

# PRODUCT INFORMATION PACKET

Model No: 213TTFW7083

Catalog No: M877

Other Purpose Motor, 3 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 213HPV Frame, TEFC

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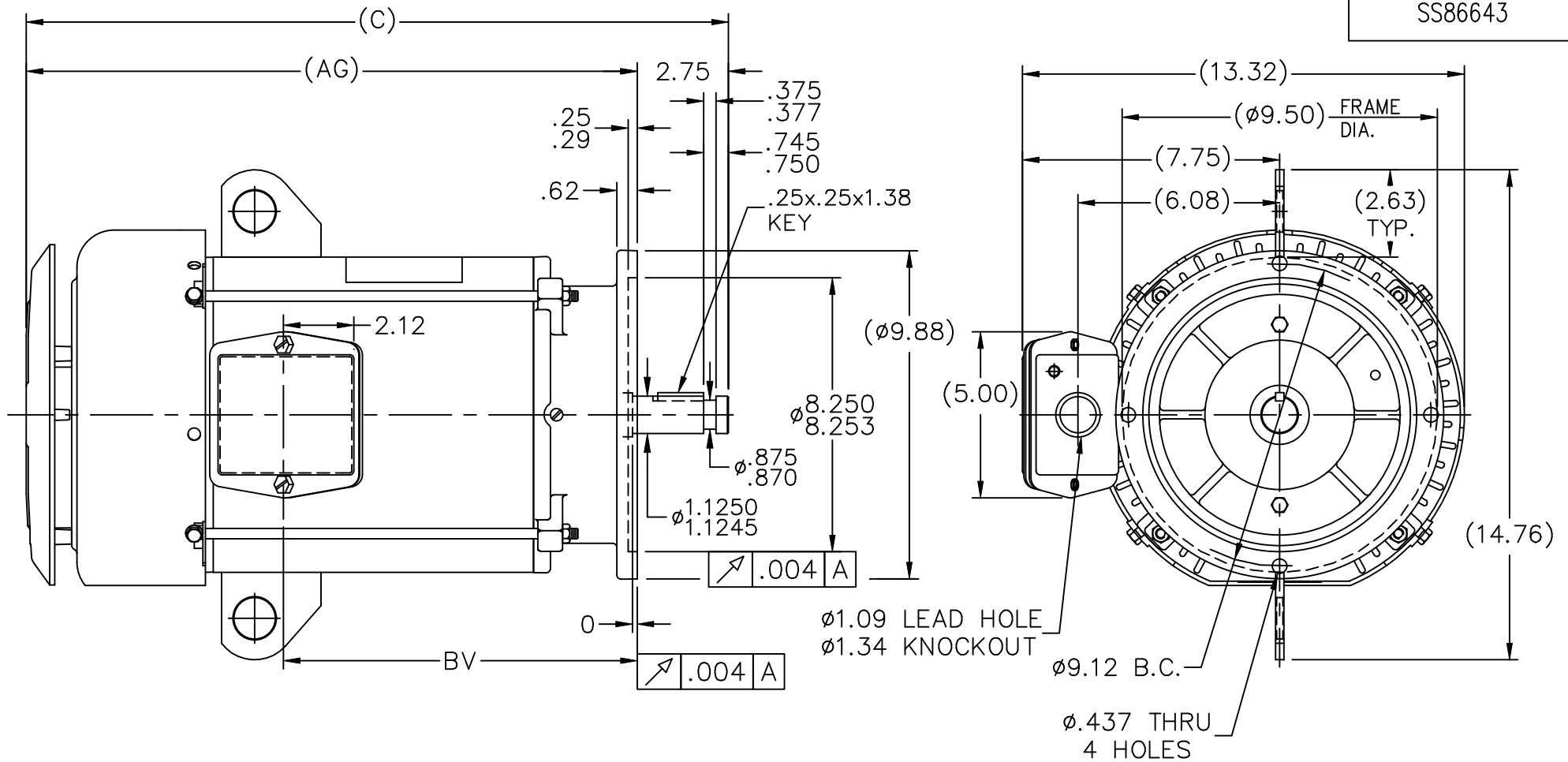


**Nameplate Specifications**

Output HP	<b>3 Hp</b>	Output KW	<b>2.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>9.6/4.8 A</b>	Speed	<b>1155 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>81.5 %</b>	Power Factor	<b>72</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>G</b>
Frame	<b>213HPV</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6309</b>	Opp Drive End Bearing Size	<b>6206</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>43</b>
Number of Speeds	<b>1</b>		

**Technical Specifications**

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>5.65 Ohms</b>	Mounting	<b>Round</b>
Motor Orientation	<b>Shaft Down</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>HP</b>	Overall Length	<b>21.16 in</b>
Frame Length	<b>9.65 in</b>	Shaft Diameter	<b>1.125 in</b>
Shaft Extension	<b>2.75 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Connection Drawing	<b>A-EE7308</b>	Outline Drawing	<b>A-SS86643-965</b>



DASH	FR.	C	AG	BV
965	213T	21.16	18.41	10.66
1115	213/15T	22.66	19.91	12.16
1240	213/15T	23.91	21.16	13.41

- NOTES:
- NAMEPLATE TO BE READ FROM SHAFT EXT. END OF MOTOR.
  - BOX CAN BE MOUNTED IN 90° STEPS.

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN MRB 11-05-1996			
					DEC.	INCHES					
7	UPDATED DRAWING	TJW 04/30/2007						CHK ML 11-07-1996			
6	REDRAWN IN AUTOCAD	TAT 07-22-2004	ML	.X	$\pm .1$			APPD DN 11-08-1996			
5	ADDED $\phi 9.12$ B.C. & $\phi .437$ (4) HOLES	CN 29200-1501	HLB	02-27-2001	.XX	$\pm .03$	TITLE OUTLINE	SCALE 7=32			
4	UPDATED C' BOX GEOMETRY	CN 28425	DRS	01-31-2000	.XXX	$\pm .005$	210T FR.-TEFC-P' BASE-R/S FRAME	REF			
3	REMOVED GROUND SCREW FROM FRAME	CN 24453	MJD	10-01-1997	.XXXX	$\pm .0005$	MAT'L.	FMF			
						$\pm 7'30''$	FINISH	PREV			
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					DIST LB						

EE7308

THREE PHASE  
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.  
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G  
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD  
CONNECTION

L1 — WHITE  
L2 — RED  
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					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				
					±7'30"			PREV				
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