

PRODUCT INFORMATION PACKET

Model No: 213TTDWD16347
Catalog No: E167A
7 1/2,1800,DP,213JMV,3/60/200
JM



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Nameplate Specifications

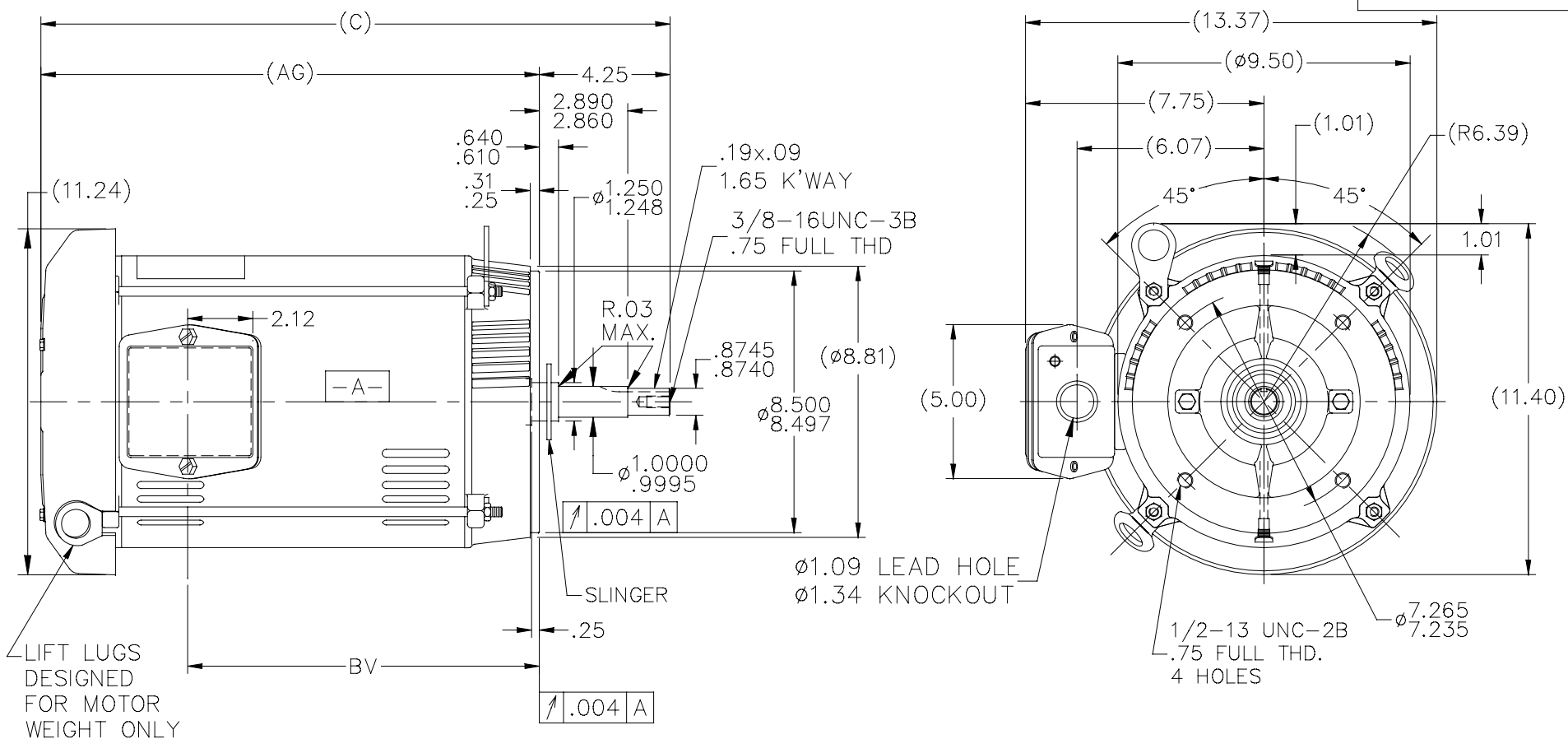
Output HP	7.5 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	200 V
Current	23 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	91 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	B
KVA Code	H	Frame	213JMV
Enclosure	DP	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	4	Rotation	REV
Mounting	ROUND	Motor Orientation	SHAFT DOWN
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	JM
Overall Length	18.94 in	Shaft Diameter	1.38 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS86596-1115	Connection Diagram	5102.01

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SS86596



DASH	FR.	C	AG	BV
965	213JM	18.94	14.69	9.93
1115	213/15JM	20.44	16.19	11.43
1240	213/15JM	21.69	17.44	12.68

- NOTES:
1. NAMEPLATE TO BE READ FROM SHAFT EXT. END OF MOTOR.
 2. BOX CAN BE MOUNTED IN 90° STEPS.

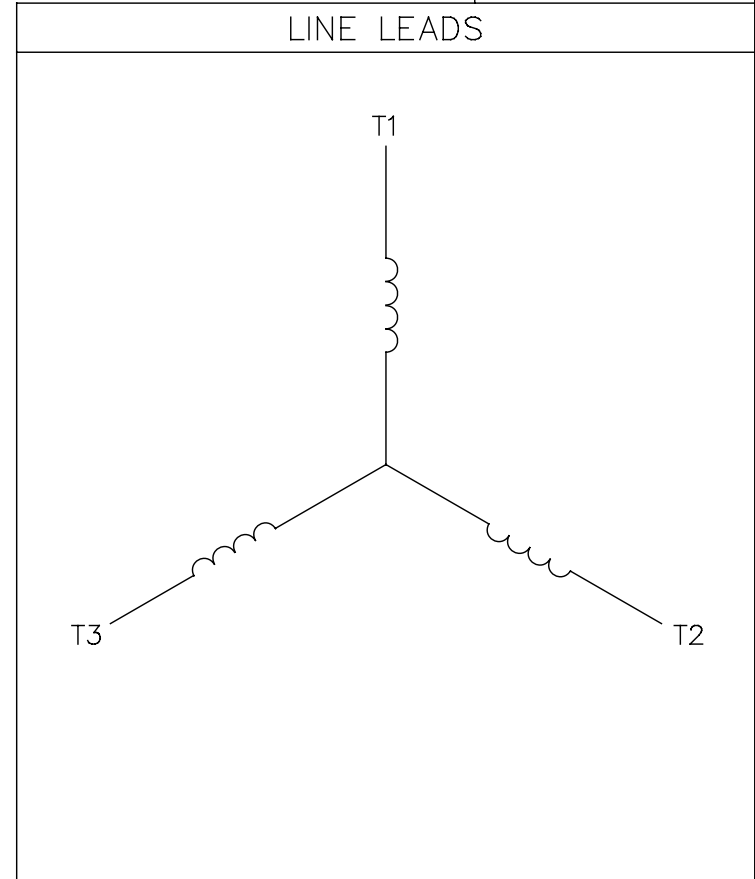
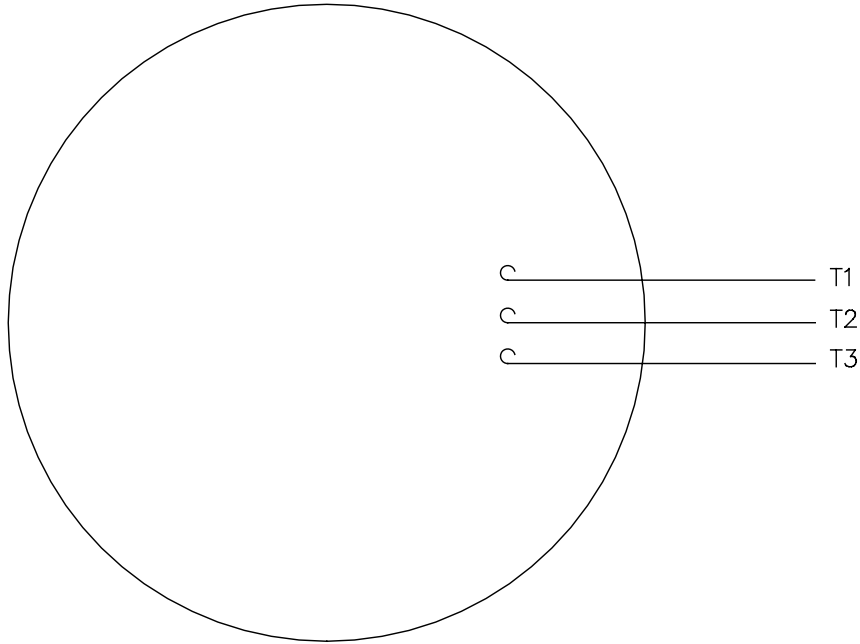
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN DA 03 26 1996
						DEC.	INCHES		
6	TITLE BLOCK LOGO CHANGE PER ECO-0078542	MDV 06/09/2015							CHK ML 04-01-1996
5	UPDATED DRAWING	TJW 04/30/2007							APPD DN 04-01-1996
4	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.X	±.1				SCALE 1=5
3	UPDATED DRIP COVER GEOMETRY CN 29200-433	DRS 01-25-2002		.XX	±.03			TITLE OUTLINE - C' FACE	REF
2	UPDATED C' BOX GEOMETRY CN 28425	DRS 01-31-2001		.XXX	±.005			210JM FR. - DR. PR.	FMF
1	NEW DRAWING - DES/DEV	DA 04-02-1996		.XXXX	±.0005			MAT'L.	PREV
			RFP					CAD FILE ss86596	
			DIST LB						
								SIZE A	DRAWING NO. SS86596
									PAGE OF 6
									REV. 6



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005102-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



CONNECT LEADS AS FOLLOWS
FOR FOUR CONDUCTOR CORD ()

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

				TOLERANCES UNLESS SPECIFIED		Regal Beloit America, Inc.			DRAWN JRW 9/11/75	
				DEC.	INCHES				CHK	
				.X	±.1	APPD JCW 9/11/75		SCALE 1=1		
08	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR			REF W-T6343-6	
07	UPDATED TO CURRENT STANDARDS	DBT 5/30/97		.XXX	±.005				MAT'L. DECAL - 004169	
06	REDRAWN ON CAD; ADDED DECAL NUMBER	SAW 1/24/95		.XXXX	±.0005	FINISH			PREV	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	RFP 5/1/02	CAD FILE 00510201	SIZE A	DRAWING NO. 005102-01	REV. 08
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Data Sheet

Date: 29-06-2017
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



213TTDWD16347

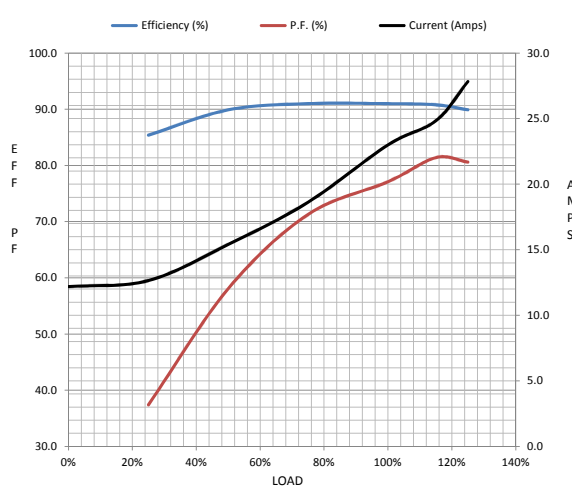
Submittal
 Data @ 200 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	12.2	12.7	15.4	18.6	23.0	24.8	27.8	140
Torque (ft-lb)	0.00	5.5	11.0	16.6	22.3	25.5	28.0	45.3
RPM	1800	1792	1784	1775	1765	1,755	1748	0
Efficiency (%)		85.4	89.9	91.0	91.0	90.8	89.9	
P.F. (%)	5.2	37.4	58.1	71.3	77.1	81.4	80.6	44.8

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	700	1575	1765	1800
Current (Amps)	140	127	85.1	23.0	12.2
Torque (ft-lb)	45.3	40.0	66.1	22.3	0.00



Information Block				
HP	7.5			
Sync. RPM	1800			
Frame	213			
Enclosure	DP			
Construction	TDW			
Voltage	200 V			
Frequency	60 Hz			
Design	B			
LR Code letter	H			
Service Factor	1.15			
Temp Rise @ FL	35 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.85 Lb-Ft ²			
Ref Wdg	K2134278 NONE			
Sound Pressure @ 1M	66 dBA			
VFD Rating	NONE			
Outline Dwg	SS86596			
Conn. Diag	005102.01			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.1440	0.1060	0.4930	0.6990	10.8610

Speed -Torque Curve

