

PRODUCT INFORMATION PACKET

Model No: 213TTDW16010
Catalog No: U432A
10,3600,DP,213TC,3/60/230/460
Open Drip Proof (ODP)



Regal and Marathon are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E



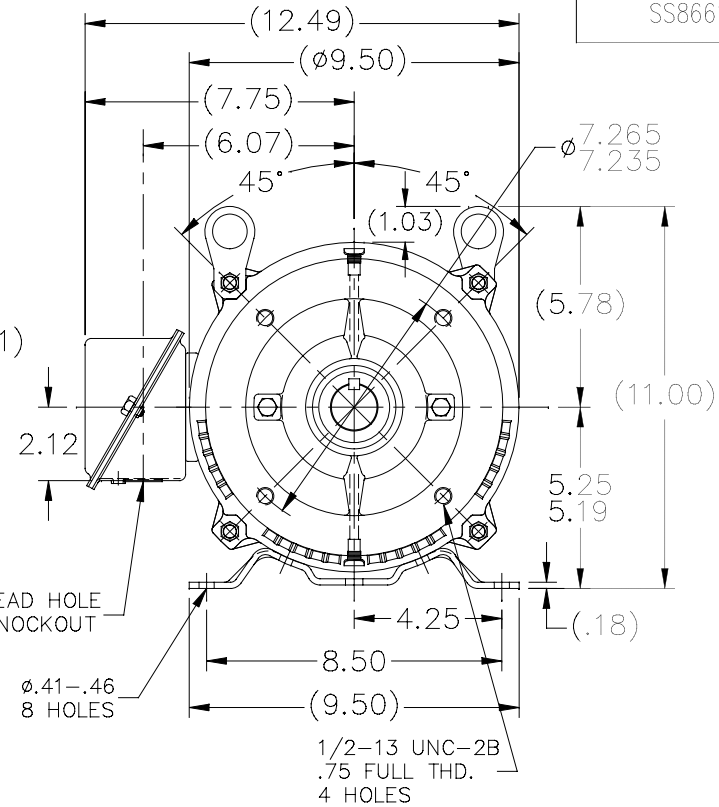
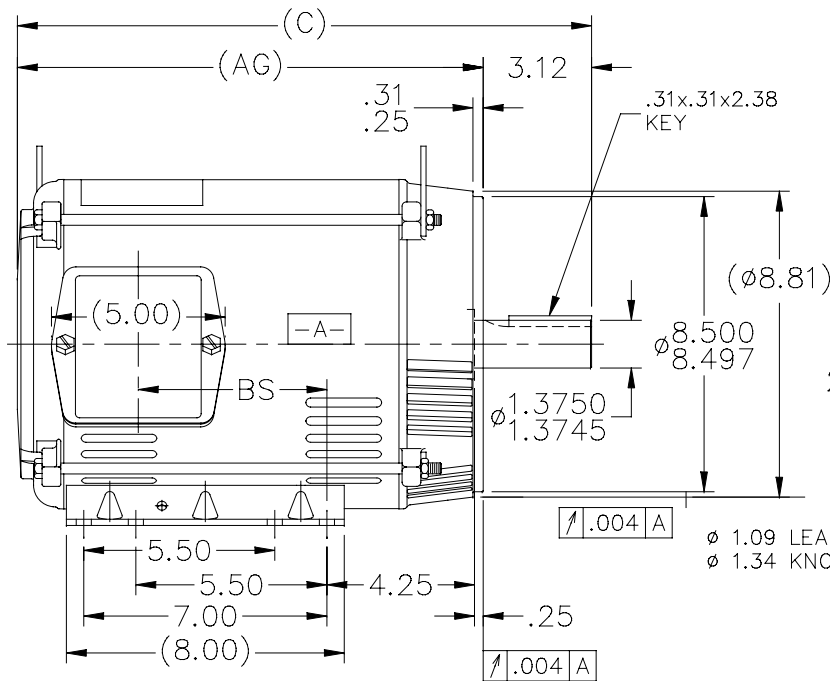
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	23.4/11.7 A	Speed	3515 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	H	Frame	213TC
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	Part Wdg Start Low Volt Only & Wye Start Delta Run
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	T
Overall Length	18.03 in	Frame Length	11.15 in
Shaft Diameter	1.375 in	Shaft Extension	3.12 in
Assembly/Box Mounting	F1/F2 Capable		
Outline Drawing	A-SS86614-1115	Connection Diagram	A-EE7358

SS86614



NOTES:

1. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
2. CONDUIT BOX CAN BE MOUNTED IN 90° STEPS.
3. CONDUIT BOX CAN BE MOUNTED OM OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180. (EXCEPT AS NOTED)

DASH	FRAME	C	AG	BS	MOUNTING
965	213T	16.53	13.41	5.43	
1115	213/15T	18.03	14.91	6.93	
1240	213/15T	19.28	16.16	8.18	F1 ONLY

NO.	REVISION	BY & DATE	CHK	ANG	±'30"
5	TITLE BLOCK LOGO CHANGE PER ECO-0078542	MDV 06/09/2015			
4	UPDATED DRAWING	TJW 04/30/2007			
3	REDRAWN IN AUTOCAD	TAT 06-29-2004	ML	.XX	±.03
2	UPDATED C' BOX GEOMETRY	CN 28425 HLB 11-13-2000		.XXX	±.005
1	NEW DRAWING - DES/DEV	MRB 05-22-1996		.XXXX	±.0005

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±'30"

REGAL™ Regal Beloit America, Inc.

TITLE OUTLINE - C' FACE
210T FR. - BB - TS - DR.PR.

MAT'L.

FINISH

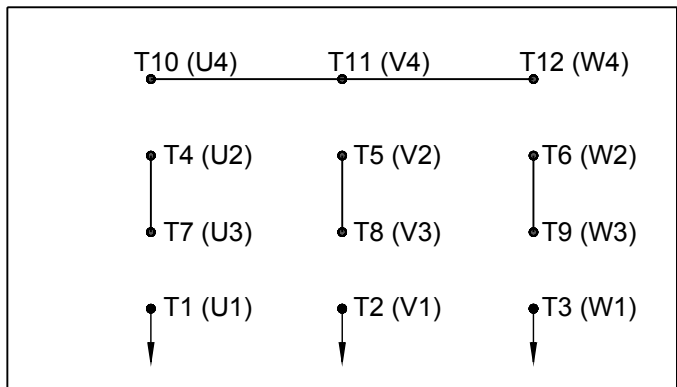
DRAWN MRB 05-07-1996
CHK ML 05-20-1996
APPD DN 05-20-1996
SCALE 7=32
REF
FMF
PREV

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

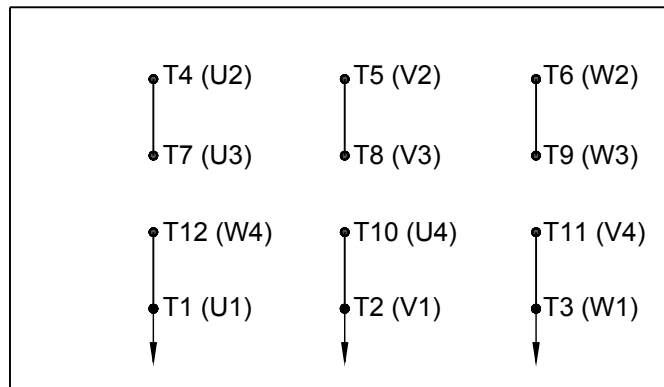
RFP	CAD FILE ss86614	SIZE	DRAWING NO.	PAGE	OF	REV.
DIST LB		A	SS86614	5		5

HIGH VOLTAGE

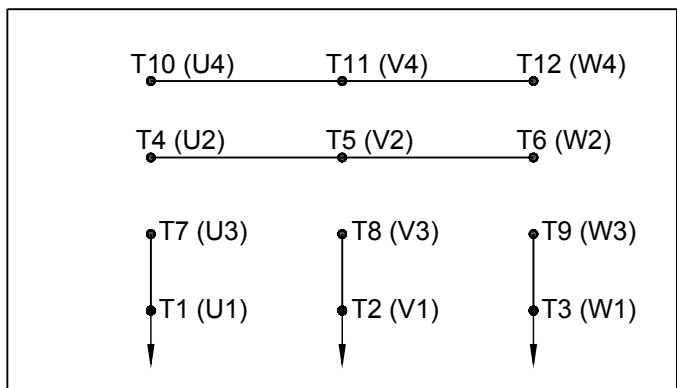
WYE START



DELTA RUN

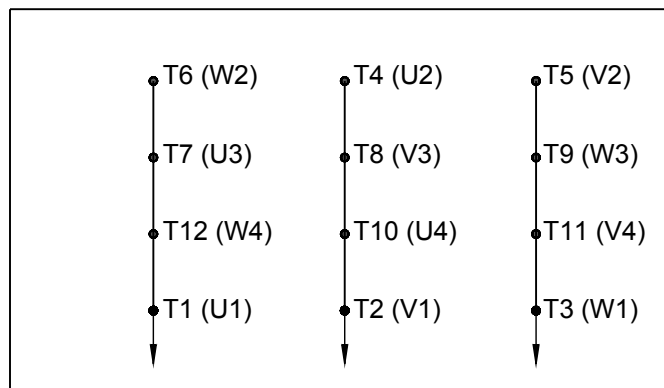


WYE START



LOW VOLTAGE

DELTA RUN

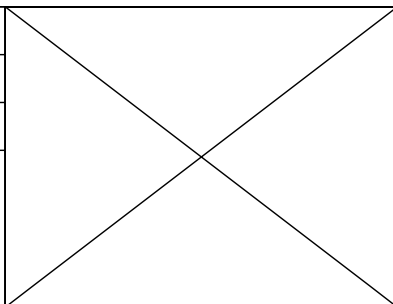


4/2 CKTY \triangle

DRAWING REVISION D	REVISION BY JWO	DATE 01-26-2016
ECO ECO-0092547	APPROVED BY TB	DATE 01-26-2016

ECO DESCRIPTION
ADDED IEC MARKINGS

COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.



DRAWN BY BLR		Regal Beloit America, Inc.
DATE 03-09-1998		
APPROVED BY GK	DESCRIPTION CONN DIAGRAM-EXTERNAL	
DATE 03-23-1998	12 LEAD - DUAL VOLT. - WYE START - DELTA RUN	
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7358

SHEET 1 OF 1	
-----------------	--

CERTIFICATION DATA SHEET

Model#: 213TTDW16010 AA **WINDING#:** K213282 R5 7
CONN. DIAGRAM: A-EE7358 **ASSEMBLY:** F1/F2 CAPABLE
OUTLINE: A-SS86614-1115

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
10&7 1/2	7.5&5.6	3600	3515&2910	213TC	DP	H	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/ 380	23.4/11.7&22/ 11	PWS(LV ONLY) & YDRUN	CONTINUOUS	B3	1.15/1.15	40	3300

FULL LOAD EFF:	3/4 LOAD EFF:	1/2 LOAD EFF:	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
89.5&87.5	89.5	88.5			
FULL LOAD PF: 90&90	3/4 LOAD PF: 87.5	1/2 LOAD PF: 81	86.5	SQ CAGE IND RUN	7 / 3.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
15 LB-FT	162 / 81	25 LB-FT 167	46.5 LB-FT 310	25

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	0.45 LB-FT^2	5 LB-FT^2	15 SEC.	2	105 LBS.

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

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	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

*
N
O
T
E
S
*

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

DATE: 06/22/2017 04:57:58 AM
FORM 3531 REV.3 02/07/99

** Subject to change without notice.

