PRODUCT INFORMATION PACKET

Model No: 213TTGS7067
Catalog No: C325
Other Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,
213TC Frame, EPFC

marathon® Motors

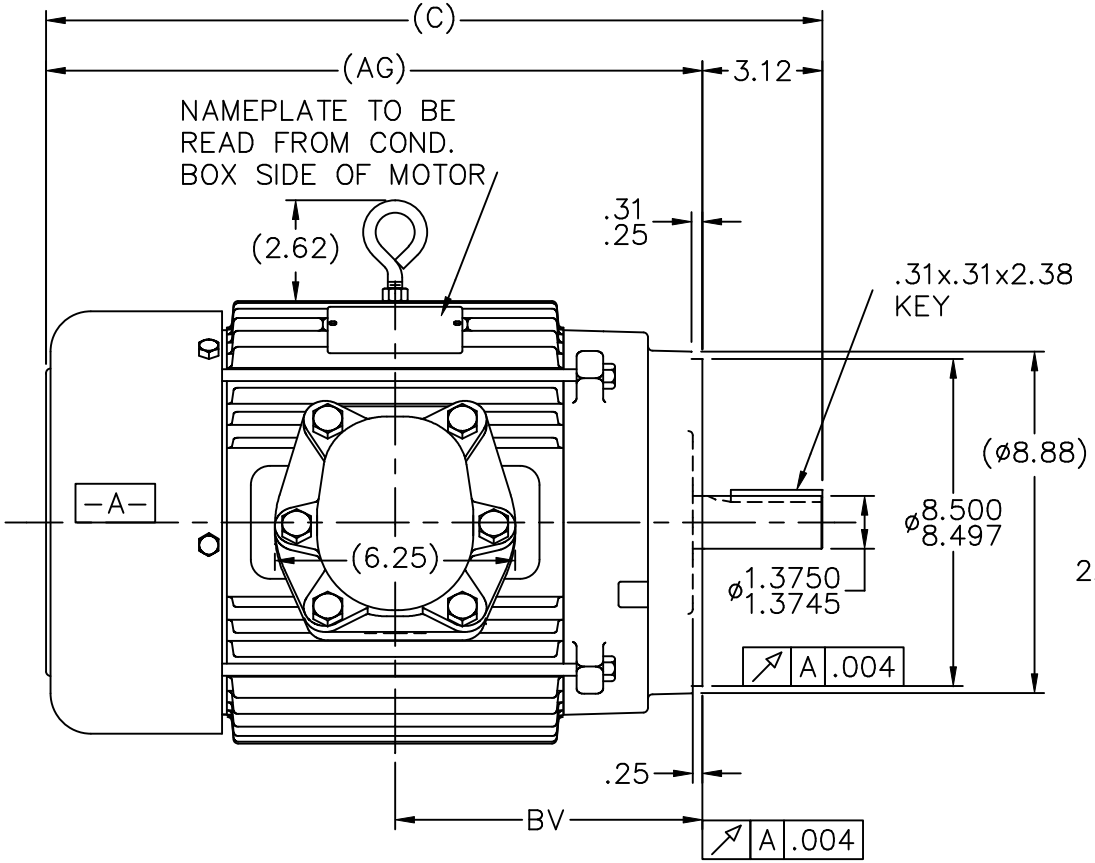
Nameplate Specifications

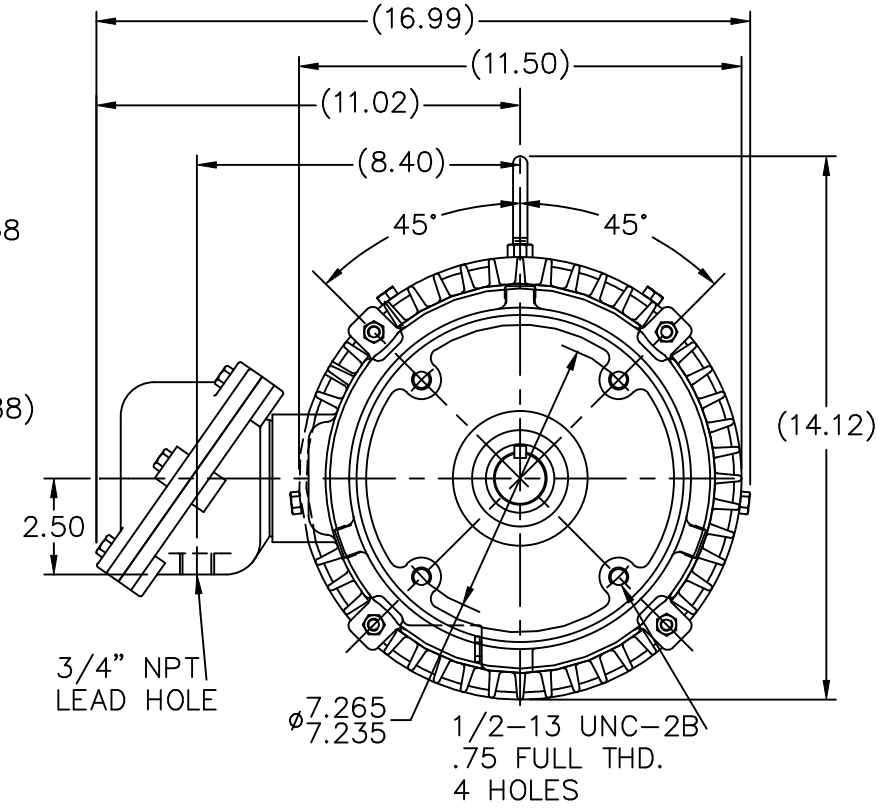
Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1740 & 1455 rpm	Service Factor	1.0 & 1.0
Frame	213TC	Enclosure	Explosion Proof Fan cooled
Thermal Protection	No Protection	Efficiency	87.5 & 86.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	20/10 & 16.4/8.2 A	Power Factor	80.7
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	H
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Listed	CSA	Y
CE	N	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	1.91 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	19.50 in
Frame Length	7.25 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS84054-725	Connection Drawing	A-EE7308T

SS84054



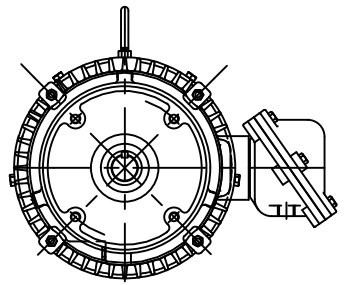


NOTES:

1. BOX CAN BE ROTATED IN 90° STEPS.
2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180° THIS MODIFICTION CAN BE PERFORMED ONLY BY MARATHON ELECTRIC OR BY A FACILITY THAT IS COVERED UNDER UNDERWRITERS LABORATARIES INC.PTKQ,TITLED"MOTOR AND GENERATORS, REBUILT FOR USE ININ HAZARDOUS LOCATIONS'

DASH	FR.	C	AG	BV		
725	213T	19.50	16.38	7.25		
875	215T	21.00	17.88	8.00		
1000	215T	22.25	19.13	8.62		

4-24-2001



F-2 MOUNT

NO.	REVISION	BY & DATE	CHK
10	UPDATED DRAWING	TJW 04/27/2007	
9	ADDED F2 MOUNT AND UPDATED THE NOTE.	ST 2/12/2007	SVL
8	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML
7	REMOVED HOLE IN FAN GUARD CN 31183	TJB 06-08-2001	
6	CLARIFIED FRAME AND CONDUIT BOX CN 29200-978	BLR 10-16-2000	
5	ADDED EYEBOLT CN 16783	MRB 12-14-1994	

TOLERANCES UNLESS SPECIFIED		
DEC.	INCHES	
.X	±.1	
.XX	±.03	
.XXX	±.005	
.XXXX	±.0005	
ANG	±7'30"	

MARATHON ELECTRIC

TITLE OUTLINE
210T FR. – EPFC – C' FACE

MAT'L.
FINISH
CAD FILE ss84054

DRAWN	KL 03-15-1994
CHK	ML 03-16-1994
APPD	GK 03-16-1994
SCALE	1=5
REF	
FMF	
PREV	

RFP
DIST LB

SIZE	DRAWING NO.	PAGE	OF	REV.
A	SS84054			10

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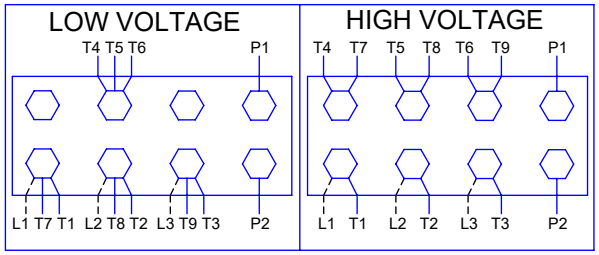
HIGH VOLTAGE

(U1) T1 — L1
(V1) T2 — L2
(W1) T3 — L3
(U2) T4
(U3) T7
(V2) T5
(V3) T8
(W2) T6
(W3) T9

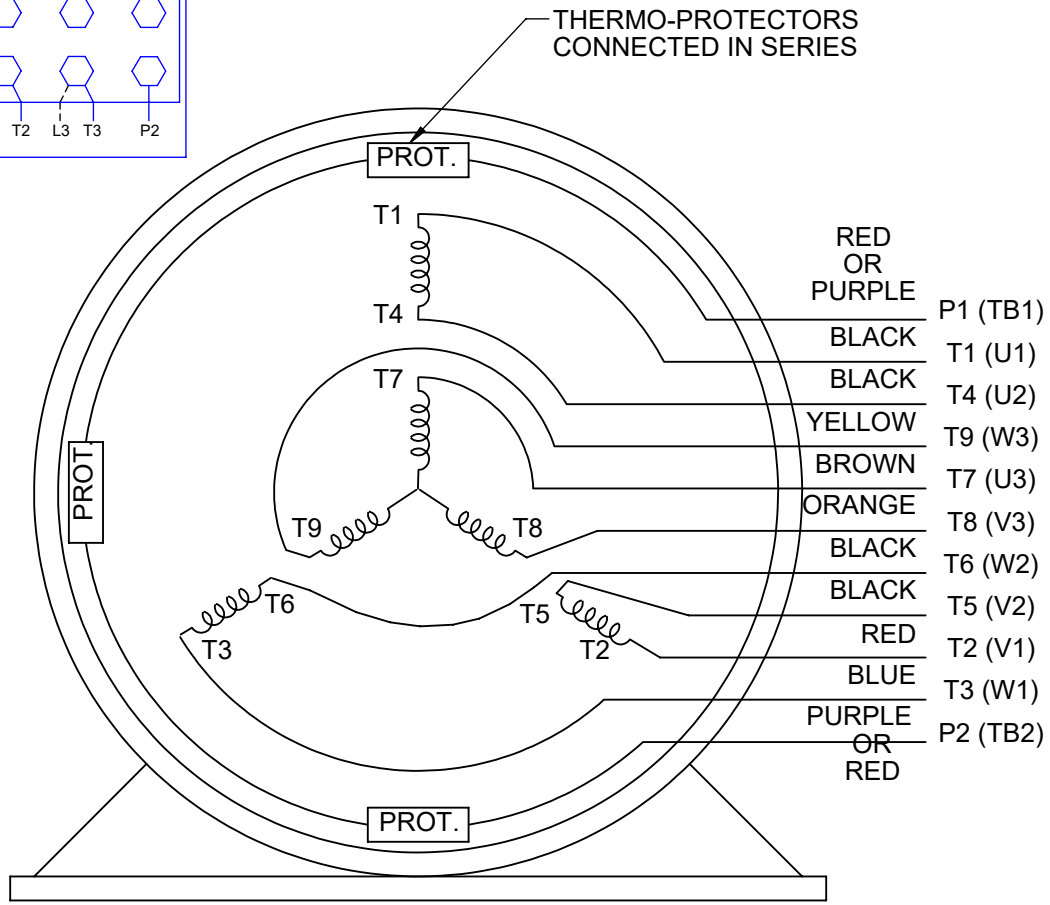


NOTE FOR FACTORY USE ONLY:
TO SURGE TEST FOR COMMON CONNECT:
HIGH VOLT: CONNECT P1 TO T1
THEN P2 TO L1
LOW VOLT: CONNECT P1 TO T1 & T7,
THEN P2 TO L1

LOW VOLTAGE

(U1) T1
(U3) T7 — L1
(V1) T2
(V3) T8 — L2
(W1) T3
(W3) T9 — L3
(U2) T4
(V2) T5
(W2) T6

THREE PHASE DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

DRAWING REVISION: T	REVISION BY: ZR	DATE: 01-14-2019		DRAWN BY: SMC	Regal Beloit America, Inc.
ECO: ECO-0159915	APPROVED BY: DR	DATE: 01-15-2019		DATE: 05-13-1992	
ECO DESCRIPTION: ADDED TERMINAL CONNECTION DIAGRAM				APPROVED BY: TB	DESCRIPTION: CONN DIAGRAM-INTERNAL
				DATE: 05-13-1992	3 PHASE - DUAL VOLTAGE MOTOR
				REFERENCE: EE7308/EE7300	MATERIAL / PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE: A — DRAWING NUMBER: EE7308T — SHEET: 1 OF 1