

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 213TTFW7007

Catalog No: C205

Other Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
213TC Frame, TEFC

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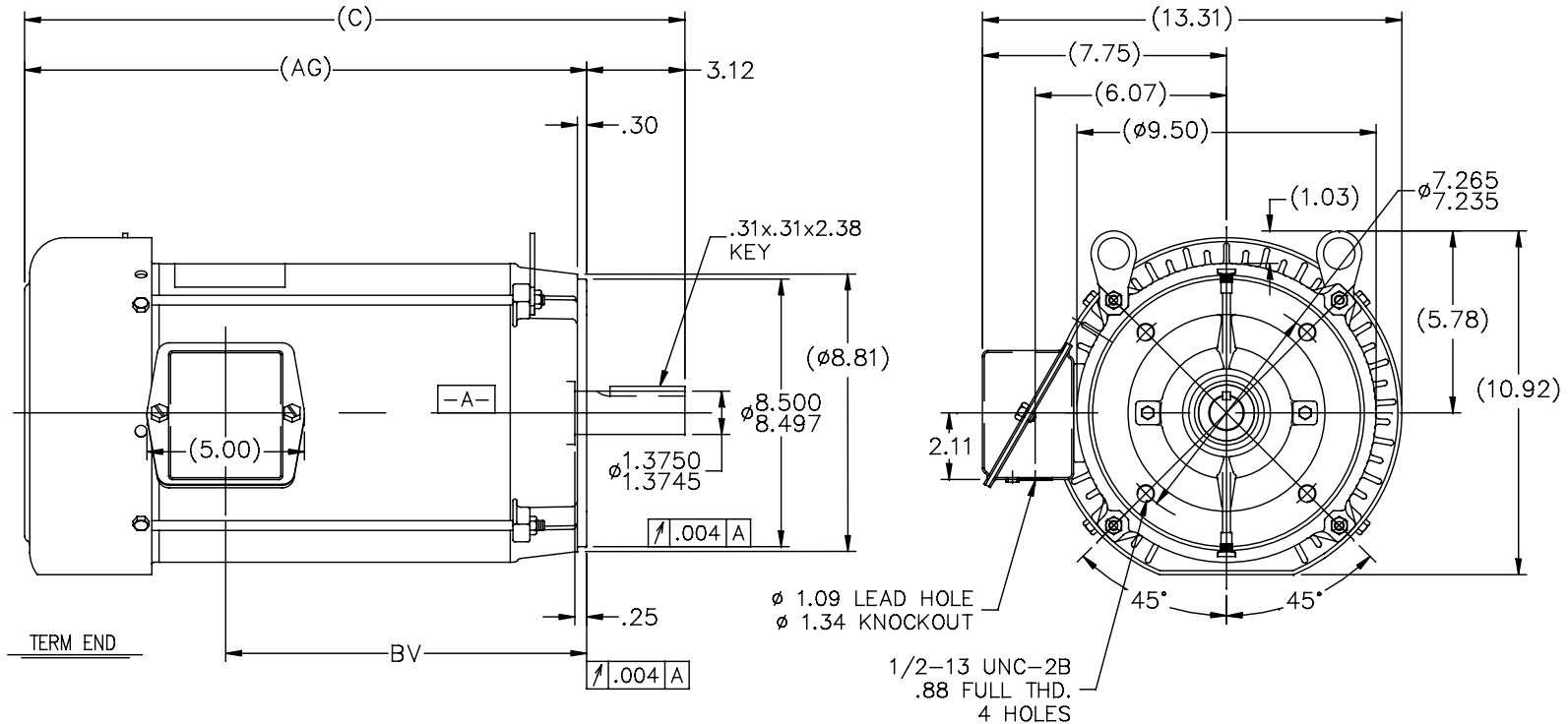
Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	208-230/460 & 190/380 V
Speed	3470 & 2900 rpm	Service Factor	1.15 & 1.15
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	84 & 82.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	21-19.2/9.6 & 16/8 A	Power Factor	87
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	2	Rotation	Reversible
Resistance Main	1.93 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	19.46 in
Frame Length	9.65 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308	Outline Drawing	A-SS86634-965

SS86634



DASH	FR.	C	AG	BV	MOUNTING
965	213T	19.46	16.34	9.96	
1115	213/15T	20.96	17.84	11.46	
1240	213/15T	22.21	19.09	12.71	

NOTES:
 1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
 2. BOX CAN BE MOUNTED IN 90° STEPS.

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	FINISH	PREV			
6	UPDATED TO REGAL LOGO	SAJ 07/21/15	AJA				DRAWN DRS 10-02-1996			
5	REDRAWN IN AUTOCAD	TAT 06-29-2004	ML		DEC. INCHES		CHK ML 10-03-1996			
4	UPDATED C' BOX GEOMETRY CN 28425	DRS 01-31-2000		.X	±.1		APPD DN 10-04-1996			
3	REMOVED GROUND SCREW FROM FRAME CN 24453	DRS 10-01-1997		.XX	±.03	TITLE OUTLINE	SCALE 1=5			
2	REMOVED NOTE: BOX CAN BE MOUNTED ON OPPOSITE SIDE OF MOTOR CN 23925-459	MJD 09-02-1997		.XXX	±.005	210T FR. -BB -TS -TEFC -R/S -C' FACE	REF			
				.XXXX	±.0005	MAT'L.	FMF			
				ANG	±7'30"		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		TITLE CONNECTION DIAGRAM	SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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