PRODUCT INFORMATION PACKET

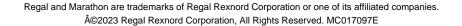


Model No: 213TTGND6528 Catalog No: C366B

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









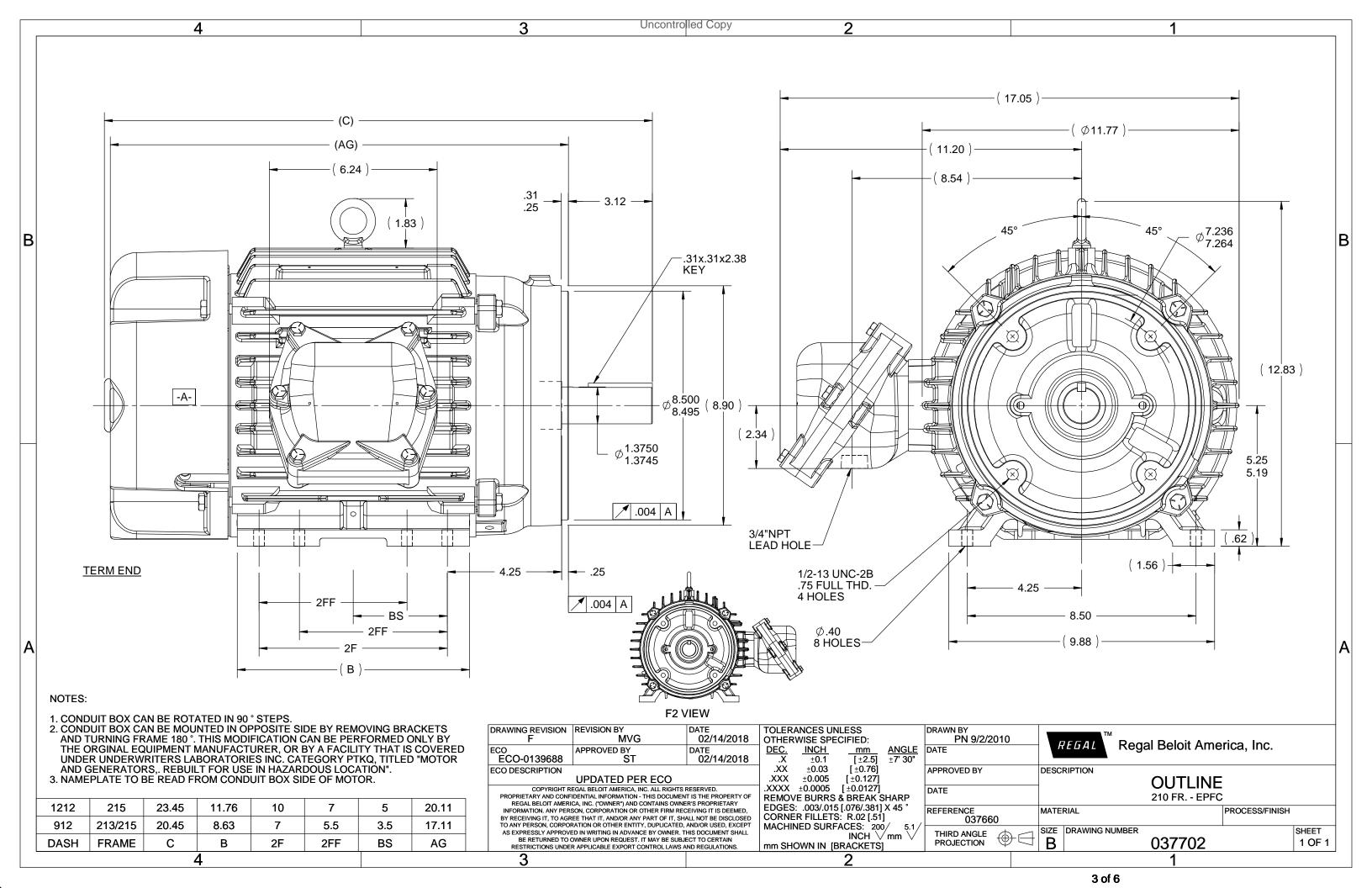
Nameplate Specifications

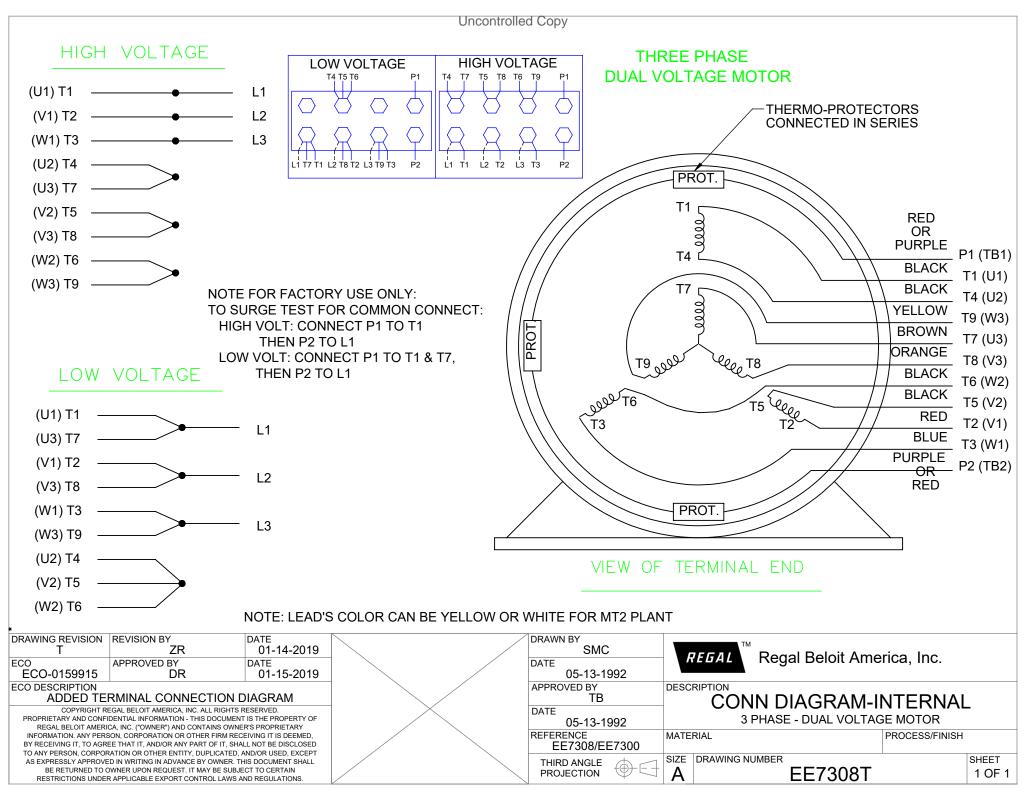
Phase	3	Output HP	7.50 & 5 Hp			
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V			
Speed	1765 & 1475 rpm	Service Factor	1.15 & 1.15			
Frame	213TC	Enclosure	Explosion Proof Fan cooled			
Thermal Protection	Thermostat	Efficiency	91.7 & 91 %			
Ambient Temperature	40 °C	Frequency	60 & 50 Hz			
Current	19.2/9.6 & 23/11.5 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 EXP PROOF CL I GR D CL II GR F&G T3B			
Number of Speeds	1	Hazardous Location				

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	1.18 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	20.45 in
Frame Length	9.12 in	Shaft Diameter	1.375 in
Shaft Extension	3.12 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308T	Outline Drawing	037702-912

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				① I	nar	ath c	ON® PI⊏		P.O. BOX 800 WAUSAU, W PH. 715-675	I 54401-8003	460		
	CERTIFICATION DATA SHEET												
CUSTOM	ER:						CUSTO	MER P.O. #:					
ORDER#						F	REFERENC	E MODEL #:				<u>-</u>	
CONN. DI		A-EE7308T 037702-912					CAT #: C366B						
WINDING		K2134279) R4	. 2			CUSTOMER PART #: MOUNTING: F1 ONLY						
SPEED:													
		1	т	YPICAL	<u>MOTOI</u>	R PERFO	RMANC	E DATA	1	1		T	
HP	KW	SYNC RPM	FL R	tPM	FF	RAME	ENCI	CLOSURE TYP		KVA CODE		DESIGN	
7.5	5.6	1800	176	65	21	13TC	EPFC		TFN	Н		В	
PH	HZ	VOLTS	AM			RT TYPE		UTY	INSL	S.F.	AMB	ELEV.	
3	60/50	230/460#190/380	19.2/9.68	k23/11.5	LINE OR	INVERTER	С	ONT	F	1.15 40		3300	
 	F.L. EFF	91.7	3/4 LD EFF	92.2	T	1/2 LD EFF	91.6	GTD EFF	1	ELECT. TY	/PE		
	F.L. PF		3/4 LD PF			1/2 LD PF	1	91.0		SQ CAGE INV	RATED		
	CROUE	LD AMDC @	100 1/	T	I D TOTO::-				IE		19 A)	Т	
22.3	ORQUE LB-FT	LR AMPS @ 460 V 67.5 52.9		L.R. TORQUE LB-FT 237%		8.D. TORQI 75.0 LB-FT		336%	F.L. RISE (° C)		<u> </u>		
				02.0		20.,0	, , , , ,		000,0				
	3 FT.	POWER	ROTOR									R WGT	
62	dBA	71 dBA	0.85	LB-FT ²	45	LB-FT ²	25	SEC.]	2	140	LB.	
				*** SU	JPPLEME	NTAL INFO							
DE BBAC	NET TYPE	ODE BRACKET	MOUNT TYPE		OTOR SEVERE		HAZARDOUS		DRIP COVER	SCREENS	D.	PAINT	
	FACE	TYPE STANDARD	RIGID		TATION DUTY ZONTAL TRUE		DOF CL I GR D CL II GR		NO	NONE	BLUE (EPOXY)		
	_	-	.1	<u> </u>					1				
	RINGS	GREASE	SHAFT	T TYPE SPECIAL DE		SPECIAL ODE		SHAFT	MATERIAL	FRAME MATERIAL			
DE BALL	ODE BALL		1		+		 				0.407:731:		
6309	6208	POLYREX EM	Т		N	IONE	NONE 104		1045 HOT R	1045 HOT ROLLED (C-204)		CAST IRON	
<u> </u>		Γ	Т		Т		Τ		T		SP.	ACE	
	MOSTATS	PROTECTORS	WDG F	RTD's	D's BRG RTD's		THERMISTORS		CONTROL		HEATERS		
TSTA	TS (N/C)	NOT	NOI	NE	N	NONE		NONE		FALSE		NA	
R1 (ol	hms/ph)	R2 (ohms/ph)	X1 (ohr	X1 (ohms/ph)		X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT	
).76	1.108		2.458		3.173		50.414		0.150		ODE	
N O						INVERTER TORQUE: CONSTANT 10:1 INV. HP SPEED RANGE: NONE							
T E							ENCODER: NONE						
S					NONE NONE								
*						NONE NONE PPR							
PREPARED BY: FAREEDA DUREKUII A				BRAKE: NONE									
PREPARED BY: FAREEDA DUDEKULA DATE: 11/1/2018					NONE NONE FT-LB: NA								
					VOLTAGE: NONE HZ:								
FORM: 3531 REV_4 2/27/06						UL:	NONE						

