

PRODUCT INFORMATION PACKET



Model No: 254THTNA17047
Catalog No: 254THTNA17047
10,1500,TENV,254TC,3/50/415

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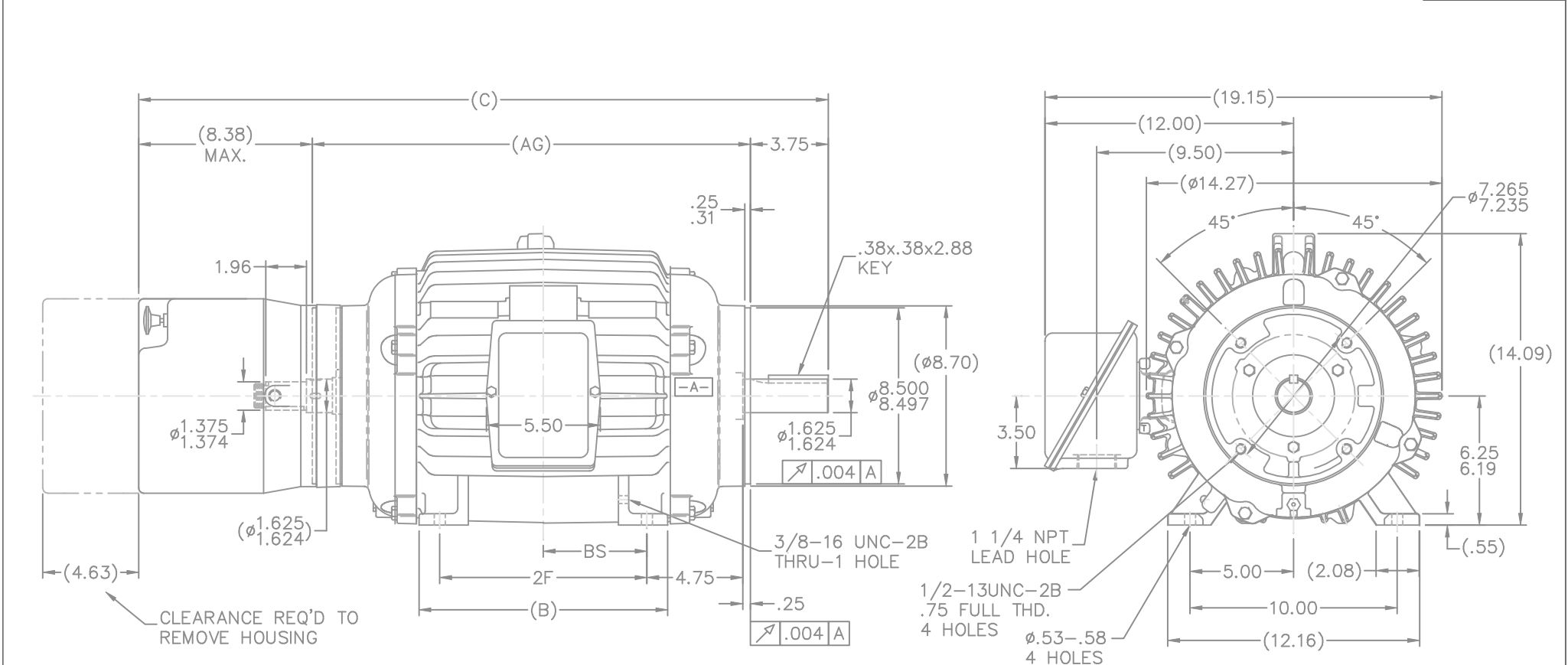
Nameplate Specifications

Phase	3	Output HP	10 Hp
Output KW	7.5 kW	Voltage	415 V
Speed	1465 rpm	Service Factor	1
Frame	254TC	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Efficiency	91 %
Ambient Temperature	40 °C	Frequency	50 Hz
Current	14.2 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	INV	KVA Code	L
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6309
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.625 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/F2 CAPABLE
Outline Drawing	B-SS203666-1050	Connection Drawing	A-EE7300T

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NOTES:

1. BOX CAN BE ROTATED ON ITS AXIS.
2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

1050	254T	31.53	19.40	10.25	8.25	4.12		
1225	256T	33.28	21.15	12.00	10.00	5.00		
DASH	FRAME	C	AG	B	2F	BS		

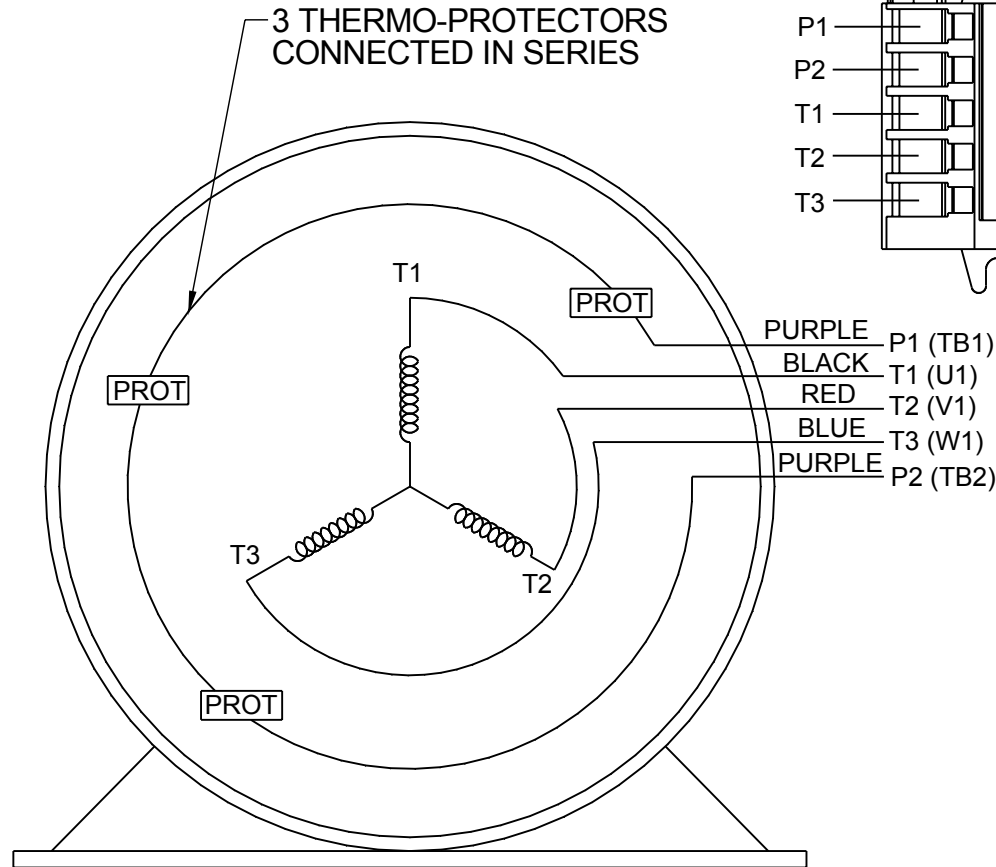
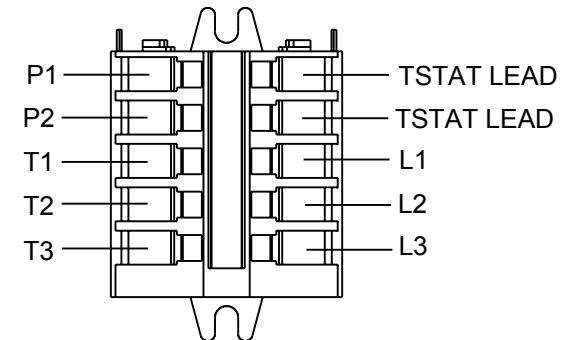
				TOLERANCES UNLESS SPECIFIED		DRAWN DAH 06-15-2001
				.X .INCHES		CHK ML 06-15-2001
4	REVISED, -154T WRONG -- NOW 254T	TAT 10-20-2005	ML .X ±.1			APPD BW 06-15-2001
3	REDRAWN IN AUTOCAD	TAT 06-24-2005	DRS .XX ±.03	TITLE OUTLINE--250T FR.--TENV-BB-TS--STD.		SCALE 7=32
2	UPDATED O.D.E. SHAFT EXTENSION	DRS 08-17-2001	.XXX ±.005	STEARNS BRAKE & PROV. FOR SL85 TACH.		REF
1	NEW DRAWING MU37310	DAH 06-15-2001	.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 DIST LB	CAD FILE ss203666	SIZE B DRAWING NO. SS203666 PAGE 4 OF 4 REV.

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

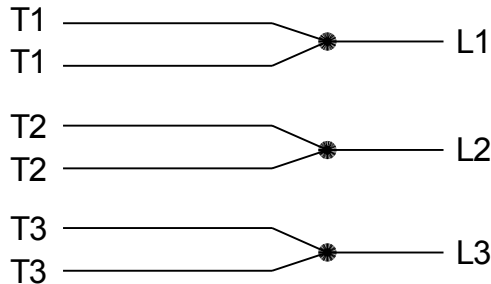
NOTE FOR FACTORY USE ONLY:
TO SURGE TEST:
FOR 3 LEAD COMMON CONNECT:
CONNECT P1 TO T1 THEN P2 TO L1
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

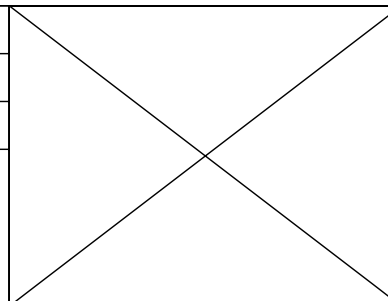
IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



A-9806 DECAL

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

DRAWING REVISION AB	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T.VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC-60034-8		
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DRAWN BY LZ	 Regal Beloit America, Inc.	
DATE 01-04-1994		
APPROVED BY GK	DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-SINGLE VOLT-MOTOR WITH PROTECTOR	
DATE 01-20-1994		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7300T
		SHEET 1 OF 1