

PRODUCT INFORMATION PACKET

Model No: 213TTDW6030
Catalog No: E758A
7 1/2, 1800, DP, 213T, 3/60/575
Open Drip Proof (ODP)



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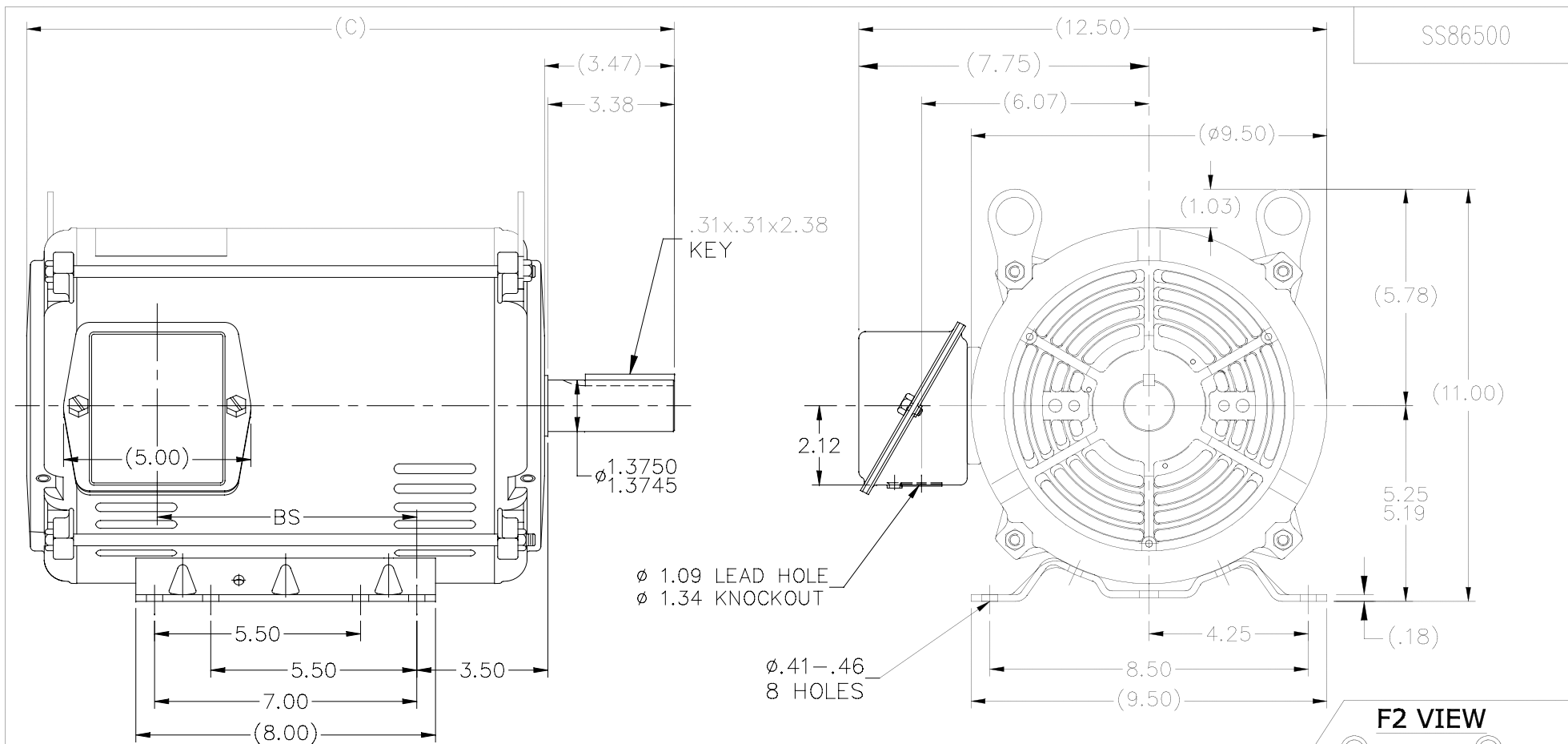
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	575 V
Current	7.7 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	91 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	H	Frame	213T
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6307
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	18.55 in	Frame Length	12.40 in
Shaft Diameter	1.375 in	Shaft Extension	3.47 in
Assembly/Box Mounting	F1/F2 Capable		
Outline Drawing	SS86500-1240	Connection Diagram	A-EE7300

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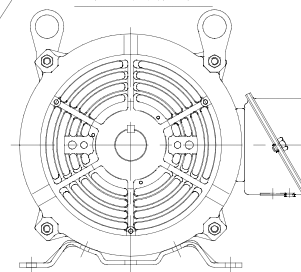
SS86500

.31x.31x2.38
KEY

ø 1.09 LEAD HOLE
ø 1.34 KNOCKOUT

ø.41-.46
8 HOLES


F2 VIEW



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.)

DASH	FR.	C	BS	MOUNTING
1115	213/15T	17.30	6.93	F1/F2
1240	213/15T	18.55	8.18	F1 ONLY

14	TITLE BLOCK LOGO CHANGE PER ECO-0078542	MDV 06/09/2015	MDV	TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN SMC 04-13-1993		
13	FOR FRAME 11.15 MOUNTING NOTE ADDED	UD 12/13/12	SR	DEC.	INCHES		CHK MOL 04-04-1993		
12	ADDED: F2 VIEW.	KVN 2/10/2009	SVL	.X	±.1	APPD DRN 04-13-1993			
11	UPDATED DRAWING	TJW 04/27/2007		.XX	±.03	TITLE OUTLINE	SCALE 1=4		
10	REM'VD. DASH 965 FROM SERIES CN38252	RWR 07-20-2004	ML	.XXX	±.005	210 FR. - BB - TS - DR. PR.	REF		
9	REDRAWN IN AUTOCAD	TAT 06-29-2004	ML	.XXXX	±.0005	MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	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 ss86500		SIZE A	DRAWING NO. SS86500	PAGE 1 OF 1	REV. 14
			DIST LB						

**THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'**

**TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.**

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

**IF MOTOR HAS
6 LEADS**

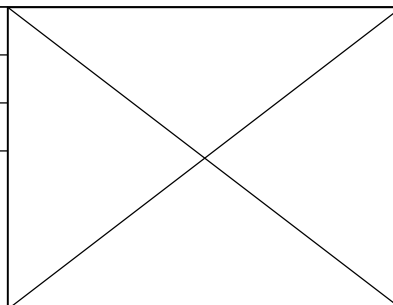




A-9806 DECAL

**OPTIONAL CORD
CONNECTION**

- L1 WHITE
- L2 RED
- L3 BLACK

DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA	 Regal Beloit America, Inc.
DATE 03-26-1993	
APPROVED BY TB	DESCRIPTION CONNECTION DIAGRAM
DATE 03-26-1993	EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR
REFERENCE	MATERIAL
PROCESS/FINISH	
THIRD ANGLE PROJECTION 	SIZE A
DRAWING NUMBER EE7300	SHEET 1 OF 1

Data Sheet

Date: 15-06-2017
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



213TTDW6030

Submittal

Data @ 575 V

Motor Load Data

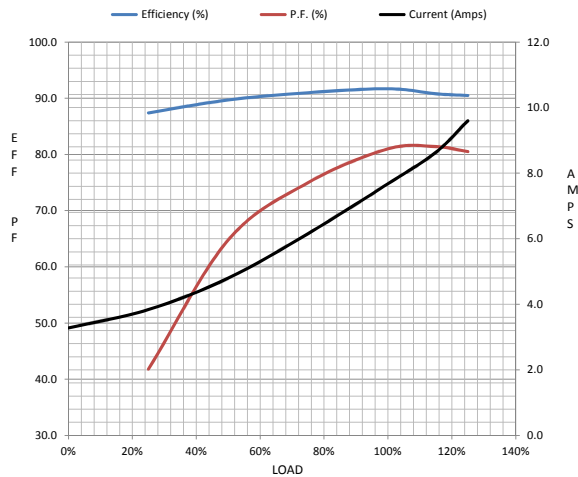
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	3.3	3.8	4.8	6.2	7.7	8.6	9.6	50.8
Torque (ft-lb)	0.00	5.5	11.0	16.6	22.5	25.5	28.0	51.0
RPM	1800	1790	1780	1775	1760	1,755	1752	0
Efficiency (%)		87.4	89.7	91.0	91.7	90.8	90.5	
P.F. (%)	6.5	41.8	64.8	75.0	81.0	81.4	80.5	39.5

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	700	1605	1760	1800
Current (Amps)	50.8	44.0	30.0	7.7	3.3
Torque (ft-lb)	51.0	40.0	66.0	22.5	0.00

Information Block

HP	7.5			
Sync. RPM	1800			
Frame	213			
Enclosure	DP			
Construction	TDW			
Voltage	575 V			
Frequency	60 Hz			
Design	B			
LR Code letter	H			
Service Factor	1.15			
Temp Rise @ FL	22 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.85 Lb-Ft ²			
Ref Wdg	K2134182 NONE			
Sound Pressure @ 1M	66 dBA			
VFD Rating	NONE			
Outline Dwg	SS86500-1240			
Conn. Diag	A-EE7300			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
1.1870	0.8740	4.0750	5.7760	89.7750



Speed -Torque Curve

