

PRODUCT INFORMATION PACKET



Model No: 140841.00
Catalog No: 140841.00
OBSOLETE REPLACED BY 215TPFSA10097

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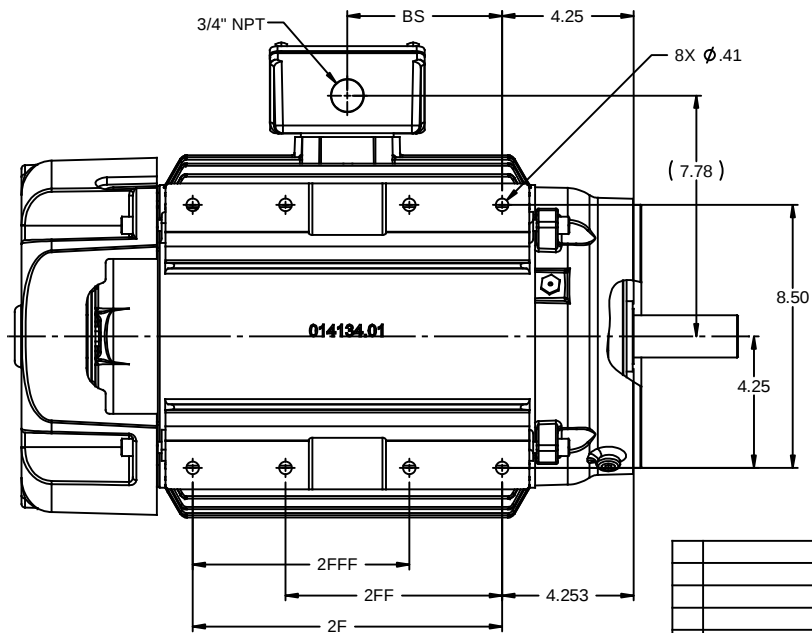
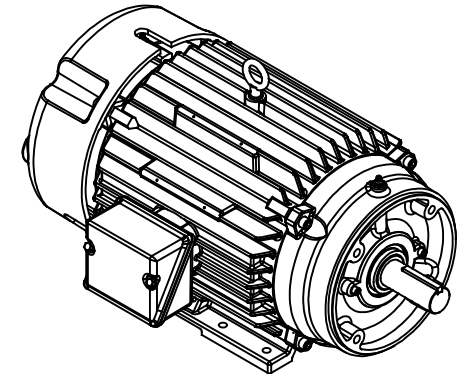
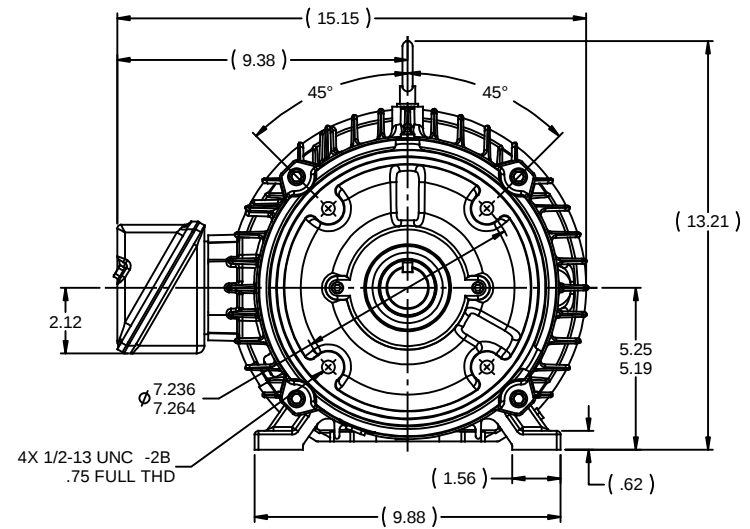
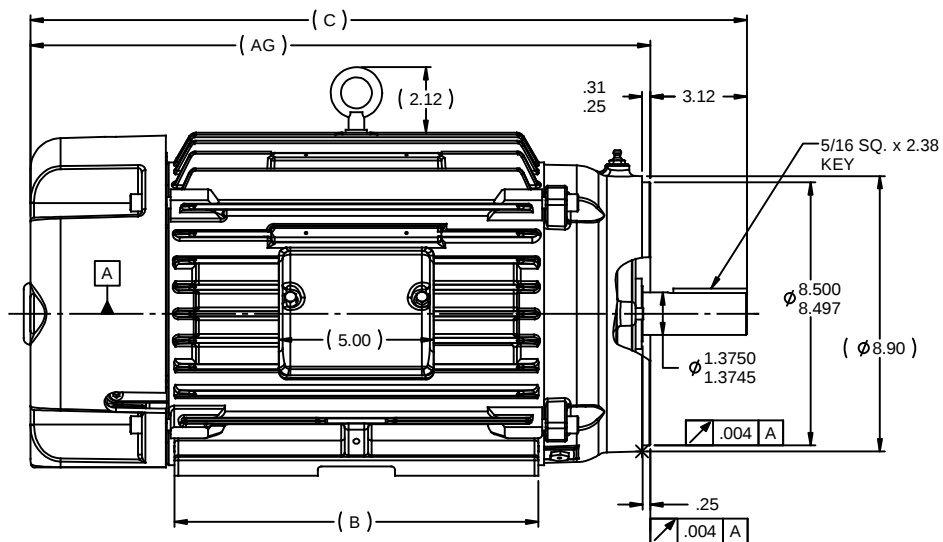
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	90 Hz	Voltage	460 V
Current	12.3 A	Speed	1800 rpm
Service Factor	1	Phase	3
Efficiency	93.6 %	Power Factor	85
Duty	Continuous	Insulation Class	H
Design Code	No Design Code	KVA Code	NA
Frame	215TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	N
CE	N	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	AC Permanent Magnet	Starting Method	Inverter Only
Poles	6	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 20:1		
Outline Drawing	B-SS89934LE-912	Connection Drawing	EE7300T-LE

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DASH	FRAME	B	2F	2FF	2FFF	BS	C	AG
912	213/5TC	8.63	7.00	5.50	5.50	3.50	20.16	17.04
1212	215TC	11.76	10.00	7.00	7.00	5.00	23.16	20.04

TOLERANCES UNLESS SPECIFIED		DEC INCHES		X ±1		XX ±.03		XXX ±.005		XXXX ±.0005		TITLE OUTLINE		213/15 - 215TC FR.		MAT'L		SCALE 1:4		REF B-SS89803LE		FMF DES.DEV. ET		PAGE OF		DRAWN MRB 09/22/2011		CHK WDS 09/22/2011		APPR JES 09/22/2011	
NO	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	RFP	09/22/2011	PREV	SIZE	DRAWING NO	REV	NETWORK FILE NAME	SS89934LE	SIZE	DRAWING NO	REV	SS89934LE	SS89934LE	SS89934LE	SS89934LE	SS89934LE	SS89934LE	SS89934LE	SS89934LE	SS89934LE	SS89934LE	SS89934LE	SS89934LE	SS89934LE	SS89934LE

NOTE:
 1- CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2- NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

THREE PHASE - SINGLE VOLTAGE MOTOR CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

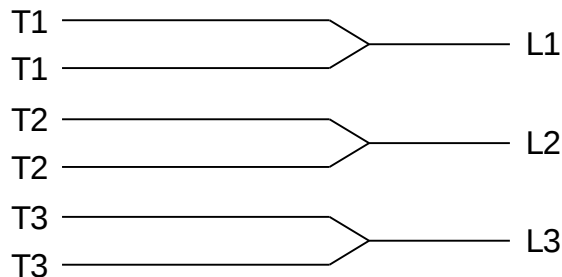
NOTE FOR FACTORY USE ONLY:

TO SURGE TEST:

FOR 3 LEAD COMMON CONNECT:
CONNECT P1 TO T1, THEN P2 TO L1

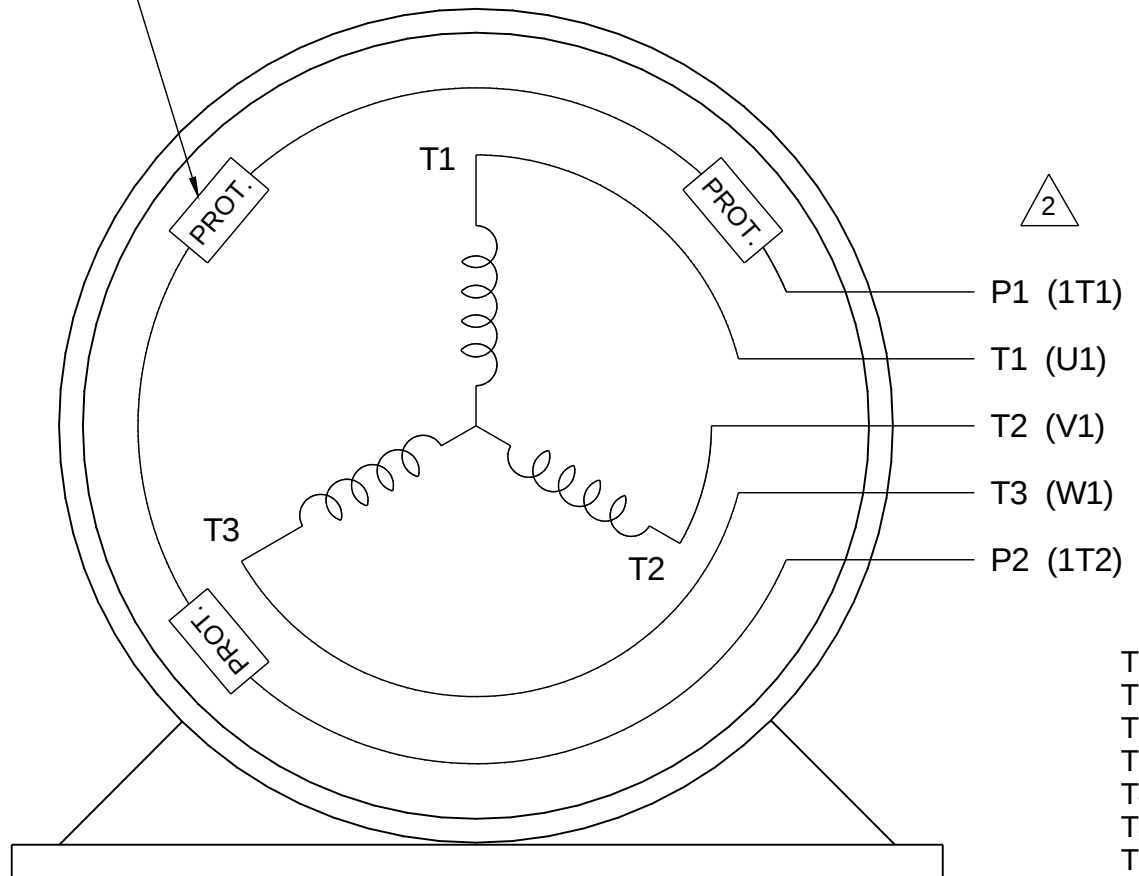
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

IF MOTOR HAS MULTIPLE T'S PER LEAD
CONNECT TOGETHER LIKE T'S



A-9806 DECAL

3 THERMO - PROTECTORS
CONNECTED IN SERIES



VIEW OF TERMINAL END

T2BM
T6AW
T6AL
T6Z
T4EG
T4BF
T8A
T6H
T6A
T4AX
T4A
T2A
T2F

DRAWING REVISION E	REVISION BY MSG	DATE 10-19-2016
ECO ECO-0111093	APPROVED BY TB	DATE 10-19-2016
ECO DESCRIPTION REDRAWN - REVISED TEXT		
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DRAWN BY NJS	DATE 05-15-2002	APPROVED BY ML	DATE 05-20-2002
REFERENCE	THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7300T-LE



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DESCRIPTION 3 PHASE - SINGLE VOLT - MOTOR WITH PROTECTORS		PROCESS/FINISH
MATERIAL	DRAWING NUMBER EE7300T-LE	SHEET 1 OF 1



CERTIFICATION DATA SHEET

**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CONN. DIAGRAM: EE7300T-LE

CATALOG #: 140841.00

OUTLINE: B-SS89934LE-912

MOUNTING: F1/F2 CAPABLE

WINDING #: PM21506017 FN 2

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
10	7.50	1800	1800	215TC	TEFC	NA	PM

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	90	460	12.3	INVERTER ONLY	CONTINUOUS	H4	1.0	40

FULL LOAD EFF:	93.6	3/4 LOAD EFF:	93.1	1/2 LOAD EFF:	91.1	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	85	3/4 LOAD PF:	84.6	1/2 LOAD PF:	84.5	92.4		AC PERMANENT MAGNET

F.L. TORQUE		LOCKED ROTOR AMPS		L.R. TORQUE		B.D. TORQUE		F.L. RISE°C
29.13	LB-FT	-		-	LB-FT - %	-	LB-FT - %	47

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	1.1 LB-FT^2	0 LB-FT^2	0 SEC.	0	1 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	PREMIUM SEVERE DUTY	NONE	FALSE	NONE	SILVER GRAY METALLIC

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON
6309	6208						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
TSTATS 140(N/C)	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE: CONSTANT 20:1
INV. HP SPEED RANGE: 1.2 X BASE SPEED

ENCODER: NONE
NONE NONE
NONE NONE PPR

BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz