

PRODUCT INFORMATION PACKET

Model No: 215TTDW4009
Catalog No: E181
15,3600,DP,215JM,3/60/575
JM



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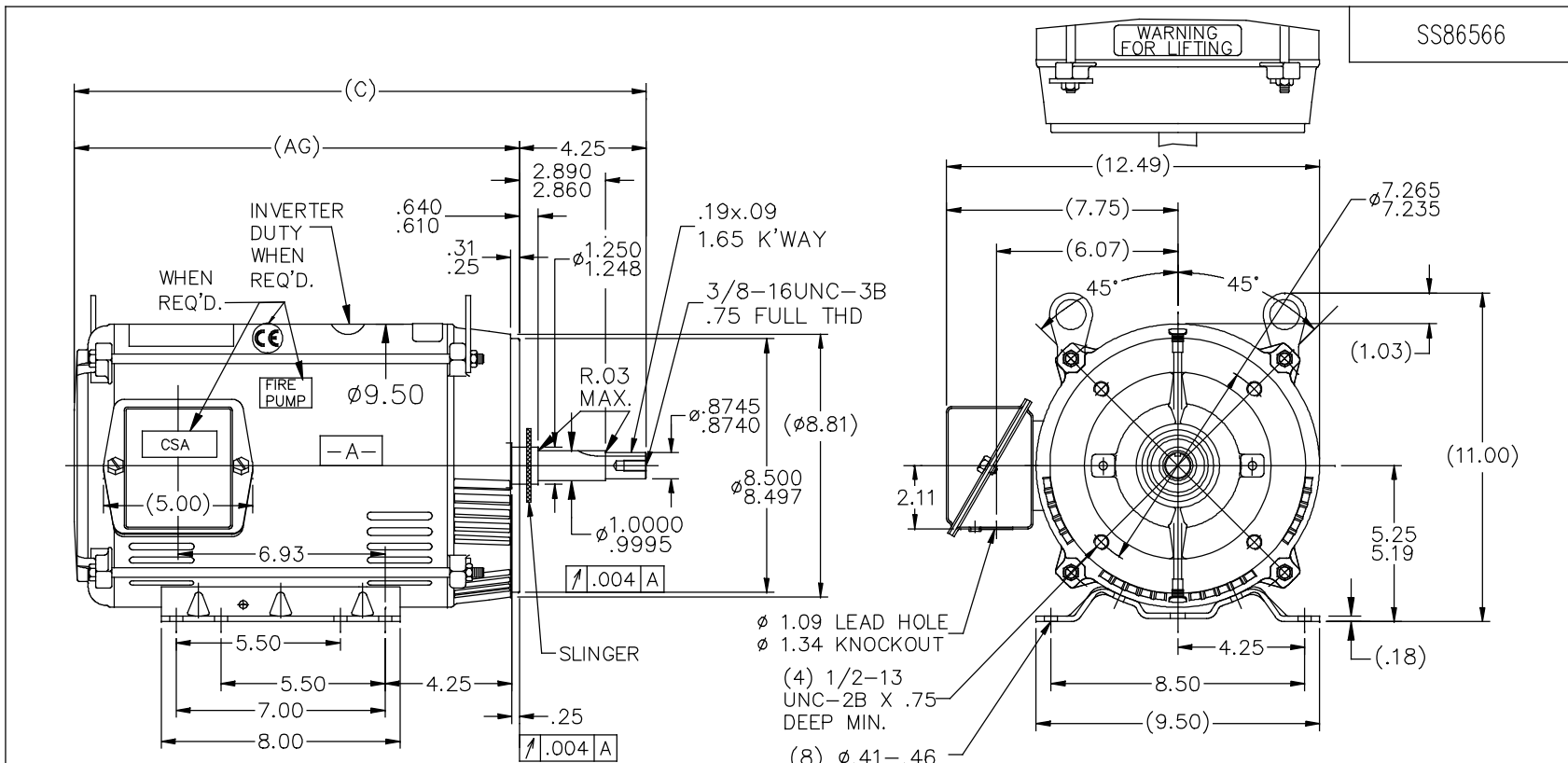
Nameplate Specifications

Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	575 V
Current	14.0 A	Speed	3510 rpm
Service Factor	1.15	Phase	3
Efficiency	90.2 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	G	Frame	215JM
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6309
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	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	JM
Overall Length	20.41 in	Frame Length	12.40 in
Shaft Diameter	0.875 in	Shaft Extension	4.25 in
Assembly/Box Mounting	F1/F2 Capable		
Outline Drawing	A-SS86566-1240	Connection Diagram	A-EE7300


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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)

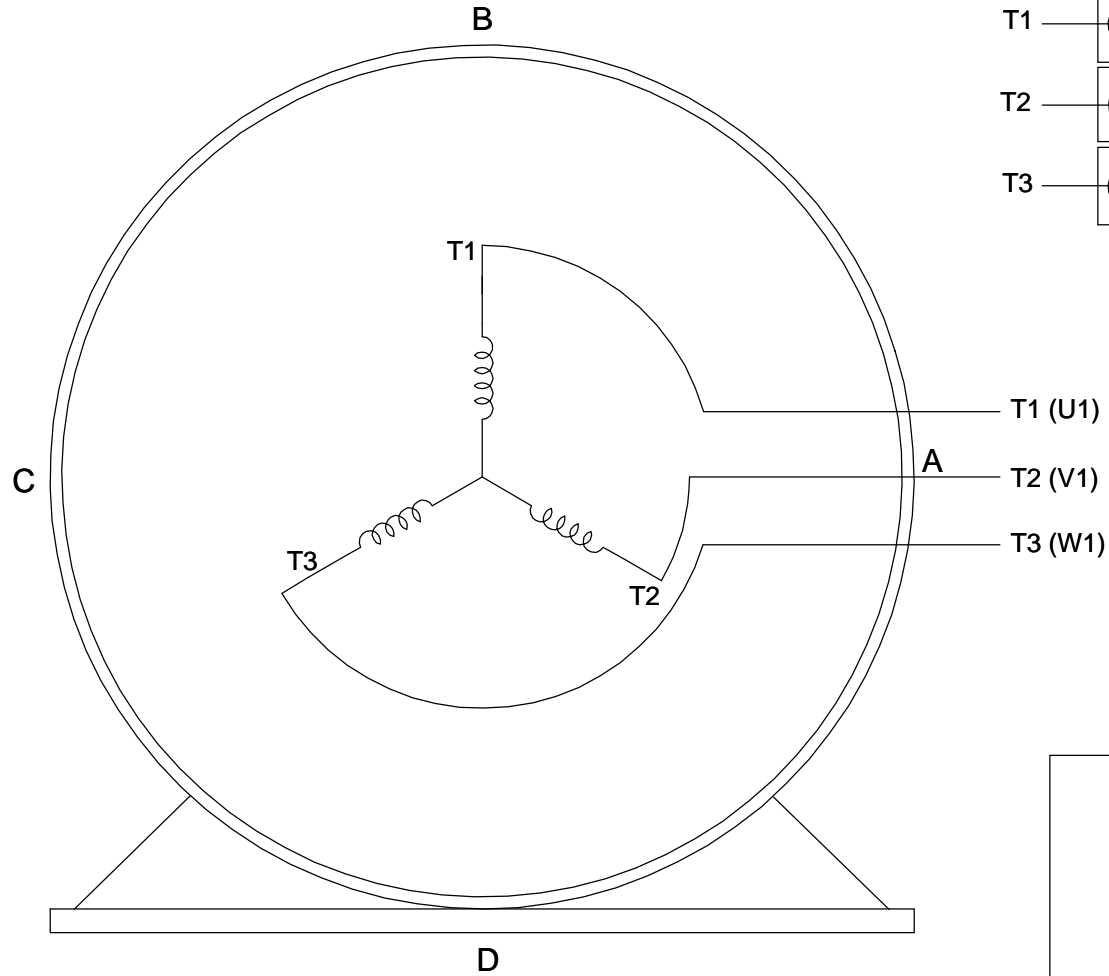
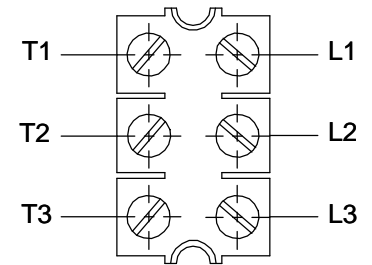
DASH	FR.	C	AG	BS	MOUNTING
965	213JM	17.66	13.41	5.43	
1115	213/15JM	19.16	14.91	6.93	
1240	213/15JM	20.41	16.16	8.18	F1 ONLY

8	ADDED INVERTER LOGO	MVG 01/24/2018	MVG	TOLERANCES UNLESS SPECIFIED	 Regal Beloit America, Inc.	DRAWN KL 12-23-1994			
7	TITLE BLOCK LOGO CHANGE PER ECO-0078542	MDV 06/09/2015		DEC. INCHES		CHK ML 12-23-1994			
6	Ø.8745/.8740 WAS Ø.8750/.8745 ECN #21254	WGJ 08/03/2011	EMH	.X ±.1	APPD DRN 12-23-1994				
5	UPDATED DRAWING	TJW 04/27/2007		.XX ±.03	TITLE OUTLINE	SCALE 1=5			
4	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.XXX ±.005	210JM FR.-BB-TS-DR.PR.-C' FACE	REF			
3	UPDATED C' BOX GEOMETRY CN 28425	DRS 04-16-2001		.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 ss86566	SIZE A	DRAWING NO. SS86566	PAGE OF 8	REV. 8
				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
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
MATERIAL	PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7300
SHEET 1 OF 1	

Data Sheet

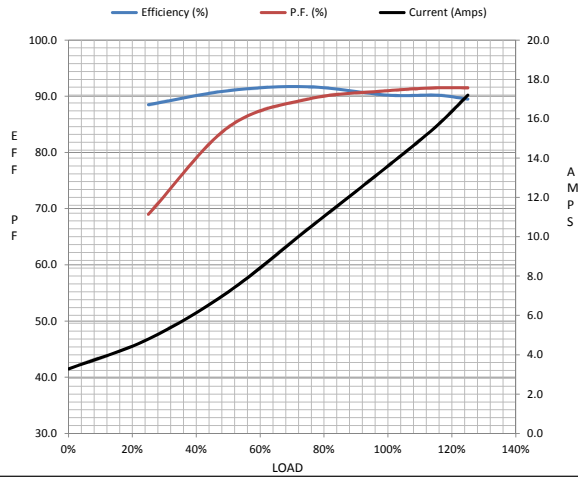
Date: 20-06-2017
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



215TTDW4009
Submittal
 Data @ 575 V

Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	3.3	4.8	7.2	10.4	13.6	15.6	17.2	92.8	
Torque (ft-lb)	0.00	5.5	11.0	16.7	22.5	26.0	28.5	34.5	
RPM	3600	3580	3560	3535	3510	3,495	3485	0	
Efficiency (%)		88.5	91.0	91.7	90.2	90.2	89.5		
P.F. (%)	9.0	69.0	84.5	89.5	91.0	91.5	91.5	42.0	

Motor Speed Data						Information Block	
	LR	Pull-Up	BD	Rated	Idle		
Speed (RPM)	0	1200	3025	3510	3600	HP	15.0
Current (Amps)	92.8	80.0	58.8	13.6	3.3	Sync. RPM	3600
Torque (ft-lb)	34.5	31.0	65.5	22.5	0.00	Frame	215
						Enclosure	DP
						Construction	TDW
						Voltage	575 V
						Frequency	60 Hz
						Design	A
						LR Code letter	G
						Service Factor	1.15
						Temp Rise @ FL	35 ° C
						Duty	CONT
						Ambient	40 ° C
						Elevation	1,000 feet
						Rotor/Shaft wk ²	0.60 Lb-Ft ²
						Ref Wdg	K2152149 NONE
						Sound Pressure @ 1M	75 dBA
						VFD Rating	NONE
						Outline Dwg	A-SS86566-1240
						Conn. Diag	A-EE7300



Additional Specifications:	
0	
365THFS8036	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.7590	0.5760
X1	X2
2.3300	1.5800
Xm	
91.5470	

