# PRODUCT INFORMATION PACKET



Model No: 215TTDW7204 Catalog No: Y455 5,1800/1200,DP,215T,3/60/200-230 Other Purpose



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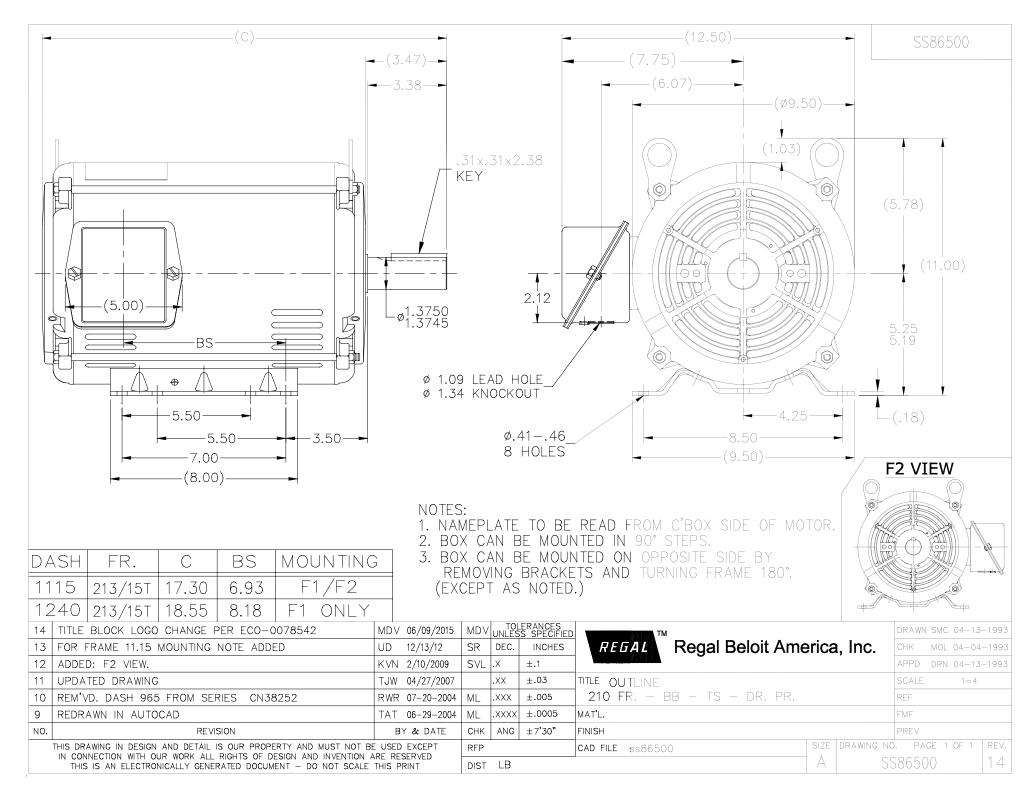
# **Nameplate Specifications**

Output HP	5,2.22 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	200-230 V
Current	14.5-14,7.8-7.4 A	Speed	1775,1175 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Duty	Continous
Insulation Class	F	Design Code	2VT
KVA Code	N	Frame	215T
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6307
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Υ	CE	Υ
IP Code	22		

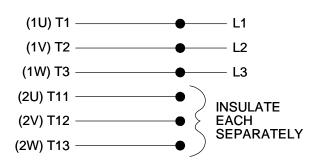
# **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4//6	Rotation	Fixed Clockwise
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Т
Overall Length	17.3 in	Frame Length	11.15 in
Shaft Diameter	1.375 in	Shaft Extension	3.47 in
Assembly/Box Mounting	F1/F2 Capable		
Outline Drawing	A-SS86500-1115	Connection Diagram	A-EE7317

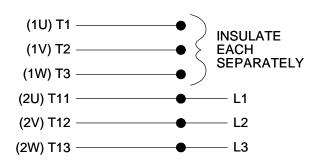
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## LOW SPEED



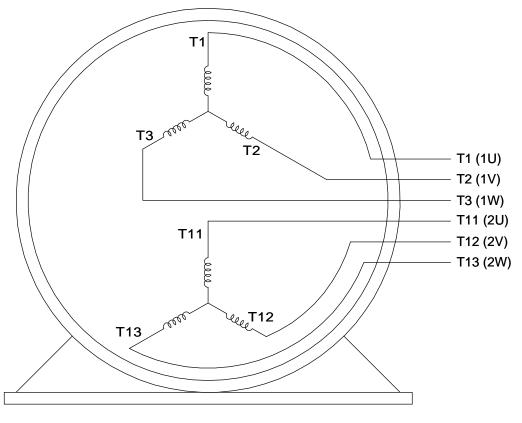
### HIGHSPEED



TO REVERSE ROTATION ON EITHER SPEED: INTERCHANGE ANY 2 LEADS ON THE WINDING IN USE.

### Uncontrolled Copy

# THREE PHASE, SINGLE VOLT, 6 LEAD 2 SPEED REVERSIBLE MOTOR



VIEW OF TERMINAL END

DRAWING REVISION	REVISION BY	DATE
С	JJB	10-25-2017
ECO	APPROVED BY	DATE
ECO-0132917	TLB	10-30-2017
ECO DESCRIPTION		

### REVISED PER ECO & UPDATED TO STANDARDS

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DRAWN BY LZ DATE 01-05-19	F	REGAL	Rega	al Beloit Ame	rica, Inc.		
APPROVED BY GK DATE 01-17-19	DESC			AGRAM-II NGLE - 2 SPEED		-	
REFERENCE		MATE	RIAL			PROCESS/FINISH	
THIRD ANGLE PROJECTION	⊕⊖	SIZE A	DRAWING NUI	MBER	EE7317		SHEET 1 OF 1

#### **CERTIFICATION DATA SHEET**

 Model#:
 215TTDW7204 AC
 WINDING#:
 K215(4-6)57 NONE 2

 CONN. DIAGRAM:
 A-EE7317
 ASSEMBLY:
 F1/F2 CAPABLE

OUTLINE: A-SS86500-1115

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### TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5&2.22	3.7&1.66	1200	1775&1175	215T	DP	N	2VT

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/60	200-230	14.5-14&7.8-	ACROSS THE	CONTINUOU	F4	1.15/1.15	40	3300
			7.4	LINE	S				

FULL LOAD I 85.5&81.5	 LOAD EFF: 76.8	1/2 LOAD EFF: 75.3	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD 78.9&67.8	 LOAD PF: 60.9	1/2 LOAD PF: 46	77.8	SQ CAGE IND RUN	4.6

F.L. TORQUE	F.L. TORQUE LOCKED ROTOR AMPS		B.D. TORQUE	F.L. RISE°C	
9.8 LB-FT	46	15 LB-FT 153	33.5 LB-FT 342	25	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	1 LB-FT^2	0 LB-FT^2	10 SEC.	0	97 LBS.

### \*\*\* SUPPLEMENTAL INFORMATION \*\*\*

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6307	6206						

	THERMO-PF	ROTECTORS	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

\*\* Subject to change without notice.

BRAKE: NONE NONE
NONE P/N NONE

NONE NONE

NONE NONE - FT-LB NONE V NONE Hz

DATE: 06/20/2017 08:49:23 AM FORM 3531 REV.3 02/07/99

