

PRODUCT INFORMATION PACKET



Model No: 140840.00
Catalog No: 140840.00
OBSOLETE REPLACED BY 213TPFSA10096

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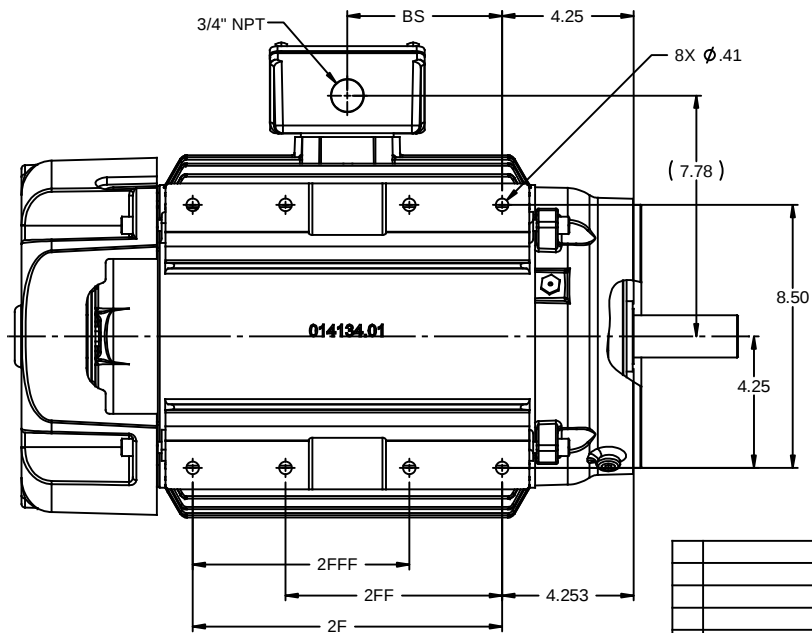
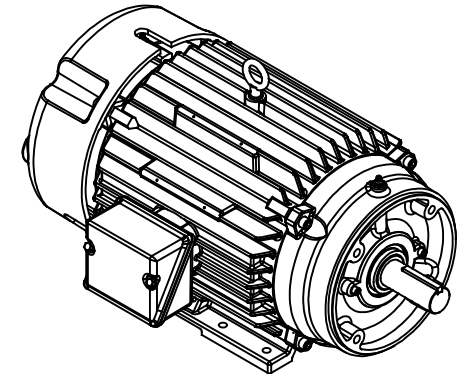
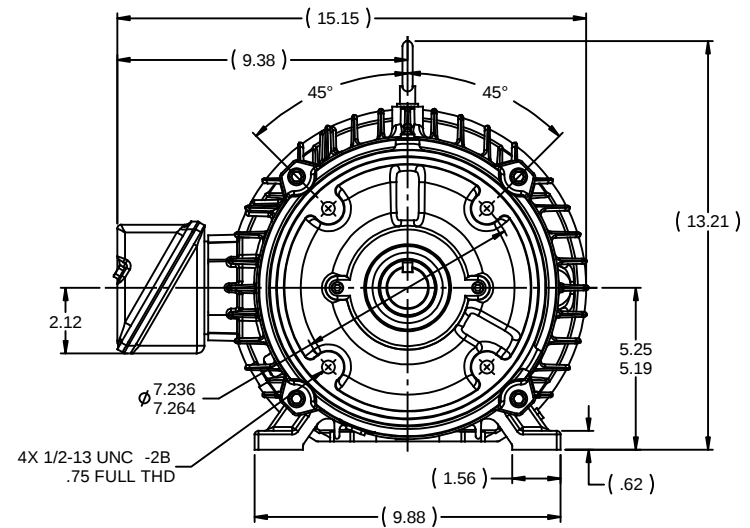
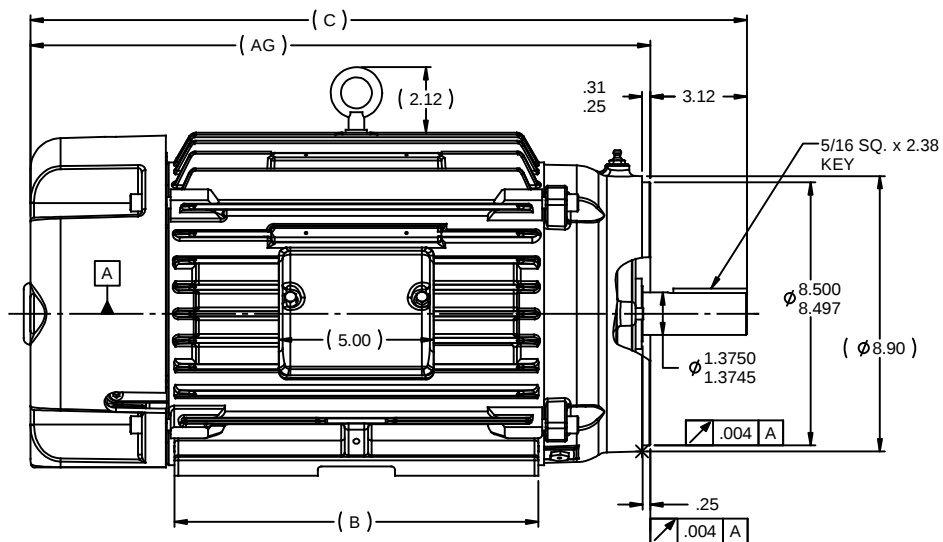
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	150 Hz	Voltage	460 V
Current	9.4 A	Speed	1800 rpm
Service Factor	1	Phase	3
Efficiency	93 %	Power Factor	80
Duty	Continuous	Insulation Class	H
Design Code	No Design Code	KVA Code	N/A
Frame	213TC	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	Y
CE	Y	IP Code	54
Number of Speeds	1		

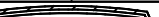
Technical Specifications

Electrical Type	AC Permanent Magnet	Starting Method	Inverter Only
Poles	10	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		 ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN MRB 09/22/2011					
			DEC INCHES				CHK WDS 09/22/2011					
			X ±.1				APPR JES 09/22/2011					
			XX ±.03				SCALE 1:4					
			XXX ±.005				REF B-SS89803LE					
			XXXX ±.0005		MATL		FMF DES.DEV. ET					
NO REVISION			BY & DATE		CHK ANG ±7°30"		FINISH		PAGE OF			
THIRD ANGLE PROJECTION 			RFP 09/22/2011		PREV		SIZE		DRAWING NO		REV	
			NETWORK FILE NAME		SS89934LE		B		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

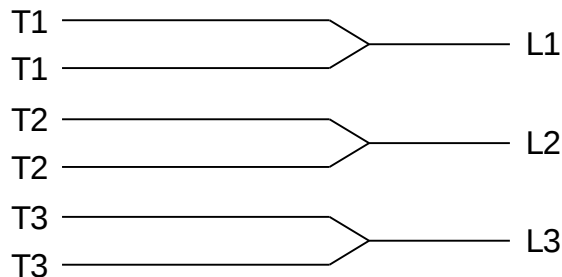
NOTE FOR FACTORY USE ONLY:

TO SURGE TEST:

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

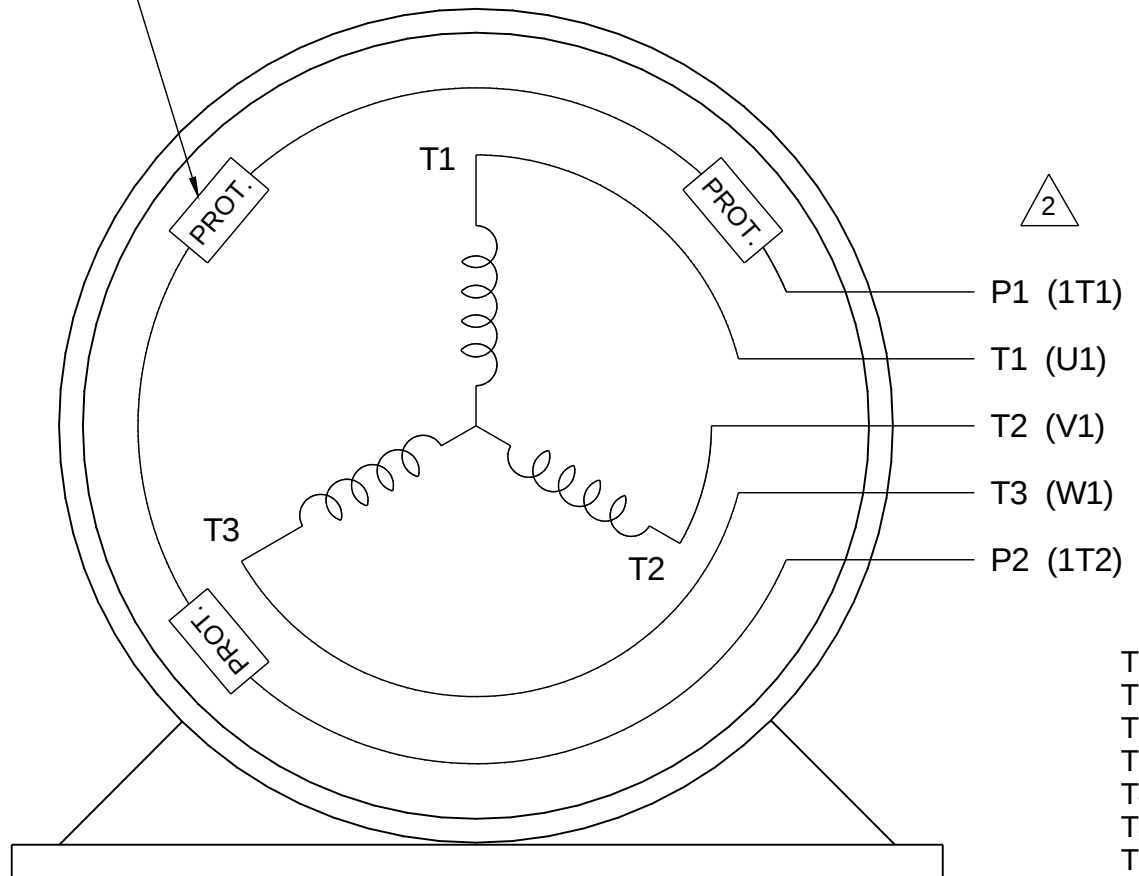
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

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



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DESCRIPTION CONNECTION DIAGRAM 3 PHASE - SINGLE VOLT - MOTOR WITH PROTECTORS		
MATERIAL	PROCESS/FINISH	
SIZE A	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 #: 140840.00

OUTLINE: B-SS89934LE-912

MOUNTING: F1 ONLY

WINDING #: PM21310001 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
7 1/2	5.60	1800	1800	213TC	TEFC	N/A	PM

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	150	460	9.4	INVERTER ONLY	CONTINUOUS	H1	1.0	40

FULL LOAD EFF:	93	3/4 LOAD EFF:	-	1/2 LOAD EFF:	-	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	80	3/4 LOAD PF:	-	1/2 LOAD PF:	-	93	AC PERMANENT MAGNET

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
21.9 LB-FT	-	- LB-FT - %	- LB-FT - %	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
58 dBA	68 dBA	0.54 LB-FT^2	0 LB-FT^2	0 SEC.	0	130 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: 1.25 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