

PRODUCT INFORMATION PACKET

Model No: 215TTGS7024

Catalog No: 215TTGS7024

Explosion Proof Motor, 10 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, 215TC Frame, EPFC

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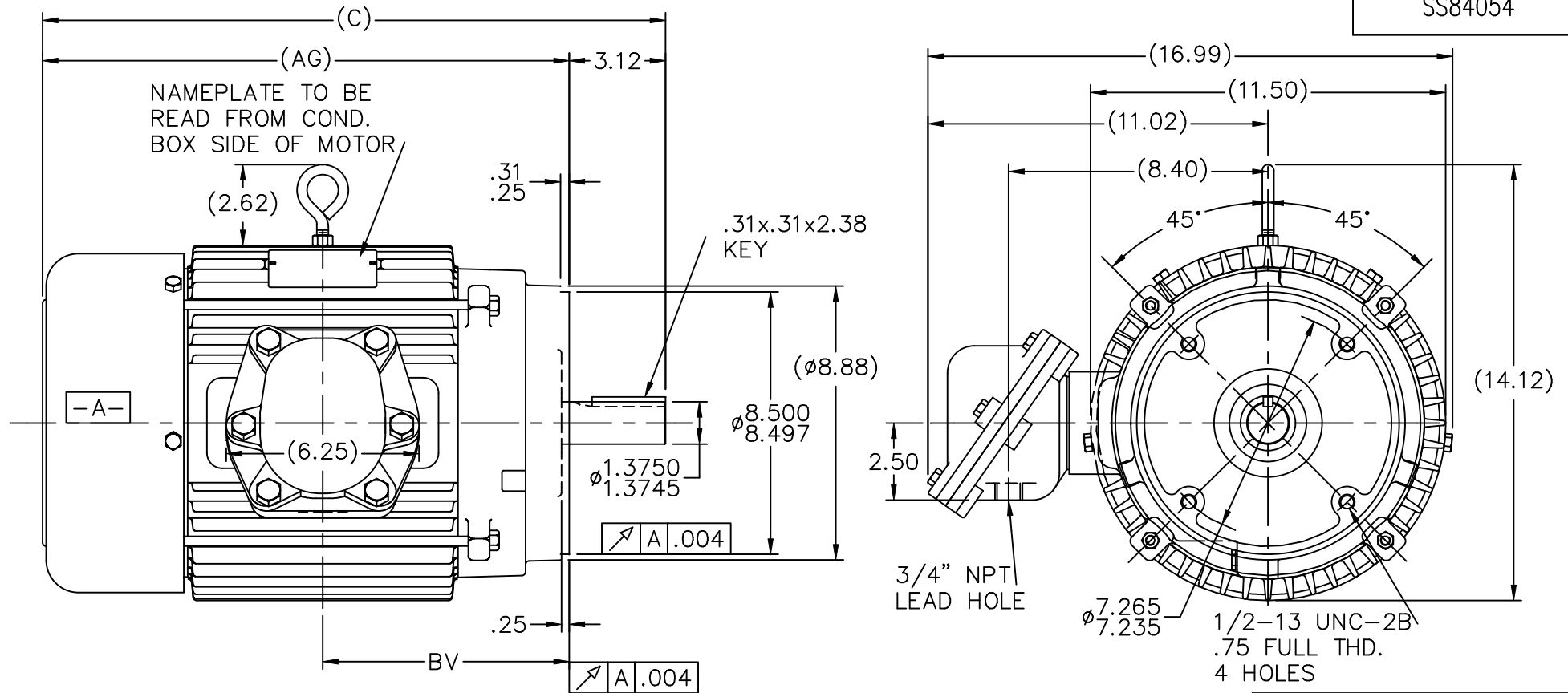


Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	25.2/12.6 A	Speed	3485 rpm
Service Factor	1	Phase	3
Efficiency	86.5 %	Power Factor	86.1
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	G
Frame	215TC	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	309	Opp Drive End Bearing Size	206
UL	No	CSA	Y
CE	N	IP Code	54
Hazardous Location	EXP PROOF CL I GR D CL II GR F&G T3B	Number of Speeds	1

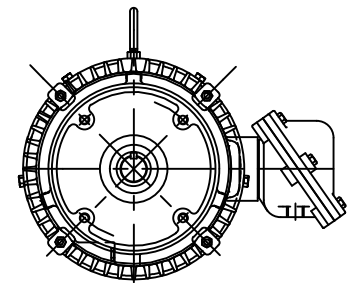
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	1.41 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	22.25 in
Frame Length	10.00 in	Shaft Diameter	1.375 in
Shaft Extension	3.12 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308T	Outline Drawing	A-SS84054-1000



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 MODIFICATION CAN BE PERFORMED ONLY BY MARATHON ELECTRIC OR BY A FACILITY THAT IS COVERED UNDER UNDERWRITERS LABORATORIES INC. PTKQ, TITLED "MOTOR AND GENERATORS, REBUILT FOR USE IN HAZARDOUS LOCATIONS"



F-2 MOUNT

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		

NO.	REVISION	BY & DATE	CHK	ANG	±7'30"
10	UPDATED DRAWING	TJW 04/27/2007			
9	ADDED F2 MOUNT AND UPDATED THE NOTE.	ST 2/12/2007	SVL	DEC.	INCHES
8	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.X	±.1
7	REMOVED HOLE IN FAN GUARD CN 31183	TJB 06-08-2001		.XX	±.03
6	CLARIFIED FRAME AND CONDUIT BOX CN 29200-978	BLR 10-16-2000		.XXX	±.005
5	ADDED EYEBOLT CN 16783	MRB 12-14-1994		.XXXX	±.0005

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RFP
DIST LB



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

MAT'L.

FINISH

CAD FILE ss84054

SIZE
A

DRAWING NO. SS84054

PAGE OF
10

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

HIGH VOLTAGE



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

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
ECO ECO-0159915	APPROVED BY DR	DATE 01-15-2019

ADDED TERMINAL CONNECTION DIAGRAM

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DRAWN BY SMC	DATE 05-13-1992
APPROVED BY TB	DATE 05-13-1992
REFERENCE EE7308/EE7300	THIRD ANGLE PROJECTION

REGAL™ Regal Beloit America, Inc.

CONN DIAGRAM-INTERNAL

3 PHASE - DUAL VOLTAGE MOTOR

MATERIAL	PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7308T
SHEET 1 OF 1	