

PRODUCT INFORMATION PACKET

Model No: 215TTDWD4023
Catalog No: E183A
15,3600,DP,215JMV,3/60/230/460
JM



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Nameplate Specifications

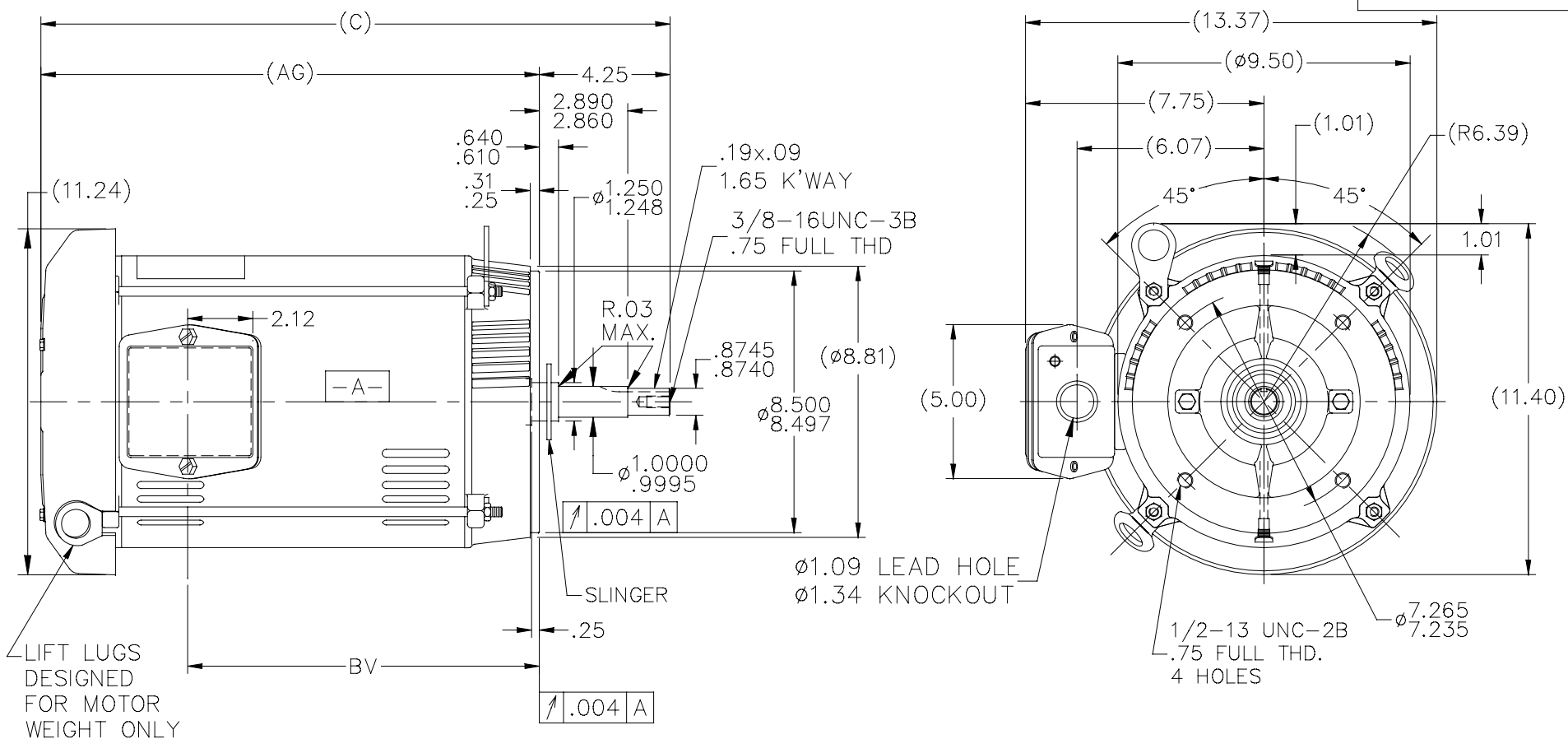
Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	36.5/18.2 A	Speed	3525 rpm
Service Factor	1.15	Phase	3
Efficiency	91 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	B
KVA Code	G	Frame	215JMV
Enclosure	DP	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	12		

Technical Specifications

Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	2	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	20.44 in	Frame Length	11.15 in
Shaft Diameter	0.88 in	Shaft Extension	4.25 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS86596-1115	Connection Diagram	5010.01

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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		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	DRAWING NO. SS86596
			DIST LB					PAGE OF 6



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005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		Regal Beloit America, Inc.		DRAWN RDW 04/12/02				
				DEC.	INCHES			CHK				
				.X	±.1			APPD				
				.XX	±.01			SCALE 1=1				
				.XXX	±.005	TITLE		REF FIG.2-51				
A	UPDATED TO REGAL LOGO			SAJ	06/26/15	AJY	.XXXX	±.0005	MAT'L. DECAL - 004014	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	04/12/02		CAD FILE		00501001	SIZE	DRAWING NO.	REV.
				DIST		BRF-NLV				A	005010-01	

CERTIFICATION DATA SHEET

Model#: 215TTDWD4023 AA **WINDING#:** K2152225 NONE 3
CONN. DIAGRAM: 005010.01 **ASSEMBLY:** F1/F2 CAPABLE
OUTLINE: SS86596-1115

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
15&10	11.2&7.50	3600	3525&2940	215JMV	DP	G	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/ 380	36.5/18.2&30/ 15	ACROSS THE LINE	CONTINUOU S	F4	1.15/1.15	40	3300

FULL LOAD EFF: 91&91	3/4 LOAD EFF: 92.1	1/2 LOAD EFF: 91.8	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 85&83.1	3/4 LOAD PF: 79.6	1/2 LOAD PF: 69.5	89.5	SQ CAGE IND RUN	15.2 / 7.6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
22.4 LB-FT	232 / 116	41.8 LB-FT 187	62.9 LB-FT 281	40

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	0.5 LB-FT^2	25 LB-FT^2	15 SEC.	2	115 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	SHAFT DOWN	FALSE	NONE	TRUE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	JM	NONE	NONE	EN8D STEEL BAR (C-242)	ROLLED STEEL
6309	6206						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

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