



P.O. BOX 8003  
 WAUSAU, WI 54401-8003  
 PH. 715-675-3311

**CERTIFICATION DATA SHEET**

CUSTOMER: CUSTOMER PO#:   
 ORDER #: MODEL #: 254TTDX7289 BB   
 CONN. DIAGRAM: A-EE7317 CUSTOMER PART #:   
 OUTLINE: A-SS86503-1545 MOUNTING: F1/F2 CAPABLE   
 WINDING #: 215(4-6)35 2

**TYPICAL MOTOR PERFORMANCE DATA**

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN			
7 1/2&3 1/3	5.60&2.48	1800	1770&1180	254T	DP	K	2VT			
PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB		
3	60/60	575&575	7.3&4	ACROSS THE LINE	CONTINUOUS	F3	1.15/1.15	40		
FULL LOAD EFF: 87.5&84		3/4 LOAD EFF: 88.5		1/2 LOAD EFF: 87		GTD. EFF	ELEC. TYPE			
FULL LOAD PF: 86.5&73		3/4 LOAD PF: 82		1/2 LOAD PF: 72		86.5	SQ CAGE IND RUN			
F.L. TORQUE		LOCKED ROTOR AMPS		L.R. TORQUE		B.D. TORQUE		F.L. RISE		
22 LB-FT		64		60 LB-FT 273 %		78 LB-FT 355 %		45		
SOUND PRESSURE @ 3 FT.		SOUND POWER		ROTOR WK^2		MAX. WK^2		SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
70 dBA		80 dBA		1.4 LB-FT^2		LB-FT^2		20 SEC.		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	STANDARD
BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL	
DE	ODE	STANDARD	T	NONE	NONE	STANDARD	ROLLED STEEL	
BALL	BALL							
309	208							
THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS		
THERMOSTATS		PROTECTORS	WDG RTDs	BRG RTDs	NONE	FALSE	NONE VOLTS	
NONE		NOT	NONE	NONE				

H-215/4-6/35-2

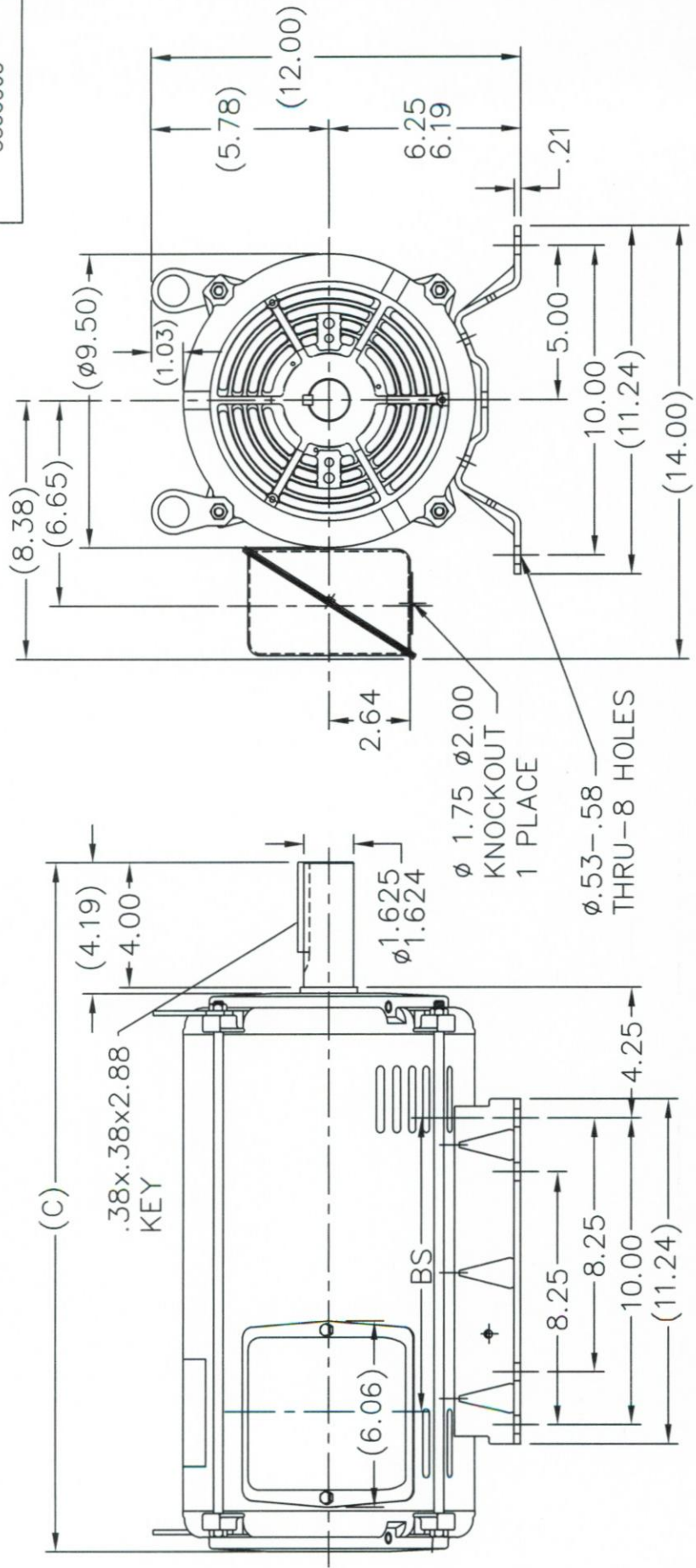
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PREPARED BY: DATE: 11/06/2012 02:53:53 PM  
 FORM 3531 REV.3 02/07/99  
 \*\* Subject to change without notice.

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



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NOTES:

1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180° (EXCEPT AS NOTED.)
4. F2 MOUNT - USES 2ND HOLE ON 1370 FRAME.

DASH	FR.	C	BS	MOUNTING
1370	254T	20.57	7.68	F1 OR F2
1545	254T/256T	22.32	9.43	F1 OR F2

DRAWN SMC 04-22-1993		TOLERANCES UNLESS SPECIFIED	
CHK	MOL 04-23-1993	DEC.	INCHES
APPD	DRN 09-13-1993	X	±.1
SCALE	1=5	XX	±.03
REF		XXX	±.005
FMF		XXXX	±.0005
PREV		CHK	ANG
DRAWN SMC 04-22-1993		BY & DATE	
CHK MOL 04-23-1993		RFP	
APPD DRN 09-13-1993		DIST LB	
SCALE 1=5		REV.	
REF		PAGE OF	
FMF		7	
PREV		REV.	
TITLE OUTLINE		SIZE DRAWING NO.	
250 FR. - BB - DR.PR.		A	
MATT.		SS86503	
FINISH		CAD FILE ss86503	
CAD FILE ss86503		REV.	

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

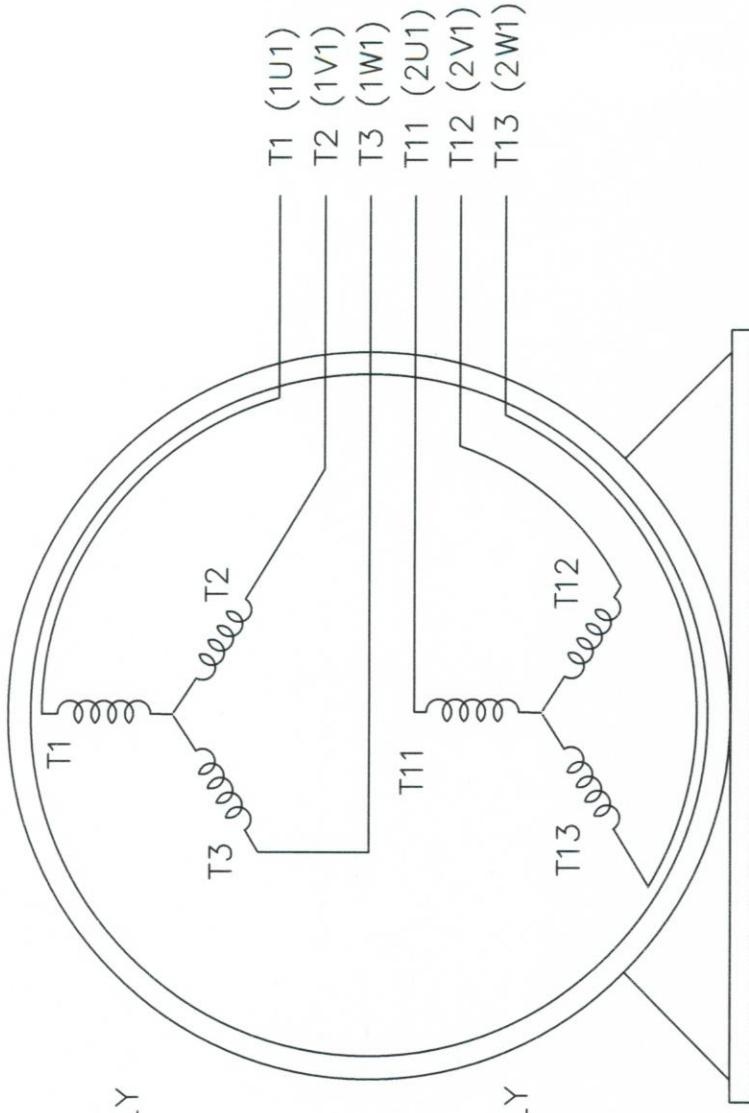
LOW SPEED

- (1U1) T1 ——— L1
- (1V1) T2 ——— L2
- (1W1) T3 ——— L3

(2U1) T11 ——— }  
 (2V1) T12 ——— } INSULATE  
 (2W1) T13 ——— } EACH  
 SEPARATELY

HIGH SPEED

- (1U1) T1 ——— }  
 (1V1) T2 ——— } INSULATE  
 (1W1) T3 ——— } EACH  
 SEPARATELY
- (2U1) T11 ——— L1
- (2V1) T12 ——— L2
- (2W1) T13 ——— L3



VIEW OF TERMINAL END

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

TOLERANCES UNLESS SPECIFIED		DRAWN LZ 01-05-1994	
DEC.	INCHES	CHK	ML 01-17-1994
.X	±.1	APPD	GK 01-17-1994
.XX	±.02	SCALE	1=1
.XXX	±.005	REF	
.XXXX	±.0005	FMF	
CHK	ANG ±7'30"	PREV	
BY & DATE		TITLE CONNECTION DIAGRAM	
EDK	7/8/2010	3φ, SINGLE - 2 SPEED REVERSIBLE	
LZ	01/24/1994	MATT.	
REVISION		FINISH	
NO. 10 ADDED IEC LEAD LABELS ( )		CAD FILE EE7317	
9 REDRAWN ON CADD, NO CHANGE		SIZE A	
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