

# PRODUCT INFORMATION PACKET



Model No: 825242.00

Catalog No: 825242.00

..15/10HP..1800/1500RPM.254T.EPFC.230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15SF.....

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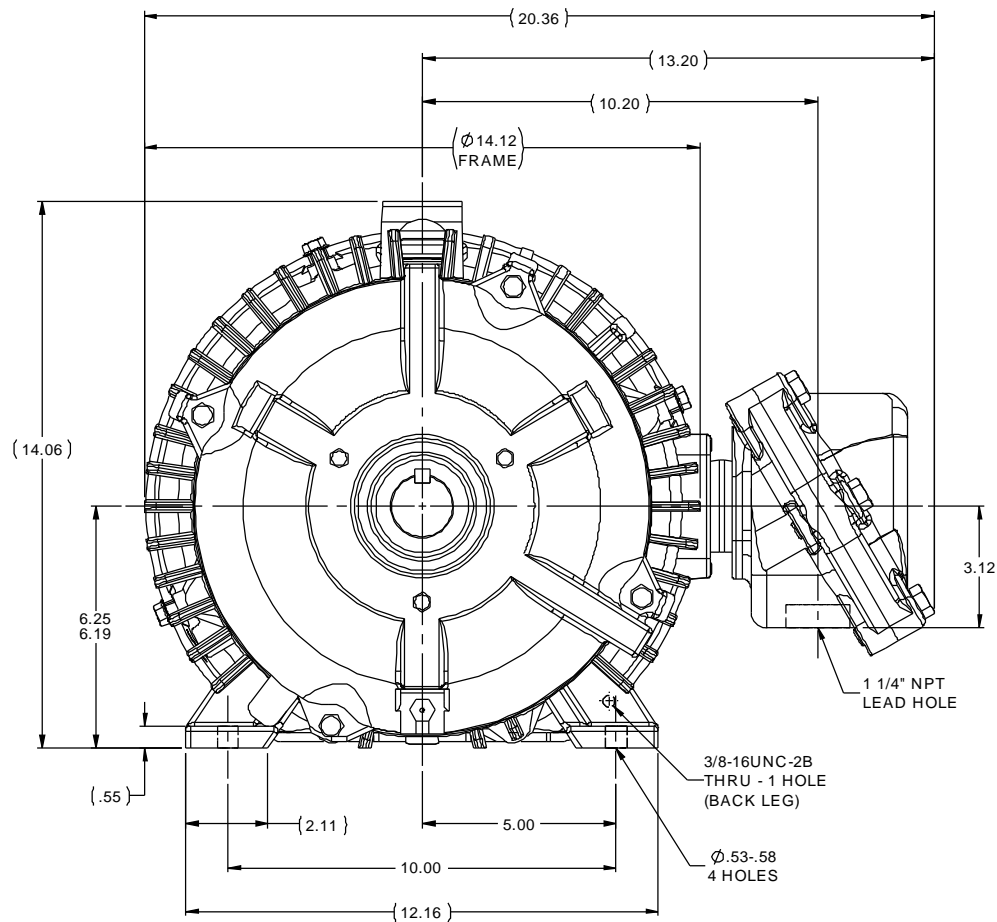
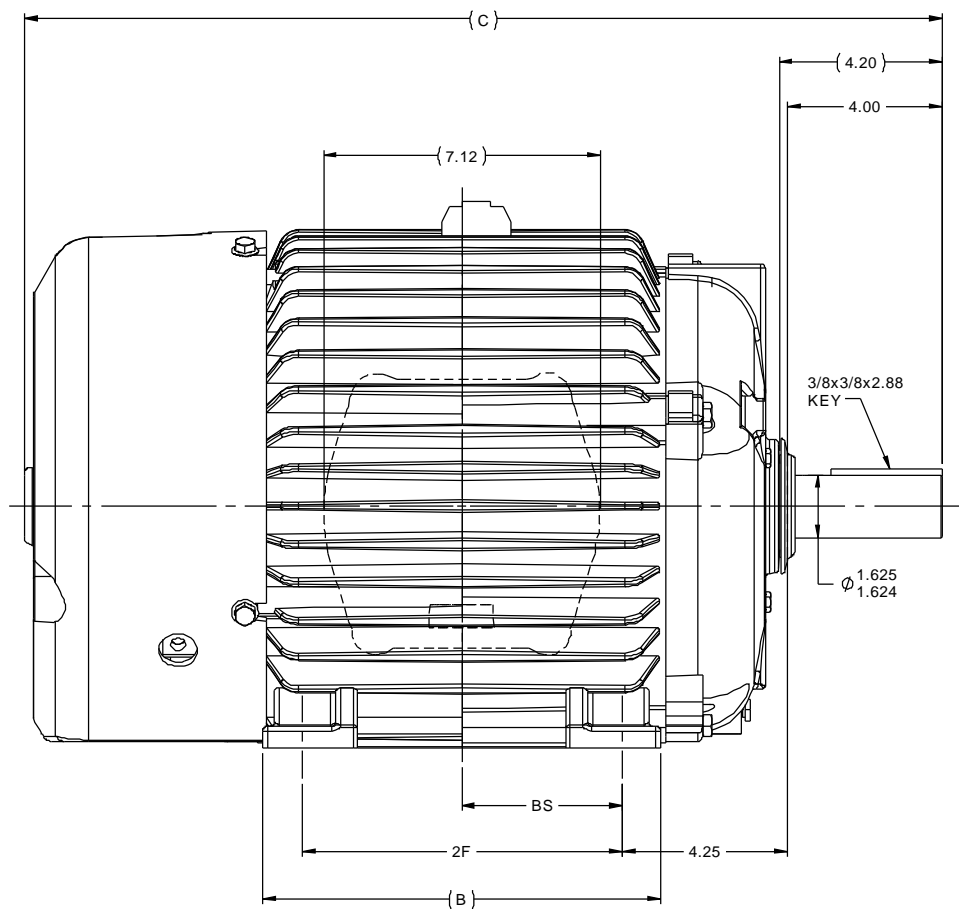


## Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 190/380 V
Speed	1775 & 1478 rpm	Service Factor	1.15 & 1.15
Frame	254T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	92.4 & 91.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	37.5/18.8 & 31/15.5 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
UL	No	CSA	N
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B

## Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.649 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	F2 ONLY
Inverter Load	CONSTANT 10:1		
Outline Drawing	B-SS203519LE-1050	Connection Drawing	A-EE7308T-LE



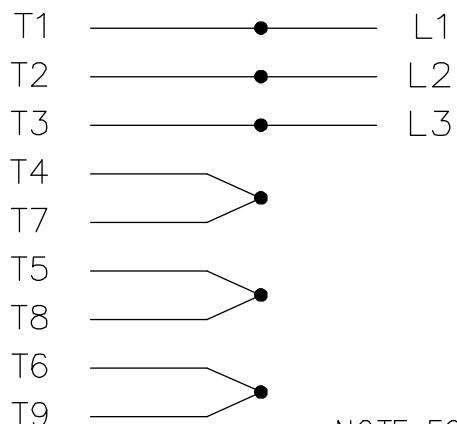
- NOTES:  
 1. CONDUIT BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.  
 2. NAMEPLATE READ FROM CONDUIT BOX SIDE OF MOTOR.

1050	254T	23.65	10.25	8.25	4.12
1225	256T	25.40	12.00	10.00	5.00
<b>DASH</b>	<b>FRAME</b>	<b>C</b>	<b>B</b>	<b>2F</b>	<b>BS</b>

		TOLERANCES UNLESS SPECIFIED						ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN MSG 04-29-2013	
		DEC INCHES								CHK DR 04-29-2013	
		X ±.1								APPR TB 04-29-2013	
		XX ±.03				TITLE OUTLINE - EXP. PR. - 11.00 LAM.				SCALE 5:16	
		XXX ±.005				250T FR. - BB - TS - STD.				REF SS203519	
		XXXX ±.0005				MAT'L				FMF MU113080	
		CHK ANG ±7°30"				FINISH				PAGE OF	
		RFP 04-29-2013				PREV				SIZE B	
		NETWORK FILE NAME SS203519LE								DRAWING NO SS203519LE	
										REV	

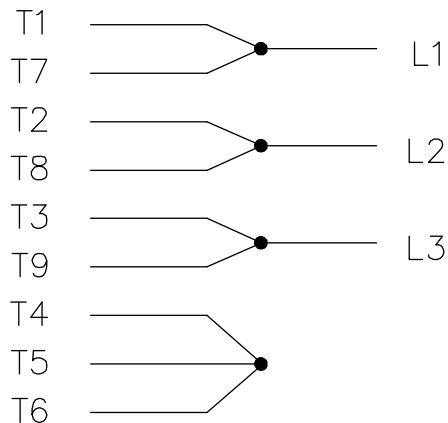


# HIGH VOLTAGE



NOTE FOR FACTORY USE ONLY:  
TO SURGE TEST FOR COMMON CONNECT:  
HIGH VOLT: CONNECT P1 TO T1  
THEN P2 TO L1  
LOW VOLT: CONNECT P1 TO T1 & T7,  
THEN P2 TO L1

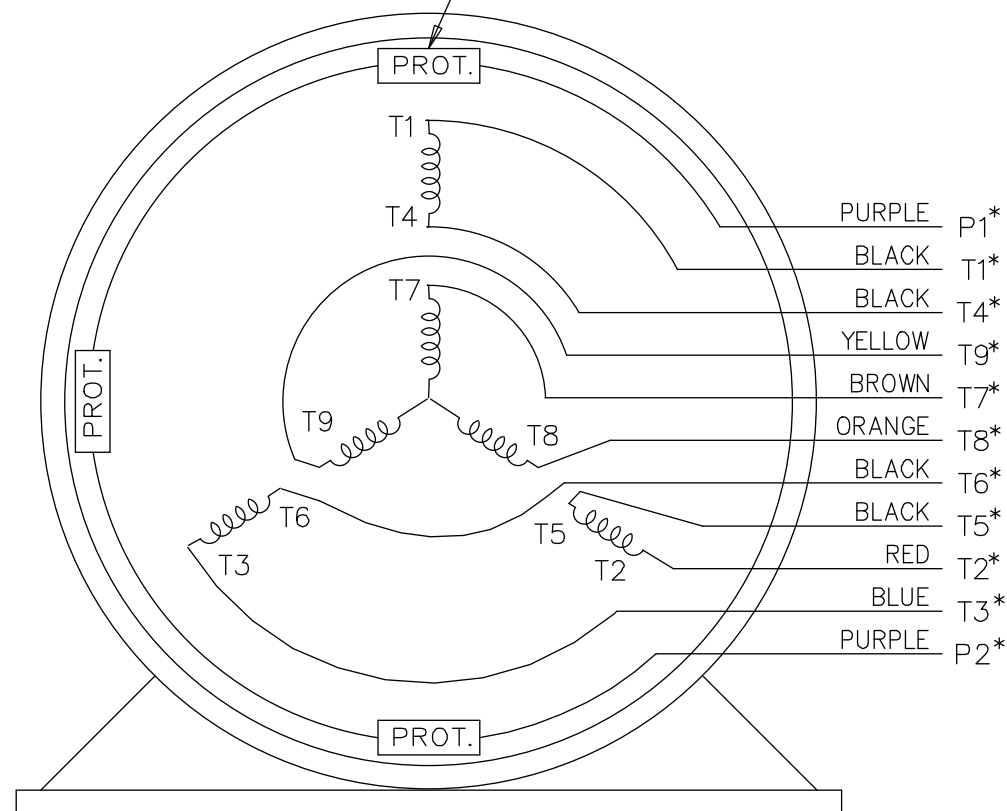
# LOW VOLTAGE



# THREE PHASE DUAL VOLTAGE MOTOR


EE7308T-LE

THREMO-PROTECTORS  
CONNECTED IN SERIES.



VIEW OF TERMINAL END

\* USE LEADS AS PER PLANT STANDARD IRRWSPECTIVE OF THEIR COLOUR.

			TOLERANCES UNLESS SPECIFIED			 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN TJB 05-07-2002		
05	ADDED * NOTE PER ECN # 26921	UD 01-30-2013	JD	DEC.	INCHES		CHK	ML	05-08-2002
04	ADDED COLORS TO "T & P" LEADS CN 40494	MSG 08-08-2006	ML	.X	±.1	TITLE CONNECTION DIAGRAM 3 PHASE - DUAL VOLTAGE MOTOR	APPD	TB	05-08-2002
03	RE-ISSUE	NJS 04-21-2004	JET	.XX	±.02		SCALE	1=1	
02	REDRAWN	TAT 04-20-2004	ML	.XXX	±.005		REF		
01	NEW DRAWING CN 34708	TJB 05-08-2002	ML	.XXXX	±.0005	MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	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 EE7308T_LE		SIZE A	DRAWING NO.	PAGE OF	REV.
			DIST	LB-WP-LE			EE7308T-LE		05