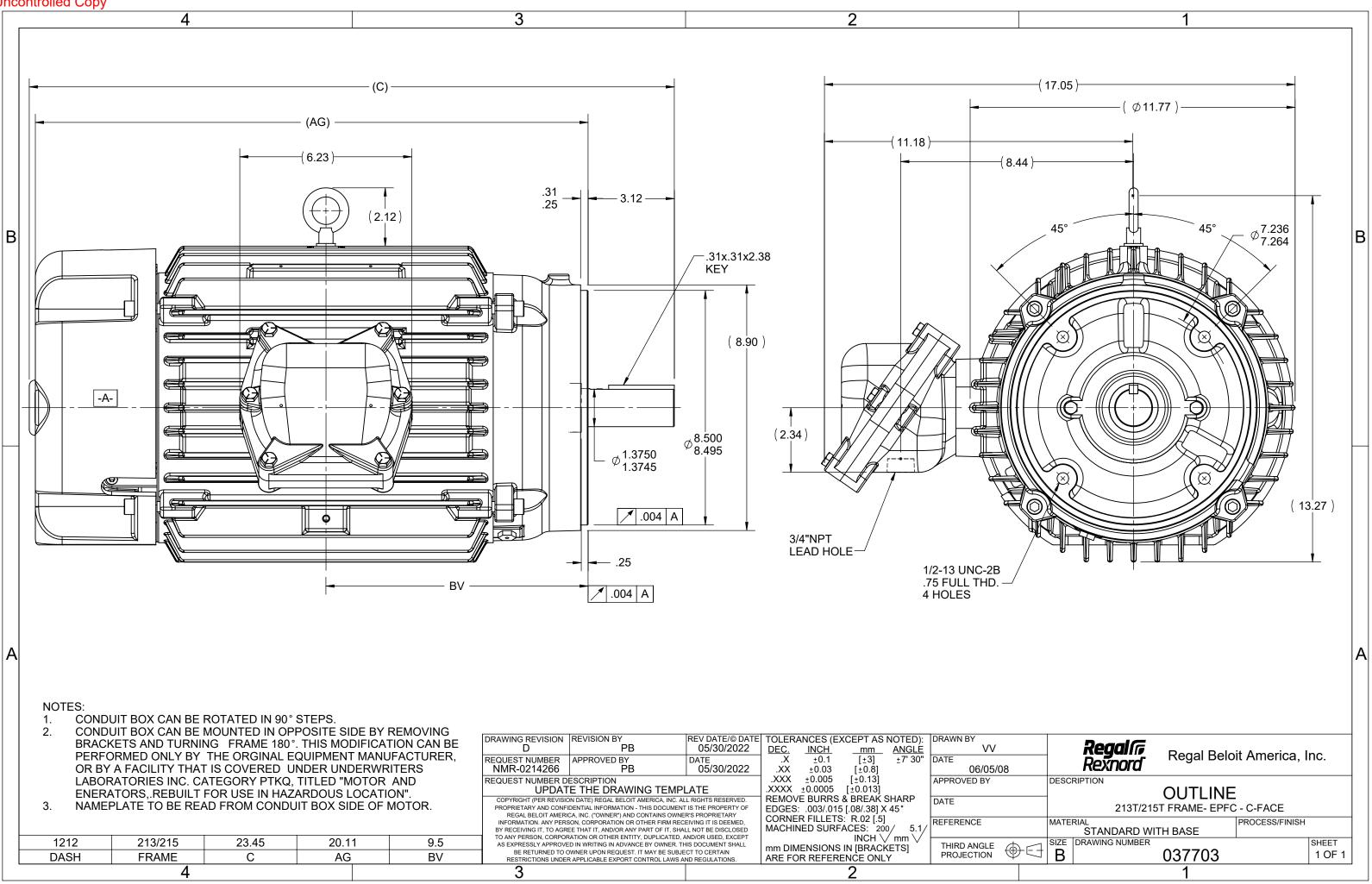
Phase	3	Output HP	7.50 & 5 Hp		
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V		
Speed	1765 & 1475 rpm	Service Factor	1.0 & 1.0		
Frame	213TC	Enclosure	Explosion Proof Fan cooled		
Thermal Protection	Thermostat	Efficiency	91.7 & 91 %		
Ambient Temperature	40 °C	Frequency	60 & 50 Hz		
Current	19.2/9.6 & 17.4/8.7 A	Power Factor	79.2		
Duty	Continuous	Insulation Class	В		
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	Ν		
CE	Ν	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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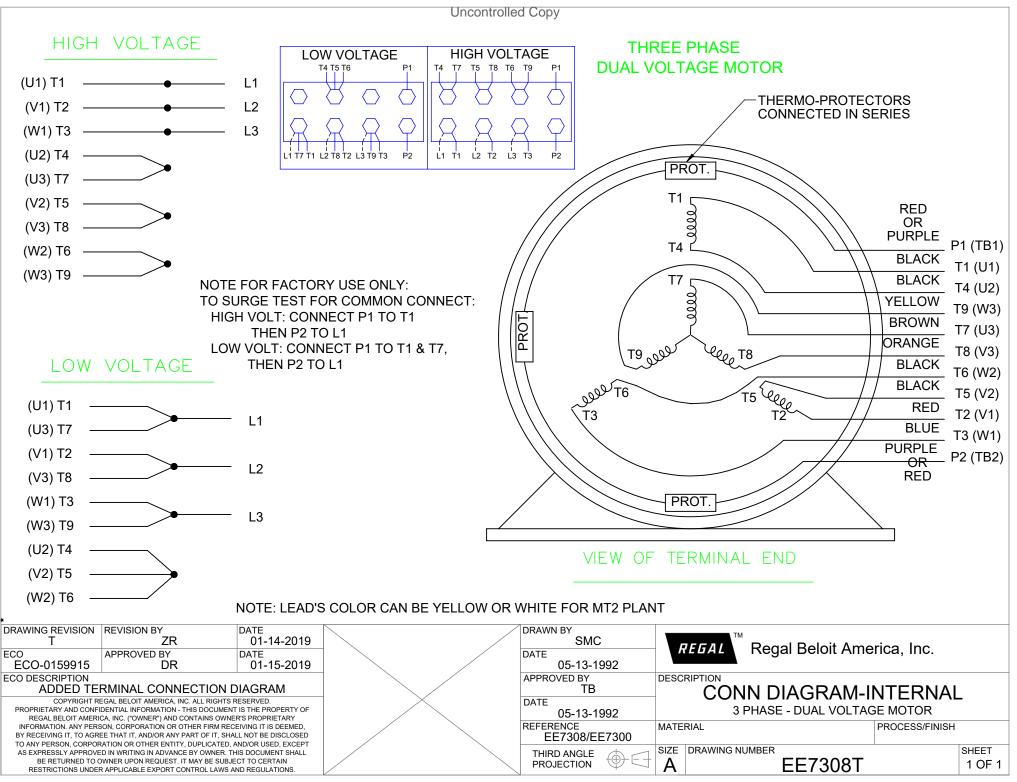
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1212	213/215	23.45	20.11	9.5
DASH	FRAME	С	AG	BV
	4			

	D	PB	05/30/2022	DEC.	INCH	mm	ANGLÉ		VV		
	REQUEST NUMBER	APPROVED BY	DATE	X. [±0.1	[±3]	±7' 30"	DATE			
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(•) marath									PH. 715-675				
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											DATA VOLTS:	460	
					CEI	RTIFICA	TION DA	TA SHE	ET				
CUSTOM	ER:							CUSTO	OMER P.O. #:				
ORDER #:							F		E MODEL #:		27		
CONN. DI	AGRAM:	EE7308T						CAT #: C325B				-	
OUTLINE:		037703-12						CUSTO	MER PART #:				_
WINDING: SPEED:			K2134279	NONE	2				MOUNTING:	F1 ONLY			
OI LLD.				T	YPICAL	мото	R PERFO	RMANC	E DATA				
					-								
HP	KW	SYN	C RPM	FL R	PM	FR	RAME	ENCLOSURE		TYPE	KVA CODE		DESIGN
7.5	5.6	1	800	176	5	21	I3TC	ר	TEFC	TFN	н		В
РН	HZ	VC	DLTS	AMF	PS .	STAR		г	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50		#190/380	19.2/9.6&			S THE LINE		ONT	B	1.15	40	3300
	F.L. EFF F.L. PF	91.7		3/4 LD EFF	92.2		1/2 LD EFF	91.6	GTD EFF		ELECT. TY		
	F.L. PF	79.2		3/4 LD PF	72.9		1/2 LD PF	61.1	91.0		SQ CAGE INE	RUN	
F.L. T	ORQUE	L	R AMPS @	460 V		L.R. TORQ	UE	B.D. TORQ		UE F.L. RISE (°C)		(°C)	
22.3	LB-FT		67.5		52.9	LB-FT	237%	75.0 LB-FT		336%	50		
@ 3 FT. 62 dBA		71	dBA	80T0F 0.85	LB-FT ²	45	OAD WK ² LB-FT ²	25 SAFE S	SEC.	STAR	2 2	140	R WGT LB.
				2011	45	2011	25	020.		L	140		
							NTAL INFO						
DE BRAC	KET TYPE		RACKET YPE	MOUNT TYPE	MOTOR SEVERE ORIENTATION DUTY		HAZARDOUS LOCATION		DRIP COVER	SCREENS	S PAINT		
	ACE	STANDARD ROUND					DOF CLIGR D CLIGR			NONE	GRAY (ENAMEL)		
											•		
	RINGS	GR	EASE	SHAFT	ТҮРЕ	SPEC	CIAL DE	SPEC	IAL ODE	SHAFT	MATERIAL	FRAME N	ATERIAL
DE BALL	ODE BALL												
6309	6208	POLYREX EM		Т		NONE		NONE		1045 HOT ROLLED (C-204)		CAST IRON	
TUEDA	007470	DDOT		WD0 5	TD1-			TUER	MOTODO				ACE
	IOSTATS	NOT PROTECTORS			OG RTD'S BRG RTD'S NONE NONE		THERMISTORS NONE		FALSE		HEATERS NA		
.014	- (
	nms/ph)	R2 (ohms/ph) X1 (ohms/ph)		X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT			
0.76 1.108		2.45	458 3.173			50.414 0.150 OD			DĒ				
*													
N						INVERTI	ER TORQUE:	NONE					
						INV. HP SP	EED RANGE:	NONE					
Т	E												
					NONE								
*						NONE NONE PPR				PPR			
							BRAKE:	NONE					
PREP	ARED BY:			A				NONE NONE					
	DATE:	11/2	2/2018					FT-LB: NA Voltage: None Hz:					
FORM: 35	ORM: 3531 REV_4 2/27/06						UL: NONE						
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