

PRODUCT INFORMATION PACKET

Model No: 215TTDW4010

Catalog No: E182

15 HP Close-Coupled Pump Motor, 3 phase, 3600 RPM, 200 V, 215JMV Frame, ODP
JM Motors



Nameplate Specifications

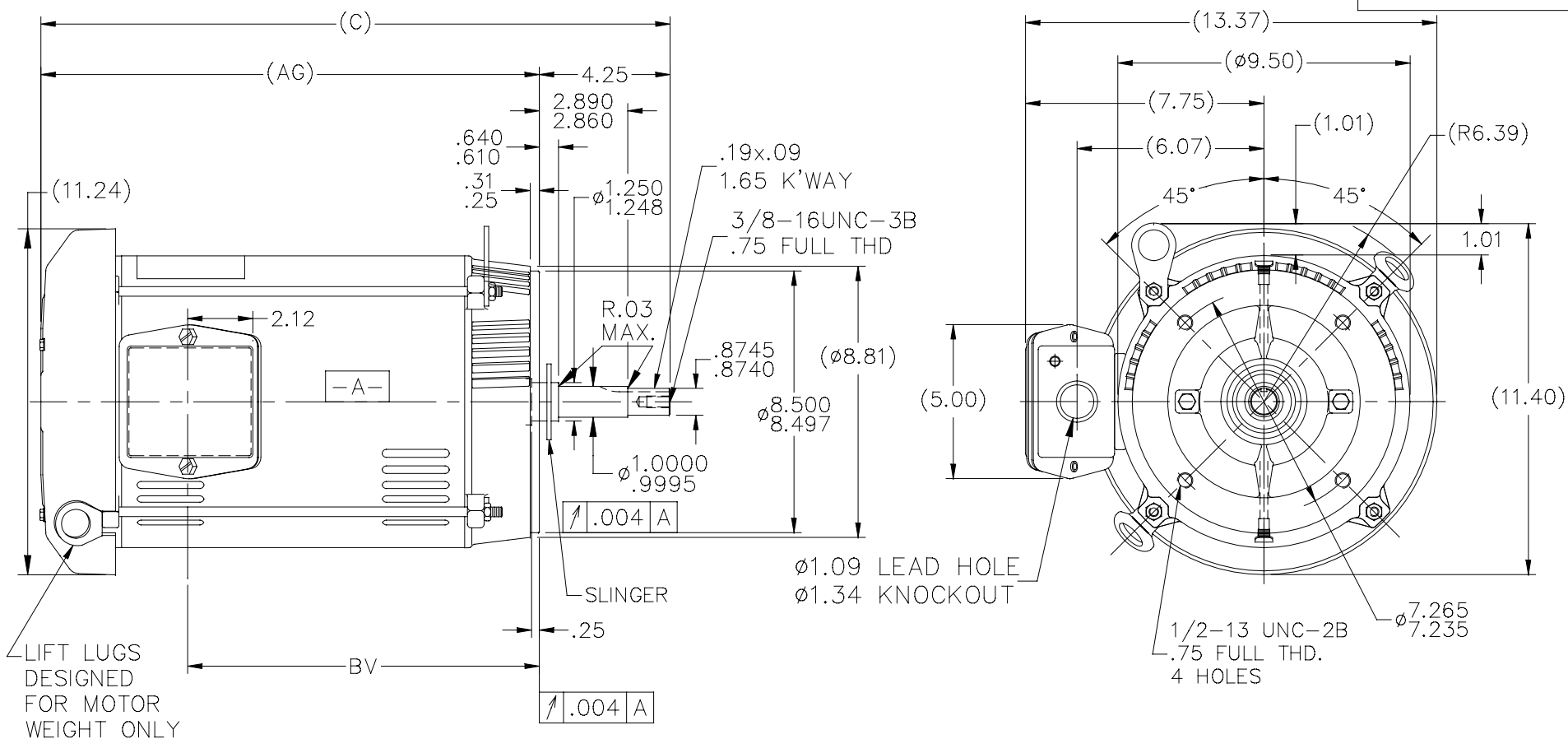
Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	200 V
Current	39.0 A	Speed	3510 rpm
Service Factor	1.15	Phase	3
Efficiency	90.2 %	Power Factor	91
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	215JMV	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive 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
Resistance Main	.825 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	21.69 in
Frame Length	12.40 in	Shaft Diameter	1.250 in
Shaft Extension	4.25 in	Assembly/Box Mounting	F1 Only
Connection Drawing	A-EE7300	Outline Drawing	A-SS86596-1240

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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		 Regal Beloit America, Inc.	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	SIZE A
			DIST LB						DRAWING NO. SS86596
									PAGE OF 6
									REV. 6

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**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.		
		DESCRIPTION CONNECTION DIAGRAM EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1

Data Sheet

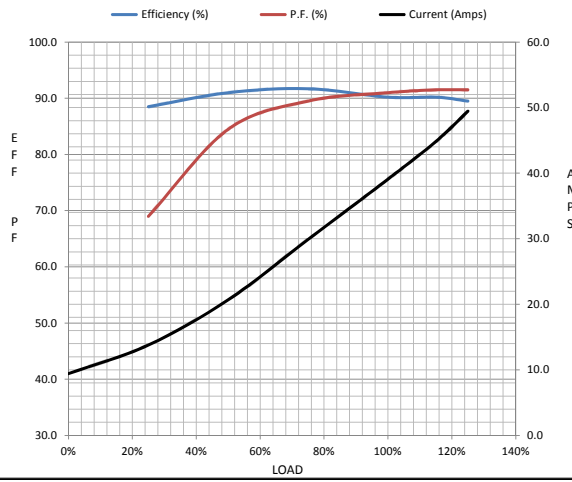
Date: 15-06-2017
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



215TTDW4010
Submittal
 Data @ 200 V

Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	9.4	13.8	20.7	29.9	39.1	44.9	49.5	267	
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)	267	230	169	39.1	9.4	Sync. RPM	3600
Torque (ft-lb)	34.5	31.0	65.5	22.5	0.00	Frame	215
						Enclosure	DP
						Construction	TDW
						Voltage	200 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-SS86596-1240
						Conn. Diag	A-EE7300



Additional Specifications:	
0	
365THFS8036	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0920	0.0700
X1	X2
0.2820	0.1910
Xm	
	11.0760

