

PRODUCT INFORMATION PACKET



Model No: 256THTNA18571
Catalog No: 256THTNA18571
16,1500,TENV,256T,3/50/460

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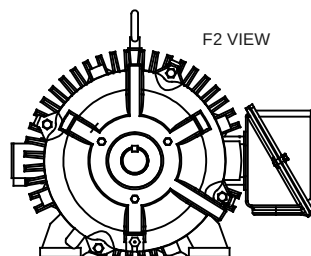
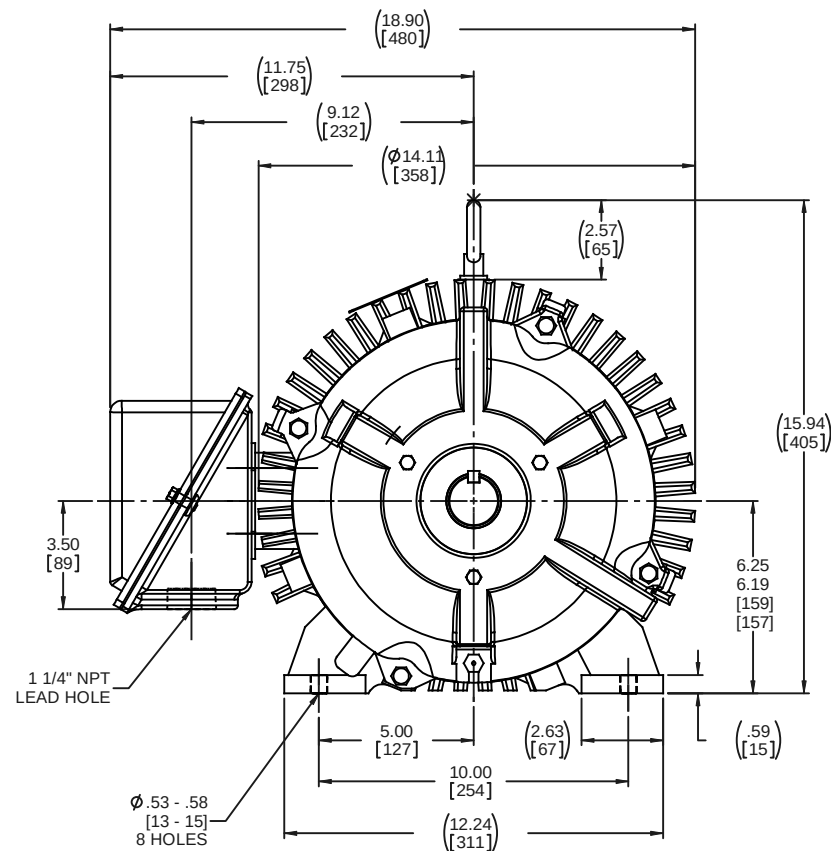
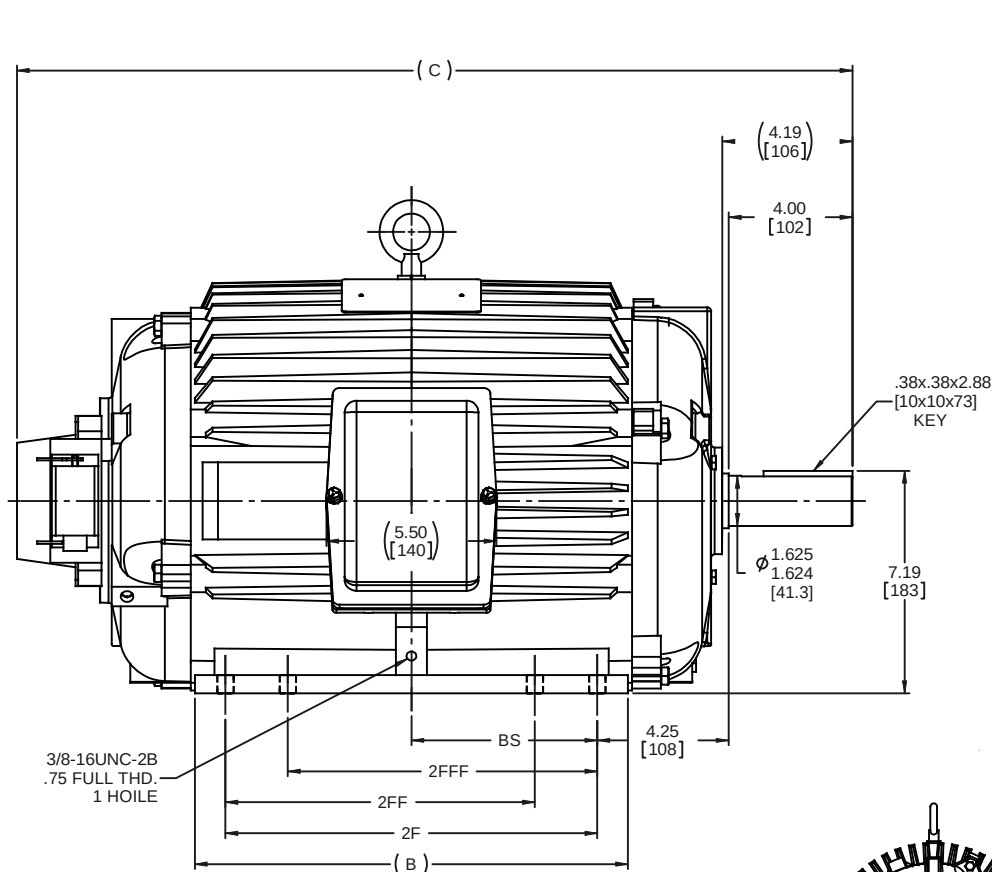
Nameplate Specifications

Phase	3	Output HP	16 Hp
Output KW	11.9 kW	Voltage	460 V
Speed	1470 rpm	Service Factor	1
Frame	256T	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Efficiency	93 %
Ambient Temperature	40 °C	Frequency	50 Hz
Current	21.1 A	Power Factor	78
Duty	Continuous	Insulation Class	H
Design Code	INV	KVA Code	M
Drive End Bearing Size	309	Opp Drive End Bearing Size	210
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.29 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-SS208159-1425	Connection Drawing	A-EE7300T

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- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 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.

DIMENSIONS ARE IN BOTH INCHES & [mm]

1425	256T	27.00 [686]	14.00 [356]	12.00 [305]	10.00 [254]	10.00 [254]	4.25 [108]
DASH	FRAME	C	B	2F	2FF	2FFF	BS

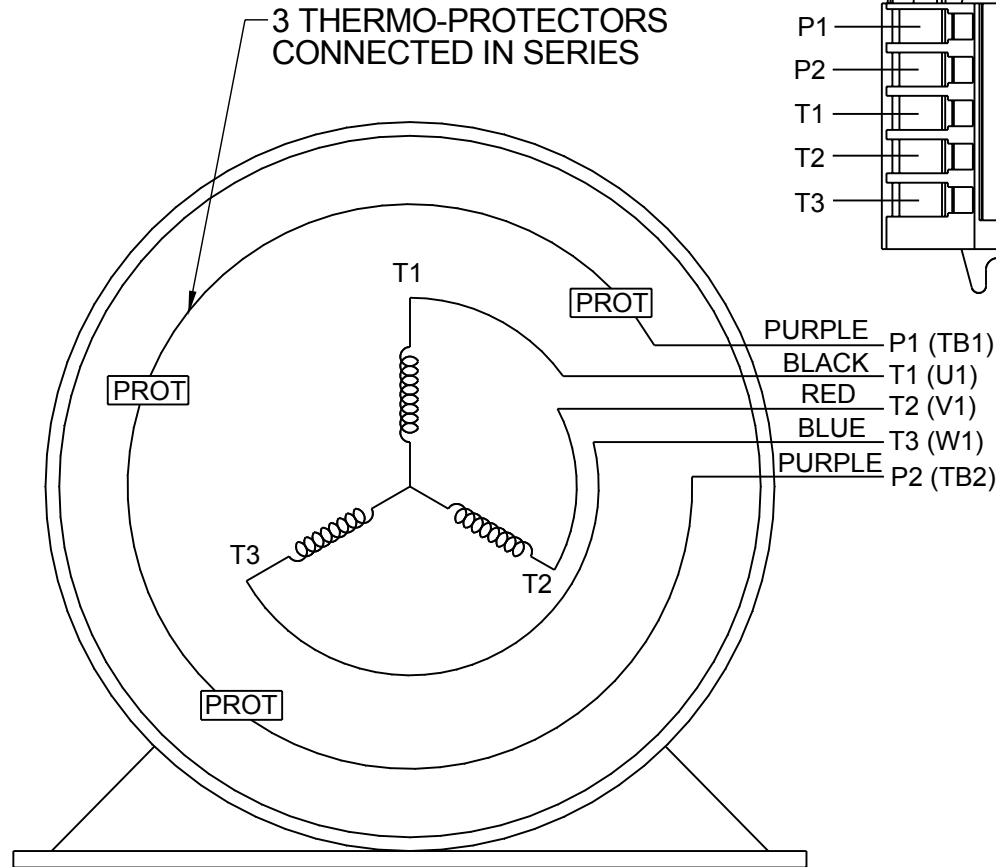
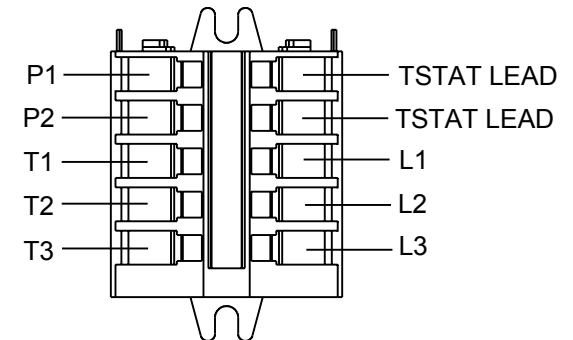
TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN MSG 04-16-2009	
DEC	INCHES			CHK	BW 04-16-2009
X	±.1			APPR	TB 04-16-2009
XX	±.03	TITLE OUTLINE - AUTRON M56 TACH		SCALE	1:4
XXX	±.005	250T FR. - TENV - CAST CBOX		REF	
XXXX	±.0005	MATL		FMF	MU90205
NO	REVISION	BY & DATE	CHK ANG ±7°30'	FINISH	PAGE OF
			RFP 04-16-2009	PREV	
			NETWORK FILE NAME SS208159	SIZE B	DRAWING NO SS208159
					REV

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

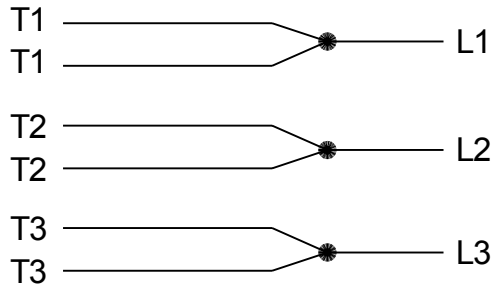
NOTE FOR FACTORY USE ONLY:
TO SURGE TEST:
FOR 3 LEAD COMMON CONNECT:
CONNECT P1 TO T1 THEN P2 TO L1
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

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	DATE 01-04-1994
APPROVED BY GK	DATE 01-20-1994
REFERENCE	THIRD ANGLE PROJECTION

 Regal Beloit America, Inc.		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-SINGLE VOLT-MOTOR WITH PROTECTOR		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300T	SHEET 1 OF 1