PRODUCT INFORMATION PACKET

Model No: 213TTFW16039 Catalog No: E2016A XRI® General Purpose General Purpose Motor, 7.50 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 213TC Frame, TEFC



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Motors





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Nameplate Specifications

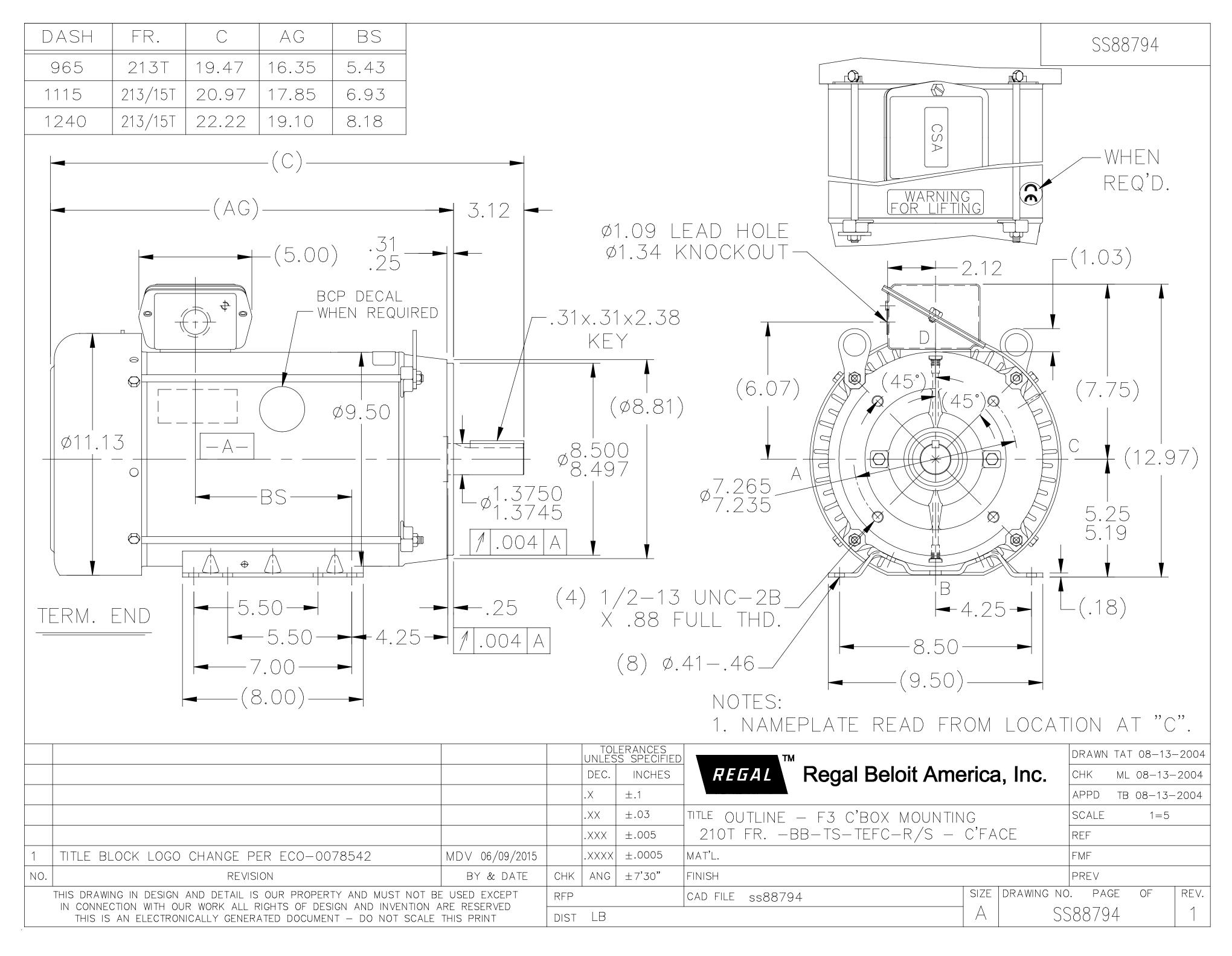
Phase	3	Output HP	7.50 & 7.50 Hp
Output KW	5.6 & 5.6 kW	Voltage	230/460 & 190/380 V
Speed	1765 & 1455 rpm	Service Factor	1.15 & 1.15
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	19.4/9.7 & 23.6/11.8 A	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	Н
Drive End Bearing Size	309	Opp Drive End Bearing Size	206
UL	Recognized	CSA	Y
CE	Y	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	1.18 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Т	Overall Length	20.97 in
Frame Length	11.15 in	Shaft Diameter	1.375 in
Shaft Extension	3.12 in	Assembly/Box Mounting	F3
Inverter Load	CONSTANT 10:1		
Connection Drawing	A-EE7308	Outline Drawing	SS88794-1115

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CERTIFICATION DATA SHEET

Model#:	213TTFW16039 AA	WINDING#:	K2134234 NONE 2
CONN. DIAGRAM:	A-EE7308	ASSEMBLY:	F3
OUTLINE:	SS88794-1115		

TYPICAL MOTOR PERFORMANCE DATA

НР	ĸw	S	NC. RPM	F.L. RPM	FRAME	ENCLOS	SURE	KVA CODE	DESIGN
7 1/2&7 1/2	5.60&5	5.60	1800	1765&1455	213TC	TEF	c	Н	В
]						
PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190	/ 19.4/9.7&23.6	/ LINE OR	CONTINUOU	F4	1.15/1.	.15 40	3300
		380	11.8	INVERTER	S				

FULL LOAD EFF: 91.7&89.5	3/4 LOAD EFF: 91	1/2 LOAD EFF: 90.2	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 80&80	3/4 LOAD PF: 72	1/2 LOAD PF: 60	91	SQ CAGE INV RATED	9.4 / 4.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
22 LB-FT	127 / 63.5	52 LB-FT 236	72 LB-FT 327	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	0.85 LB-FT^2	45 LB-FT^2	25 SEC.	2	140 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEAF	RINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
309	206						

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

If Inverter equals NONE, contact factory for further information

NVERT	ER TORQL	JE: CONSTAN	NT 10:1	
NV. HP	SPEED RA	NGE: 1.5 X E	BASE SPEED	
ENCODI	ER: NONE			
NONE	NONE			
NONE	NONE PPI	۲		
BRAKE:	NONE	NONE		
NONE	P/N N	IONE		
NONE	NONE			
NONE F	T-LB	NONE V	NONE Hz	
	NV. HP ENCODI NONE NONE BRAKE: NONE	NV. HP SPEED RA ENCODER: NONE NONE NONE NONE NONE PPI BRAKE: NONE NONE P/N N	NV. HP SPEED RANGE: 1.5 X E ENCODER: NONE NONE NONE NONE NONE PPR BRAKE: NONE NONE NONE P/N NONE NONE NONE	NONE NONE NONE NONE PPR BRAKE: NONE NONE NONE P/N NONE NONE NONE

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