PRODUCT INFORMATION PACKET

Model No: 215TTGN16539 Catalog No: U992A-P Hazardous Duty® Explosion Proof Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 215T Frame, EPFC



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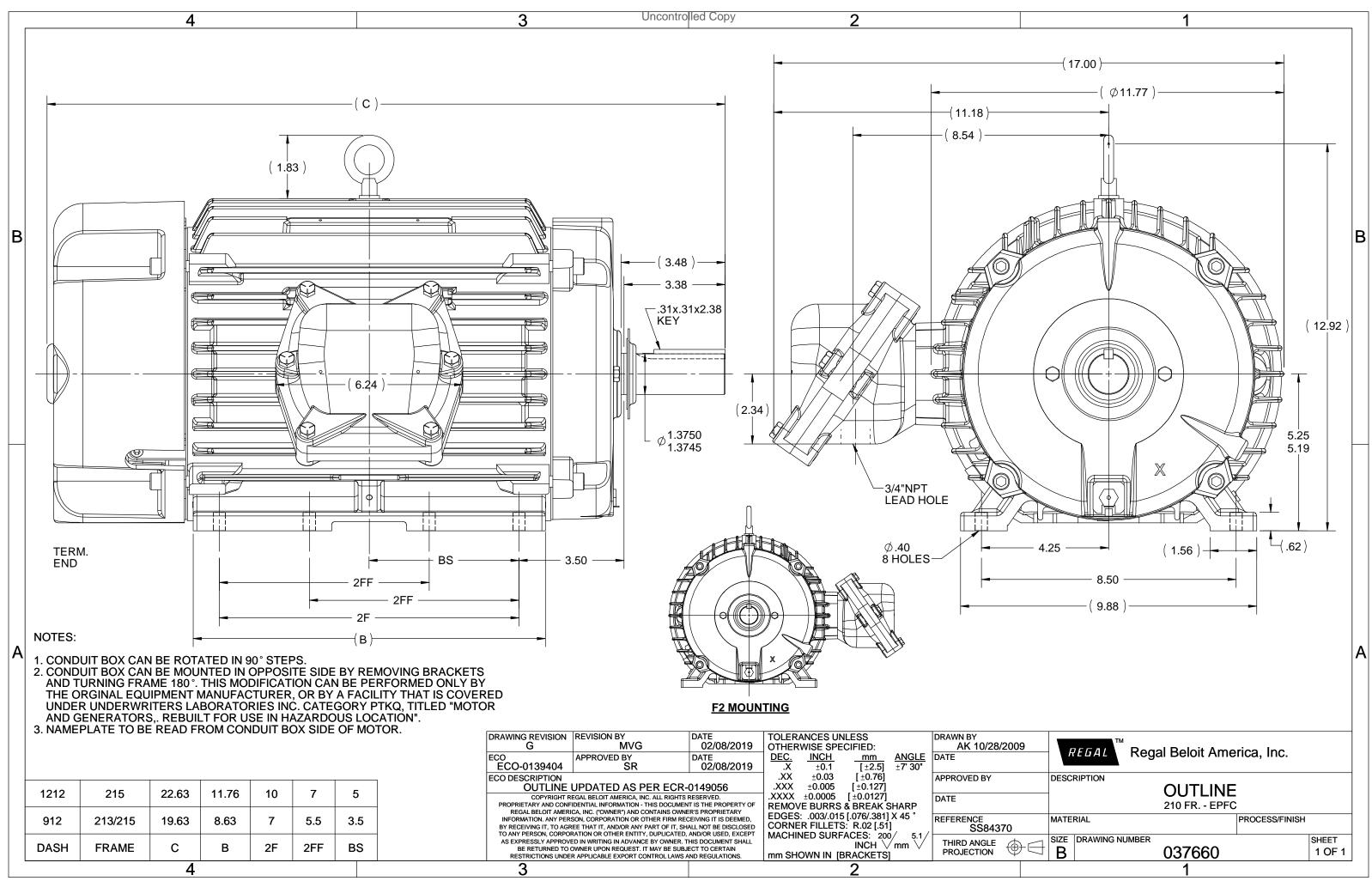
Nameplate Specifications

Phase	3	Output HP	10 & 7.50 Hp
Output KW	7.5 & 5.6 kW	Voltage	230/460 & 190/380 V
Speed	1765 & 1470 rpm	Service Factor	1.15 & 1.15
Frame	215T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	91.7 & 91.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	25/12.5 & 23/11.5 A	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6208
UL	UL Listed; also, UL Certified for Canada	CSA	Ν
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B

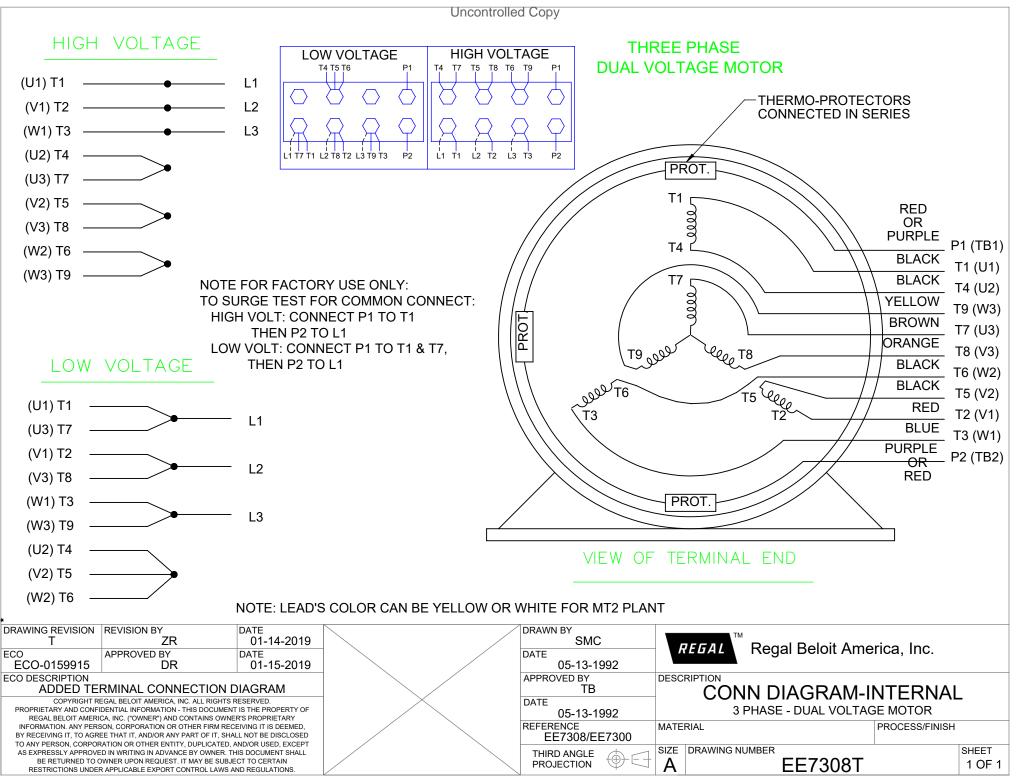
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.894 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	22.63 in
Frame Length	12.12 in	Shaft Diameter	1.375 in
Shaft Extension	3.48 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308T	Outline Drawing	037660-1212

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CERTIFICATION DATA SHEET

Model#:	215TTGN16539 AA	WINDING#:	K2154249 NONE 1
CONN. DIAGRAM:	A-EE7308T	ASSEMBLY:	F1 ONLY
OUTLINE:	037660-1212		

LINE OR

TYPICAL MOTOR PERFORMANCE DATA

НР	ĸw	SYI	NC. RPM	F.L. RPM	FRAME	ENCLOS	SURE K	A CODE	DESIGN
10&7 1/2	7.5&5	5.6	1800	1765&1470	215T	EPF	с	G	В
РН	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION

		380	.5	INVERTER	S				
FULL LOAD EFF 91.7&91.5	: 3/	4 LOAD EFF: 91	I.7 1/2 L	OAD EFF: 91	GTD. E	FF	ELEC. TYPE	NO L	OAD AMPS
FULL LOAD PF: 828	&81	3/4 LOAD PF: 7	3 1/2 L	.OAD PF: 68	91		SQ CAGE INV RAT	ED	10 / 5

CONTINUOU

F3

1.15/1.15

40

3300

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
29.8 LB-FT	160 / 80	60 LB-FT 201	81 LB-FT 272	55

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	1.2 LB-FT^2	192 LB-FT^2	20 SEC.	2	240 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	PREMIUM	EXP PROOF CL	FALSE	NONE	BLUE (EPOXY)
				SEVERE DUTY	I GR C&D CL II			
					GR F&G T3B			

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	1045 HOT	CAST IRON
6307	6208]				ROLLED (C-204)	

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further

information

INVERTER TORQUE: CONSTANT 2:1 INV. HP SPEED RANGE: NONE							
ENCODER: NONE							
NONE NONE							
NONE NONE PPR							
BRAKE: NONE	NONE						
NONE P/N NO	DNE						
NONE NONE							
NONE FT-LB	NONE V	NONE Hz					

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60/50

230/460#190/ 25/12.5&23/11

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