

PRODUCT INFORMATION PACKET



Model No: 254THFNA18047
Catalog No: 254THFNA18047
15,1800,TEBC-AXIAL,254TC,3/60/575

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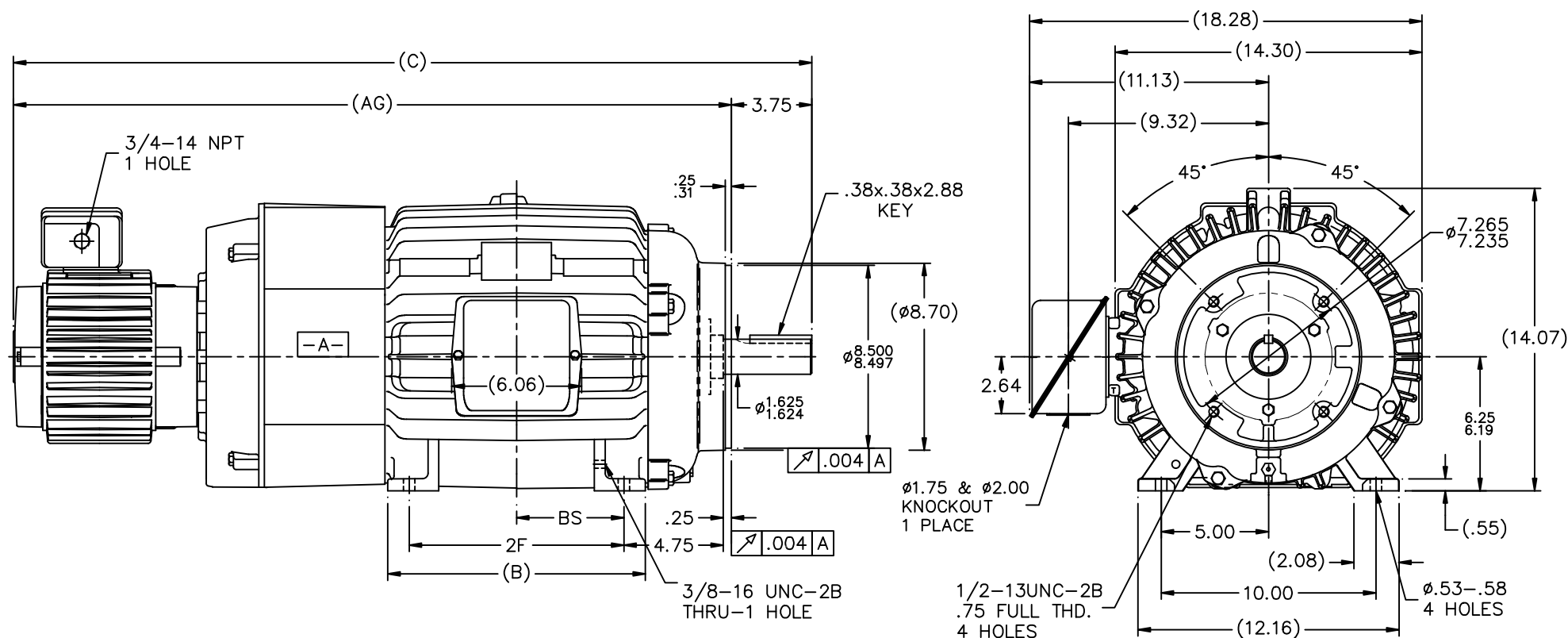
Nameplate Specifications

Phase	3	Output HP	15 Hp
Output KW	11.2 kW	Voltage	575 V
Speed	1765 rpm	Service Factor	1
Frame	254TC	Enclosure	Totally Enclosed Blower cooled - Axial
Thermal Protection	Thermostat	Efficiency	90.2 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	14.8 A	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	INV	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
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	.69 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-SS208130-1050	Connection Drawing	A-EE7300T

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NOTES:

1. CONDUIT BOX CAN BE ROTATED ON ITS AXIS.
2. CONDUIT 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

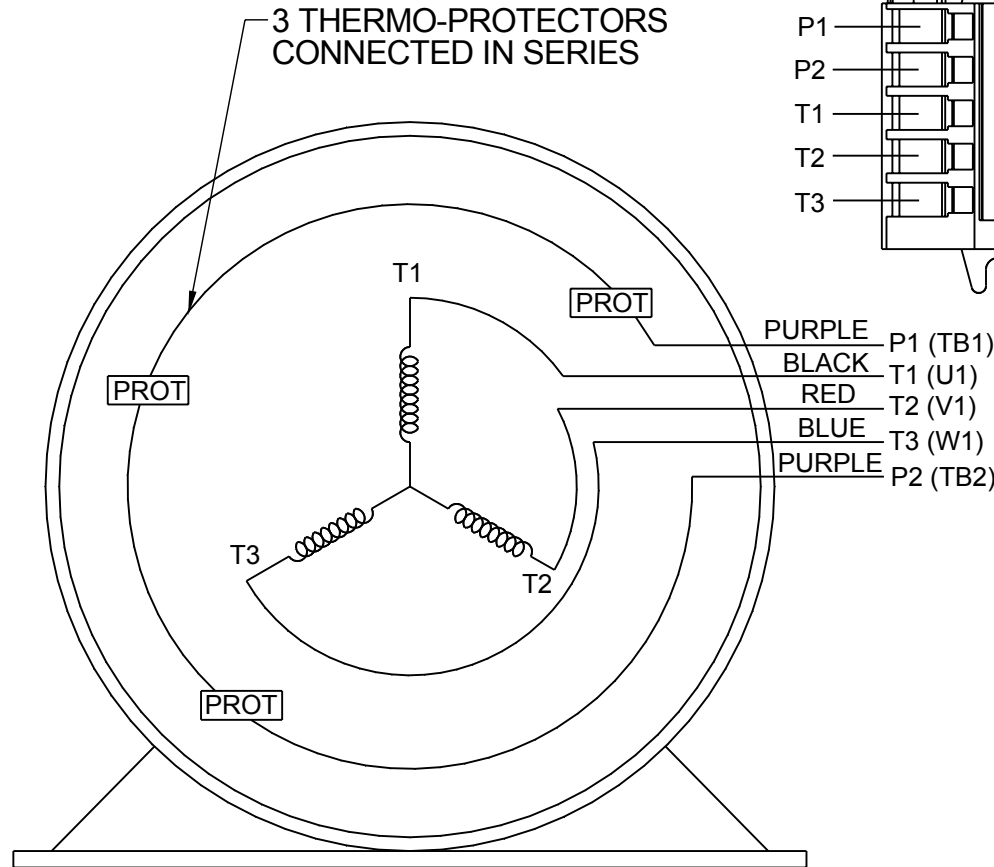
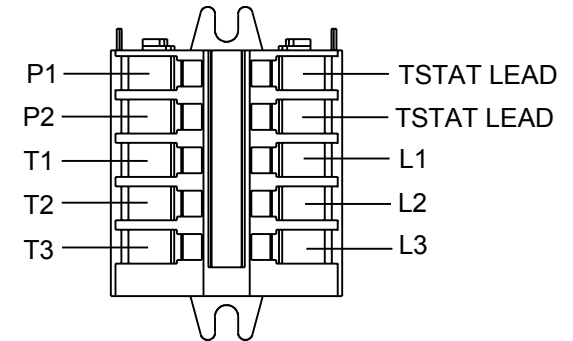
DASH	FRAME	B	C	AG	2F	BS	NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	FINISH	PREV
1050	254TC	10.25	35.43	31.68	8.25	4.12								
1225	256TC	12.00	37.18	33.43	10.00	5.00								
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							TOLERANCES UNLESS SPECIFIED DEC. INCHES .X ±.1 .XX ±.03 .XXX ±.005 .XXXX ±.0005							
							MARATHON ELECTRIC							
							TITLE OUTLINE - TEBC - TFNA 250TC FR. - 'C' FACE - STEEL C'BOX							
							SCALE 7=32							
							REF							
							FMP MU100664							
							CAD FILE SS208130							
							SIZE B DRAWING NO. SS208130							
							PAGE OF REV.							

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

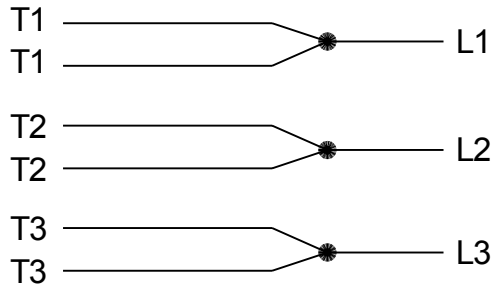
NOTE FOR FACTORY USE ONLY:
TO SURGE TEST:
FOR 3 LEAD COMMON CONNECT:
CONNECT P1 TO T1 THEN P2 TO L1
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

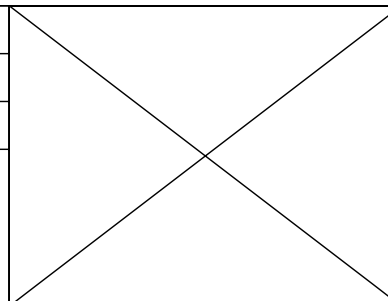
IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



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