

PRODUCT INFORMATION PACKET



Model No: 811821.00
Catalog No: 811821.00
10,1800,TENV,215TC,3/60/230/460

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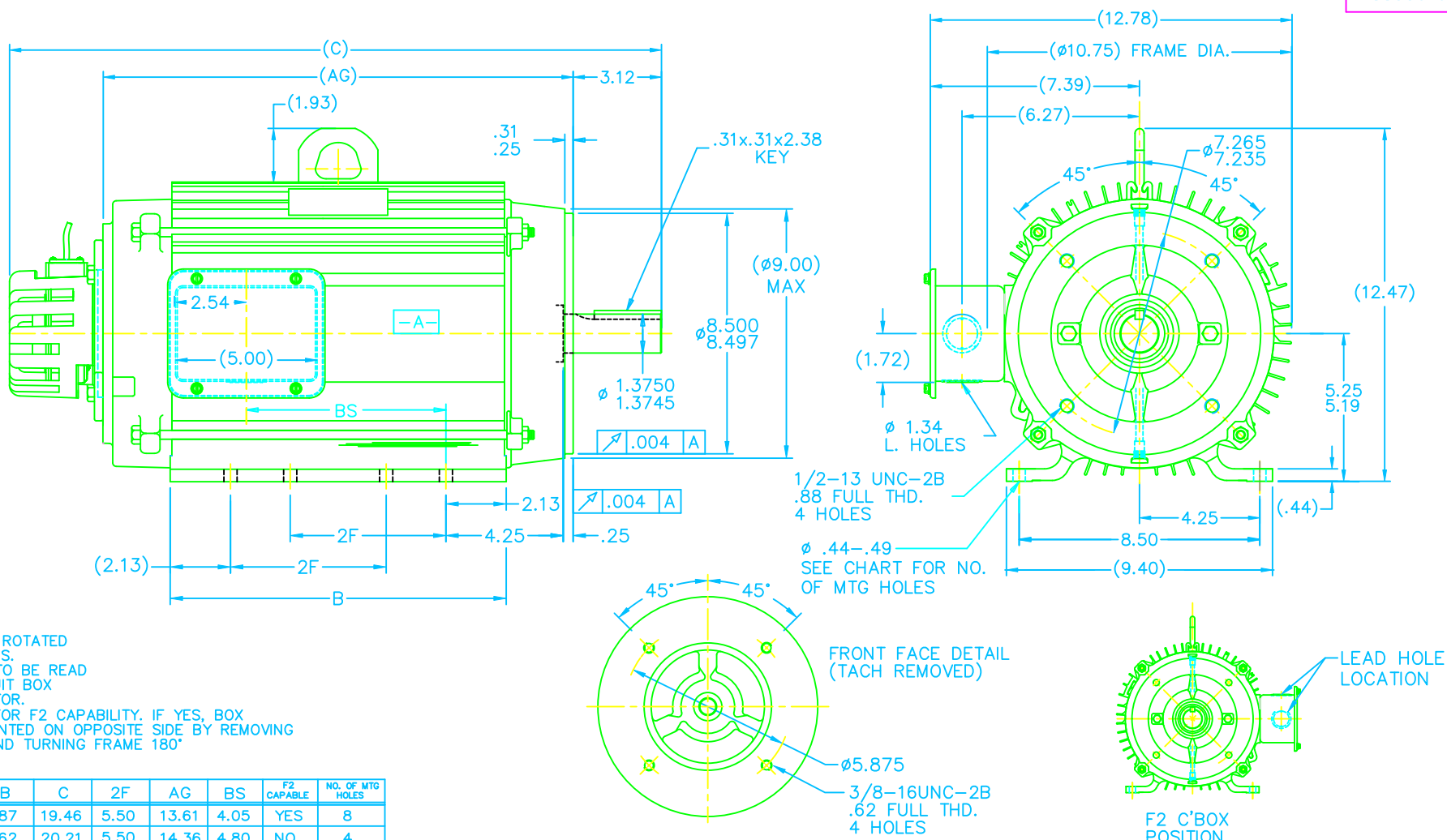
Nameplate Specifications

Phase	3	Output HP	10 Hp
Output KW	7.5 kW	Voltage	230/460 V
Speed	1758 rpm	Service Factor	1
Frame	215TC	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Efficiency	89.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	26.0/13.0 A	Power Factor	75
Duty	60 Minute	Insulation Class	H
Design Code	INV	KVA Code	K
Drive End Bearing Size	309	Opp Drive End Bearing Size	206
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.97 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Assembly/Box Mounting	F2/F1 CAPABLE
Outline Drawing	SS330105B-1115	Connection Drawing	EE7308T

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- NOTES:
1. BOX CAN BE ROTATED IN 180° STEPS.
 2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
 3. SEE CHART FOR F2 CAPABILITY. IF YES, BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°

DASH	FR.	B	C	2F	AG	BS	F2 CAPABLE	NO. OF MTG HOLES
875	213	8.87	19.46	5.50	13.61	4.05	YES	8
950	213	9.62	20.21	5.50	14.36	4.80	NO	4
1025	213	10.37	20.96	5.50	15.11	5.55	YES	8
1025	215	10.37	20.96	7.00	15.11	5.55	YES	8
1115	213/215	11.27	21.86	5.50/7.00	16.01	6.45	YES	8
1175	213	11.87	22.46	5.50	16.61	7.05	YES	8
1175	215	11.87	22.46	7.00	16.61	7.05	NO	4
1275	213	12.87	24.03	5.50	17.61	8.05	YES	8
1275	215	12.87	24.03	7.00	17.61	8.05	YES	8

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN TJW 7/11/2006
		DEC.	INCHES			CHK ML 7/11/2006
		.X	±.1			APPD OK 7/11/2006
		.XX	±.03	TITLE OUTLINE - HS35 ENCODER		SCALE 1=3.5
		.XXX	±.005	210 FR. - TENV - DBL. C' FACE		REF
C UPDATED AS PER CR-0019363		BHU 12/06/2024	MG .XXXX ±.0005	MATL.		FMF
NO.	REVISION	BY & DATE	CHK ANG ±1/2"	FINISH		PREV
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	CAD FILE SS330105B		SIZE B DRAWING NO. PAGE 1 OF 1 REV.
			DIST LB			SS330105B C

HIGH VOLTAGE

THREE PHASE
DUAL VOLTAGE MOTOR

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



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

ECO DESCRIPTION
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 Beloit America, Inc.

DESCRIPTION

CONN DIAGRAM-INTERNAL
3 PHASE - DUAL VOLTAGE MOTOR

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