PRODUCT INFORMATION PACKET

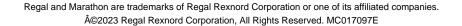


Model No: 215TTFN16057 Catalog No: E204-P

XRI® General Purpose General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V,

1800 & 1500 RPM, 215T Frame, TEFC









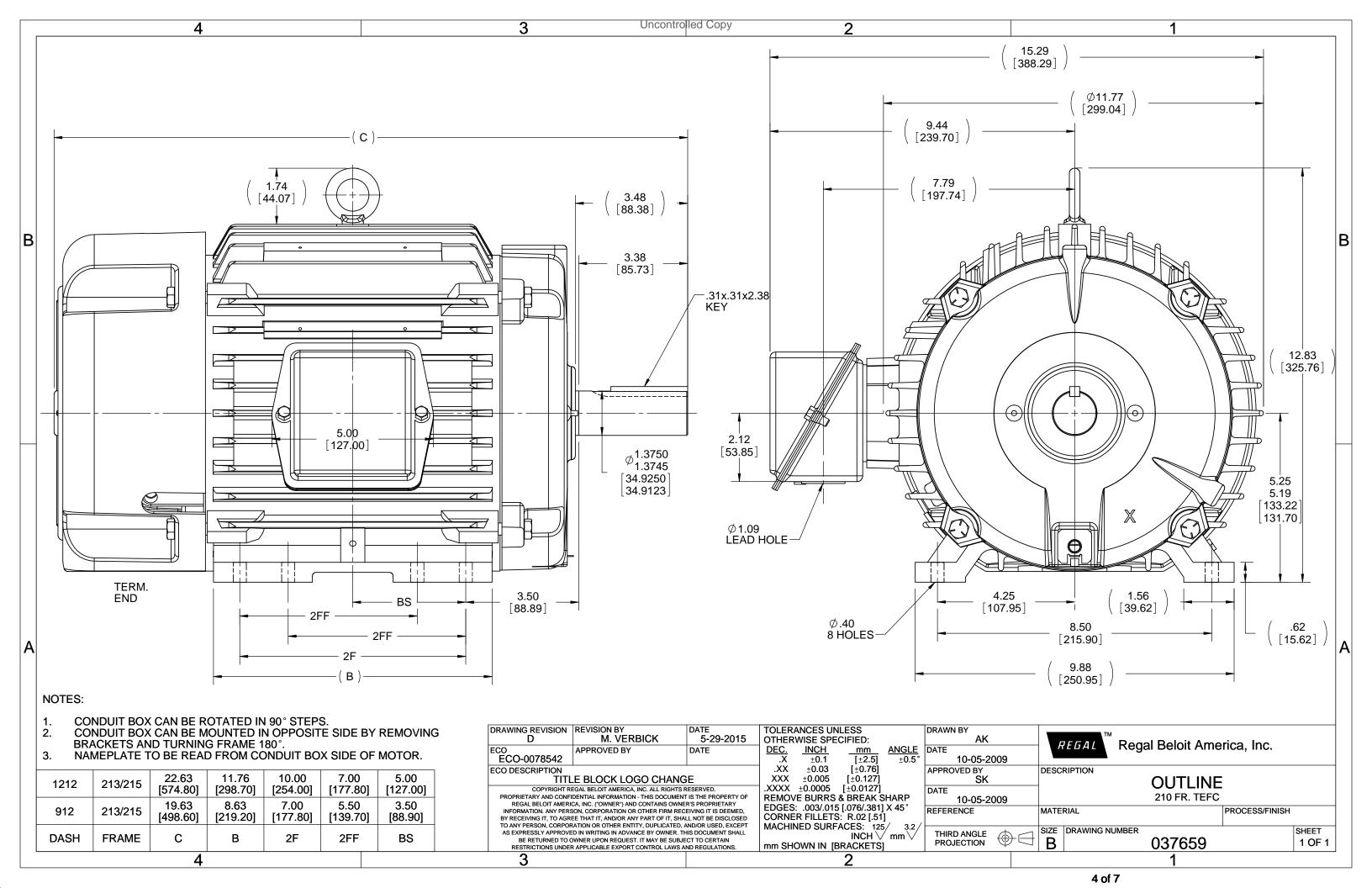
Nameplate Specifications

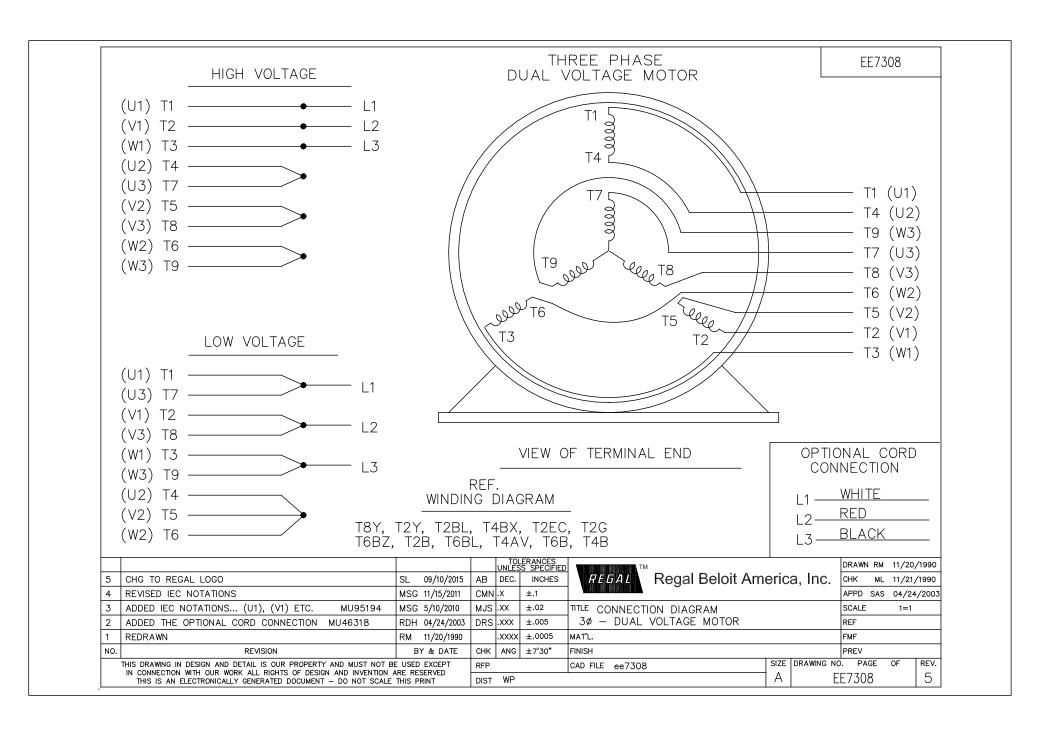
Phase	3 Output HP		10 & 7.50 Hp
Output KW	7.5 & 5.6 kW	Voltage	208-230/460 & 190/380 V
Speed	1765 & 1470 rpm	Service Factor	1.15 & 1.15
Frame 215T		Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 91.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	27-25/12.5 & 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	Recognized	CSA	Υ
CE	Υ	IP Code	43
Number of Speeds	1		

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/F2 Capable	
Inverter Load	CONSTANT 20:1			
Connection Drawing	EE7308	Outline Drawing	037659-1212	

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:06/21/2023





CERTIFICATION DATA SHEET

215TTFN16057 AA WINDING#: K2154249 NONE 1 Model#: ASSEMBLY: CONN. DIAGRAM: EE7308 F1/F2 CAPABLE

OUTLINE: 037659-1212

Ν 0

Т

Ε

S

380

TYPICAL MOTOR PERFORMANCE DATA

НР	KW	SYI	NC. RPM	F.L. RPM	FRAME	ENCLO	SURE	KVA CODE	DESIGN
10&7 1/2	7.5&	7.5&5.6 1800		1765&1470	470 215T		TEFC		В
PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	208-	27-	LINE OR	CONTINUOU	F3	1.15/1.1	5 40	3300
		230/460#190/	25/12.5&23/11	INVERTER	S				

FULL LOAD EFF: 91.7&91.5	3/4 LOAD EFF: 91.7	1/2 LOAD EFF: 91	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 82&81	3/4 LOAD PF: 78	1/2 LOAD PF: 68	91	SQ CAGE INV RATED	10/5

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	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

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-PF	ROTECTORS	THERMISTORS	CONTROL	SPACE /n HEATERS	
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

** Subject to change without notice.

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: CONSTANT 20:1 INV. HP SPEED RANGE: NONE ENCODER: NONE

NONE NONE NONE NONE PPR BRAKE: NONE NONE NONE P/N NONE

NONE NONE NONE FT-LB NONE V NONE Hz

DATE: 06/22/2017 07:57:17 AM FORM 3531 REV.3 02/07/99

