

PRODUCT INFORMATION PACKET



Model No: 254THTPA8064
Catalog No: 254THTPA8064
5,1800,TENV,254TZ,3/60/460

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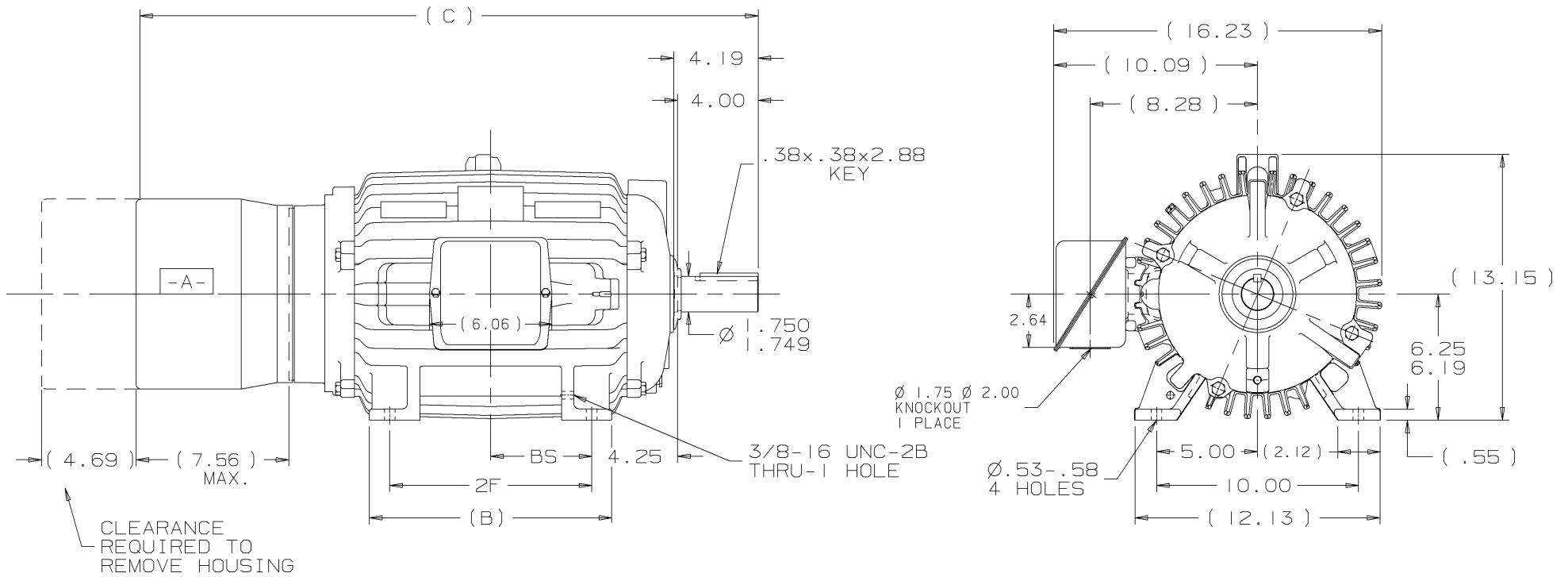
Nameplate Specifications

Phase	3	Output HP	5 Hp
Output KW	3.7 kW	Voltage	460 V
Speed	1765 rpm	Service Factor	1
Frame	254TZ	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Efficiency	89.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	6.5 A	Power Factor	80
Duty	60 Minute	Insulation Class	H
Design Code	A	KVA Code	K
Drive End Bearing Size	309	Opp Drive End Bearing Size	309
UL	No	CSA	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	2.04 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS203695-1175	Connection Drawing	A-EE7300T

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NOTES:

1. C.BOX CAN BE ROTATED IN 90° STEPS
2. C.BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

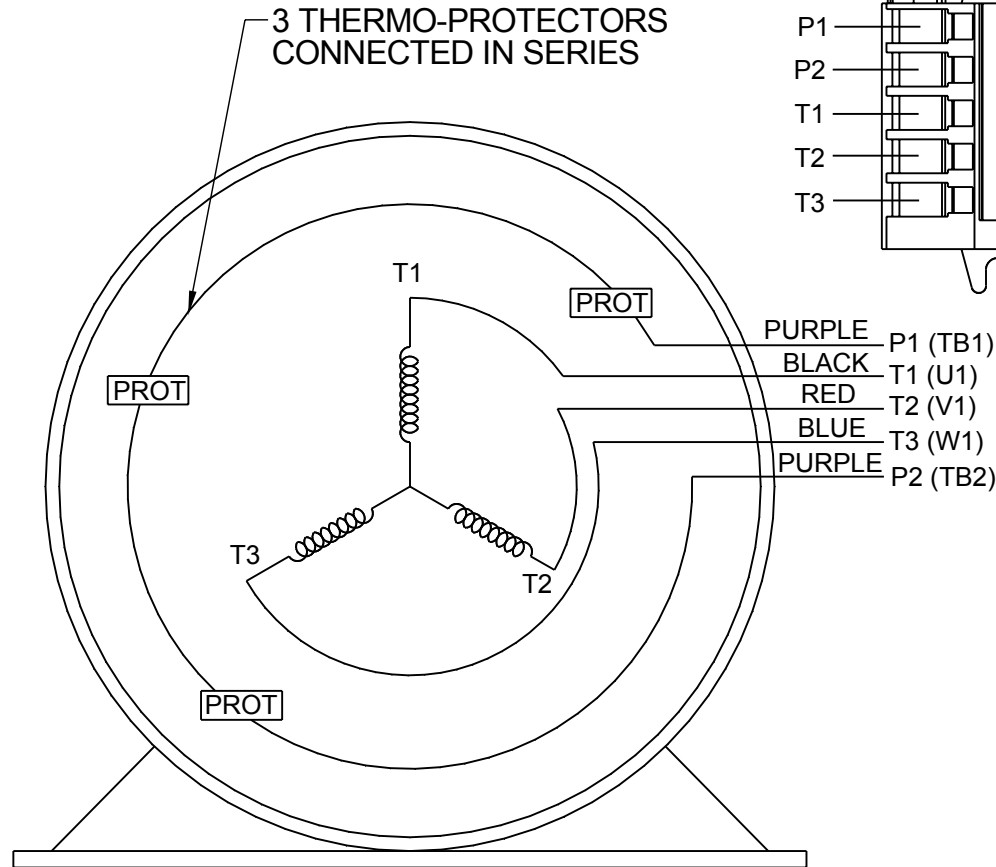
						✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.03 XXX±.005 XXXX±.0005 ANGLES± 7'30"	
						MATL SPEC		DRAWN BY CAV 09-27-2001	
						FINISH		CHKD BY ML 09-27-2001	
						PART NAME OUTLINE		APPD BY BW 09-27-2001	
						250TZ FR. - BB - TS - STEARNS BRAKE		B-SS203695	
DASH	FRAME	B	C	2F	BS	REV	DATE	CHANGE	NAME
1175	254TZ	10.25	29.06	8.25	4.12	I	09-27-2001	NEW DRAWING	CAV
1350	256TZ	12.00	30.81	10.00	5.00				
						SHOP BOOK		PURCHASED	
						DISTRIBUTION - WA - LB - WP - LM - BR		CADD FILE NO. SS203695	

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