

PRODUCT INFORMATION PACKET



Model No: 213TTFW7047

Catalog No: M410

Other Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,
213JM Frame, TEFC

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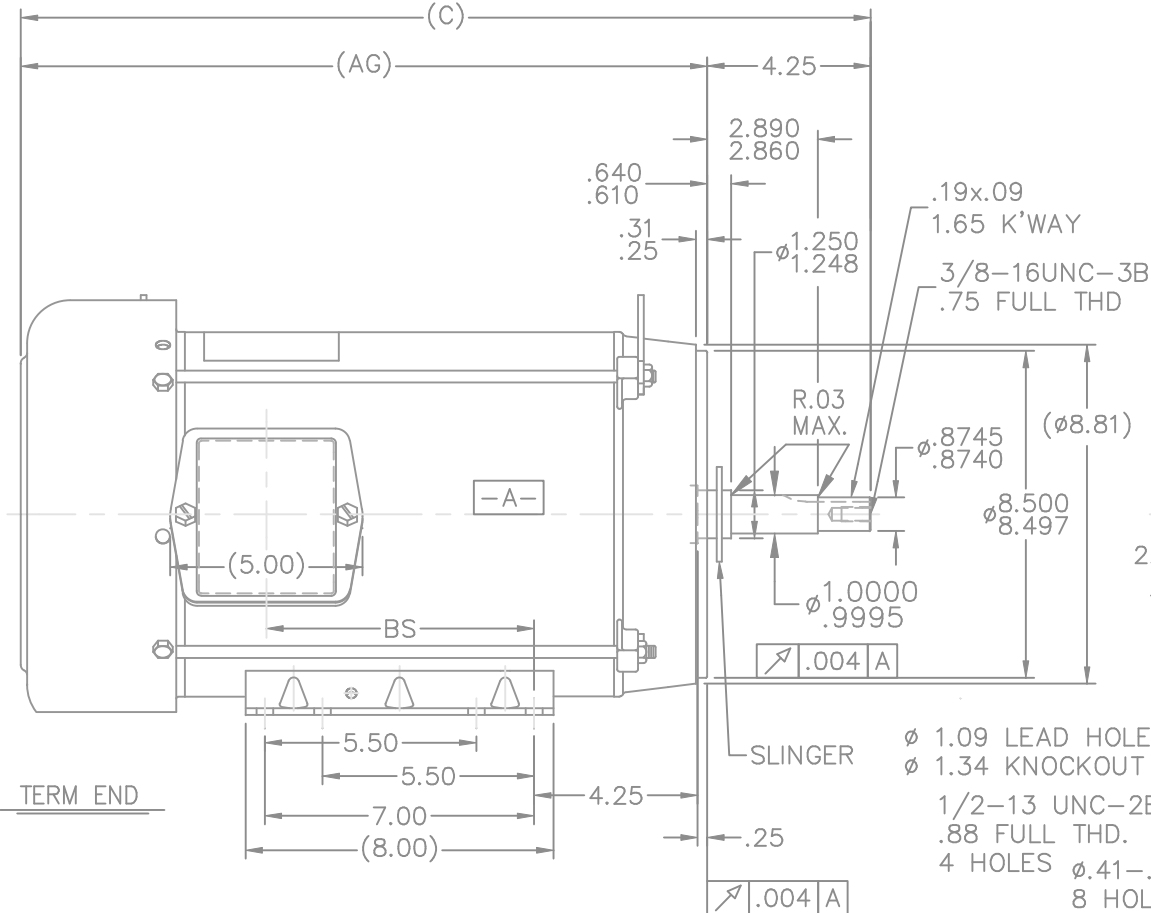


Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	208-230/460 & 190/380 V
Speed	1750 & 1465 rpm	Service Factor	1.15 & 1.15
Frame	213JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	22-19.4/9.7 & 16/8 A	Power Factor	82.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	1.9 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	20.59 in
Frame Length	9.65 in	Shaft Diameter	0.875 in
Shaft Extension	4.25 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7308	Outline Drawing	A-SS86629-965



DASH	FR.	C	AG	BS	MOUNTING
965	213T	20.59	16.34	5.43	
1115	213/15T	22.09	17.84	6.93	
1240	213/15T	23.34	19.09	8.18	F1 ONLY

1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)

6	UPDATED DRAWING	TJW 04/30/2007		TOLERANCES UNLESS SPECIFIED	
5	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	DEC.	INCHES
4	UPDATED C' BOX GEOMETRY CN 28425	DRS 01-14-2000		.X	±.1
3	REVISED MOUNTING HOLES ON C' FACE WAS .75	MJD 06-18-1998		.XX	±.03
	FULL THREAD CN 25600-210			.XXX	±.005
2	REMOVED GRD. SCREW FROM FRAME CN 24453	MJD 10-01-1997		.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"



TITLE OUTLINE
210T JM-BB-TS-TEFC-R/S-C' FACE

MAT'L.

FINISH

DRAWN DRS 09-06-1996

CHK ML 09-20-1996

APPD DN 09-20-1996

SCALE 1=5

REF

FMF

PREV

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RFP

DIST LB

CAD FILE ss86629

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				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM	11/20/1990
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		CHK ML	11/21/1990
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		APPD SAS	04/24/2003
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		SCALE	1=1
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR		REF
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005	MAT'L.		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7"30"	FINISH		PREV
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