PRODUCT INFORMATION PACKET

Model No: 213TTDW4070
Catalog No: U429
7.50 HP General Purpose Motor, 3 phase, 1800 RPM, 200-208 V, 213T Frame, ODP
General Purpose Motors

marathon® Motors

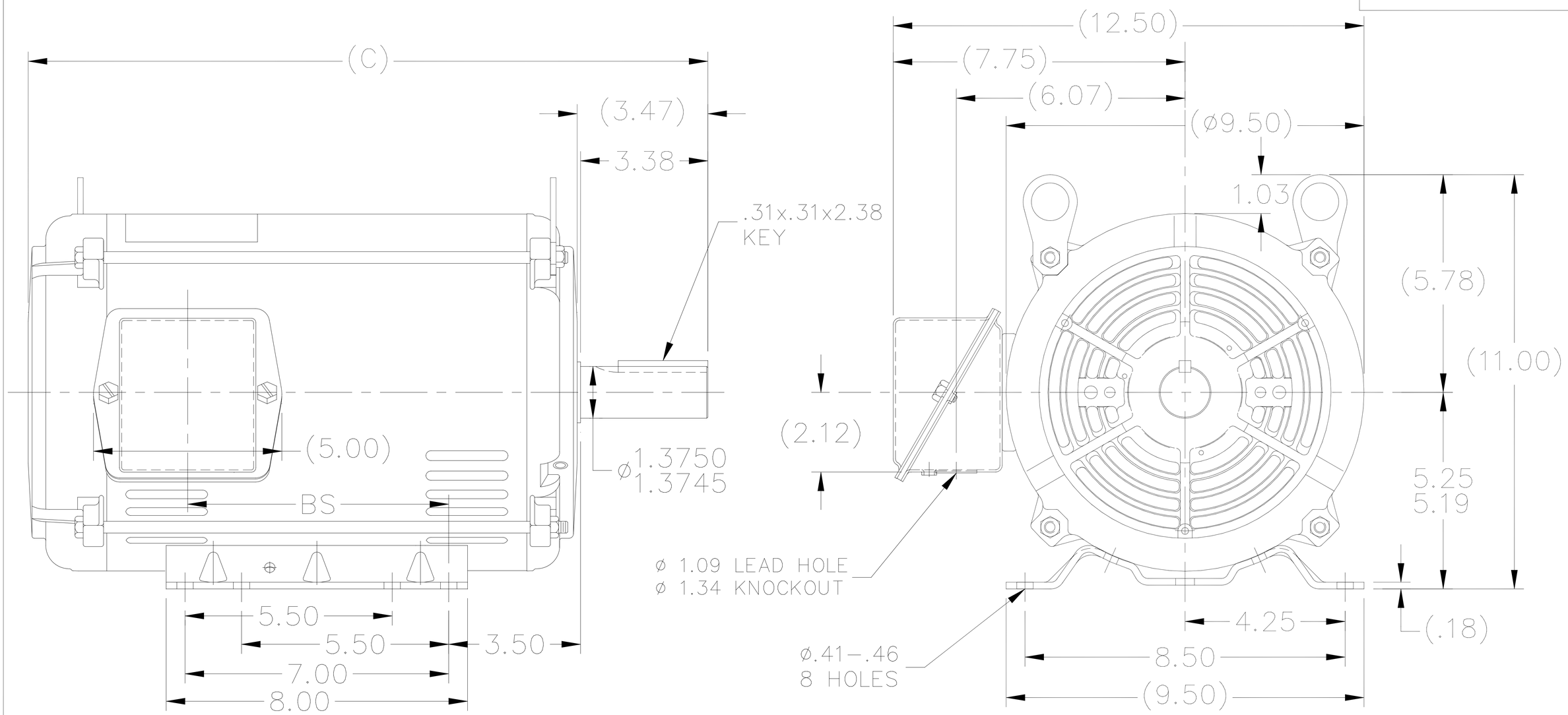
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	200-208 V
Current	22.1-21.2 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	88.5 %	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Frame	213T	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	1.6 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	18.04 in
Frame Length	11.15 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7335A	Outline Drawing	A-SS86668-1115

SS86668



DASH	FR.	C	BS	MOUNTING
965	213T	16.54	5.43	
1115	213/15T	18.04	6.93	
1240	213/15T	19.29	8.18	F1 ONLY
1545	215T	22.34	11.23	F1 ONLY

06-22-2004

NOTES:
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.)

NO.	REVISION	BY & DATE	CHK
3	TITLE BLOCK CHANGE PER ECO-0078542	MDV 06/09/2015	
2	UPDATED C'BOX GEOMETRY CN 28425	BJW 03-24-2000	
1	NEW DRAWING	MRB 04-04-1997	

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

REGAL™ Regal Beloit America, Inc.

TITLE OUTLINE
210T FR. – BB – TS – DR.PR.

MAT'L.

FINISH

CAD FILE SS86668

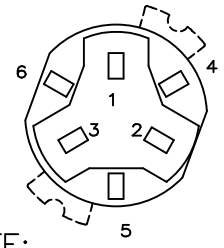
RFP

DIST LB

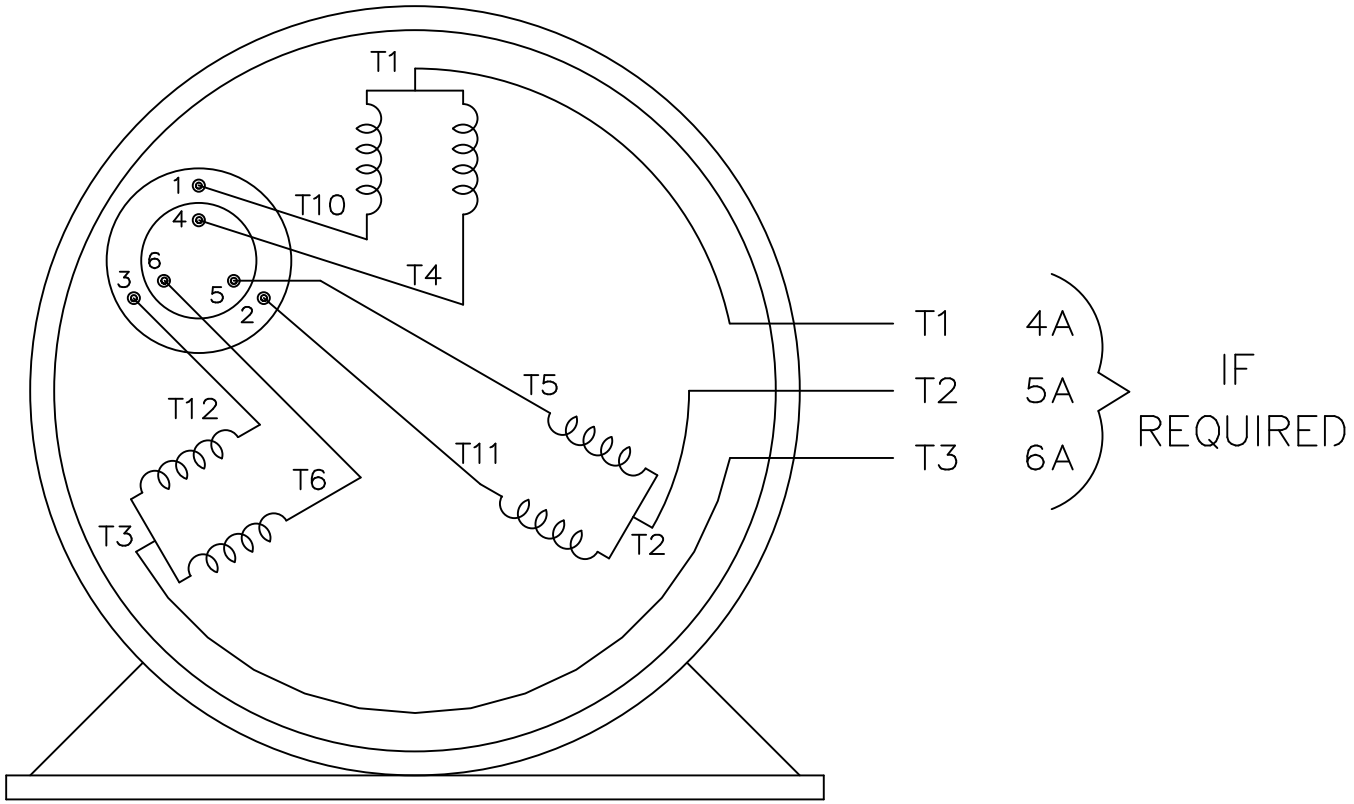
DRAWN	MRB	04-03-1997
CHK	ML	04-04-1997
APPD	GK	04-04-1997
SCALE		1=4
REF		
FMF		
PREV		

SIZE A | DRAWING NO. SS86668 | PAGE OF | REV. 3

SINGLE VOLTAGE – THREE PHASE WITH OVERLOAD PROTECTOR



NOTE:
ACTUAL PROTECTORS
TERMINAL LOCATIONS
FOR LEAD CONNECTIONS



NOTE:

WEST PLAINS

LEADS WITH TERMINALS
SHOULD BE CONNECTED
TO INBOARD SIDE OF
TERMINAL BOARD.

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS.

VIEW OF TERMINAL END

NO.	REVISION	BY & DATE	CHK
8	ADDED 4A, 5A & 6A "IF REQUIRED" MU80422	RJW 07-10-2007	ML
7	ADDED TERM. BOARD CONNECTION NOTE CN 19219	SMC 10-13-1994	
6	ADDED ACTUAL PROTECTOR VIEW CN 17481	KL 05-18-1994	
5	REDRAWN – NO CHANGE	DA 03-29-1993	

TOLERANCES UNLESS SPECIFIED: DEC. .X ± – | .XX ± – | .XXX ± – | .XXXX ± – | ANG ± –

MARATHON ELECTRIC

DRAWN DA 03-26-1993
CHK ML 03-26-1993
APPD GK 03-26-1993
SCALE 1=1
REF
FMF
PREV

TITLE CONNECTION DIAGRAM
SINGLE VOLT – 3ø W/OVERLOAD PROT.

MAT'L.
FINISH
CAD FILE ee7335a
RFP
DIST LB–WP

SIZE	DRAWING NO.	PAGE	OF	REV.
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