PRODUCT INFORMATION PACKET



Model No: 213TTDWD16024

Catalog No: C106B

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

3600 & 3000 RPM, 213TC Frame, DP



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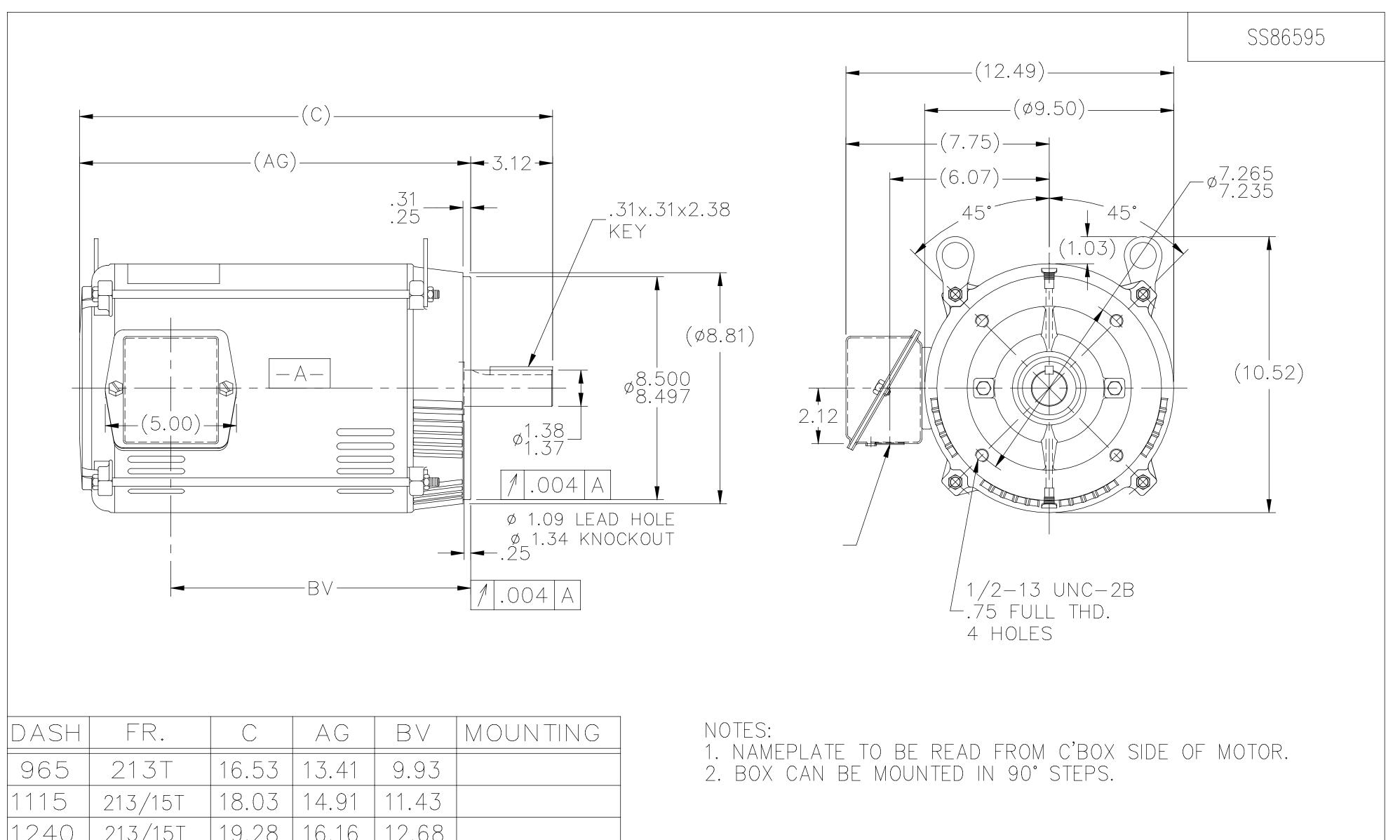
Nameplate Specifications

Phase	3	Output HP	10 & 7.50 Hp
Output KW	7.5 & 5.6 kW	Voltage	230/460 & 190/380 V
Speed	3530 & 2930 rpm	Service Factor	1.15 & 1.15
Frame	213TC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	90.2 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	24.2/12.1 & 22.6/11.3 A	Power Factor	85.4
Duty	Continuous	Insulation Class	В
Design Code	В	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Υ
CE	Υ	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	1.4632 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Т	Overall Length	18.03 in
Frame Length	11.15 in	Shaft Diameter	1.375 in
Shaft Extension	3.12 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	005010.01	Outline Drawing	SS86595-1115

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213/15T 12.68 240 19.28 16.16

TOLERANCES UNLESS SPECIFIED SR 17-07-2015 REDRAWN WITH REGAL LOGO DRAWN DA 03-26-1996 REGAL Regal Beloit America, Inc. REDRAWN IN AUTOCAD TAT 06-29-2004 ML DEC. INCHES ML 04-01-1996 UPDATED C' BOX GEOMETRY DRS 01-31-2000 CN 28425 SR APPD DN 04-01-1996 $\pm .1$ REMOVED NOTE: "C' BOX CAN BE MOUNTED ON TITLE OUTLINE SCALE MJD 09-02-1999 .XX $\pm .03$ 1 = 5210T FR. - BB - TS - DR.PR. -C' FACE OPPOSITE SIDE OF MOTOR" CN 23925-495 REF XXX. $\pm .005$ NEW DRAWING - DES/DEV DA 04-02-1996 $.XXXX \pm .0005$ MAT'L. FMF ANG ±7'30" FINISH PREV NO. REVISION BY & DATE CHK REV.

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SIZE DRAWING NO. PAGE CAD FILE ss86595 RFP SS86595 DIST LB

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CERTIFICATION DATA SHEET

Model#: 213TTDWD16024 AA WINDING#: K2132123 NONE 3 CONN. DIAGRAM: 005010.01 ASSEMBLY: F1/F2 CAPABLE

OUTLINE: SS86595-1115

85.4&84

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	<i>I</i> SYI	NC. RPM	F.L. RPM	FRAME	ENCLO	SURE P	(VA CODE	DESIGN
10&7 1/2	7.50&	5.60	3600	3530&2930	213TC	DP		G	В
		,	,						
PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/	24.2/12.1&22.	ACROSS THE	CONTINUOU	B4	1.15/1.15	40	3300
		380	6/11.3	LINE	s				

Į				380	6/11.3	LINE	S				
	FULL LOA		3/4 [LOAD EFF: 9	1 1/2 LO	AD EFF: 91	GTD. EI	FF	ELEC. TYPE	NO L	OAD AMPS
	FULL LOA	D PF:	3/4 L	LOAD PF: 80.	3 1/2 LO	AD PF: 68.9	88.5		SQ CAGE IND RUI	N 1	0.2 / 5.1

F.L. TORQUE	F.L. TORQUE LOCKED ROTOR AMPS		B.D. TORQUE	F.L. RISE°C	
14.9 LB-FT	158 / 79	25 LB-FT 168	43.2 LB-FT 290	47	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	0.45 LB-FT^2	5 LB-FT^2	15 SEC.	2	105 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

BEARINGS		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
6309	6206						

	THERMO-PF	ROTECTORS	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

INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE

ENCODER: NONE NONE NONE NONE NONE PPR

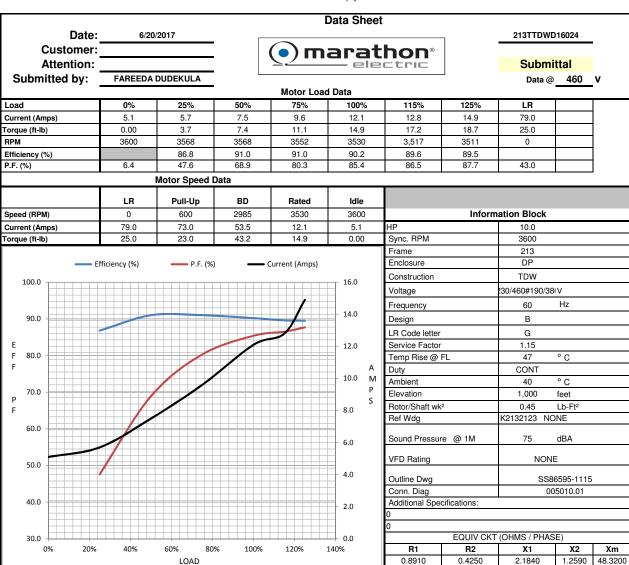
BRAKE: NONE NONE NONE P/N NONE NONE NONE

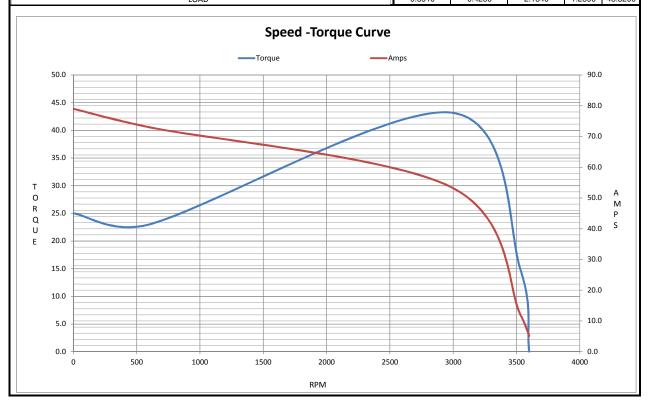
NONE FT-LB NONE V NONE Hz

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> DATE: 06/22/2017 05:03:50 AM FORM 3531 REV.3 02/07/99

^{**} Subject to change without notice.







EC Declaration of Conformity

The undersigned representing the manufacturer:

Regal Beloit America 100 East Randolph St. Wausau, WI 54401

and the authorized representative established within the Community:

Marathon Electric UK 6F Thistleton Road Ind. Estate Market Overton Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No: 213TTDWD16024

(Model No. may contain prefix and/or suffix characters)

Catalog No: C106B

Rework No: N/A

Directives:

Low Voltage Directive 2014/35/EU

Harmonized Standards Used:

EN 60034-1: 2010 (IEC 60034-1: 2010)

Michael A Logsdon

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:

Authorized Representative in the Community: J. cerse

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Julian Clark Marketing Engineer

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