

PRODUCT INFORMATION PACKET



Model No: 254THTPA8071
Catalog No: 254THTPA8071
15,1800,TENV,254TC,3/60/230/460

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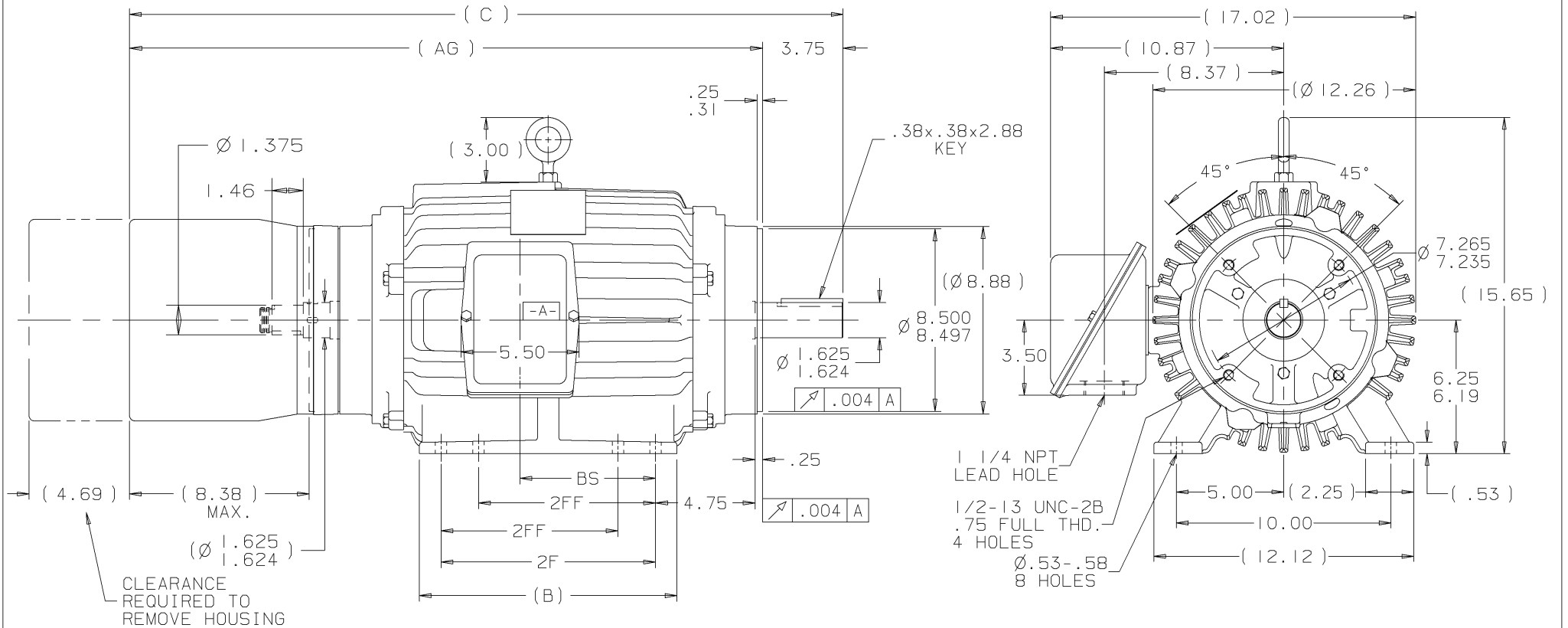
Nameplate Specifications

Phase	3	Output HP	15 Hp
Output KW	11.2 kW	Voltage	230/460 V
Speed	1760 rpm	Service Factor	1
Frame	254TC	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Efficiency	91 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	39.0/19.5 A	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	K
Drive End Bearing Size	309	Opp Drive End Bearing Size	309
UL	No	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	.515 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-SS203665-1350	Connection Drawing	A-EE7308T

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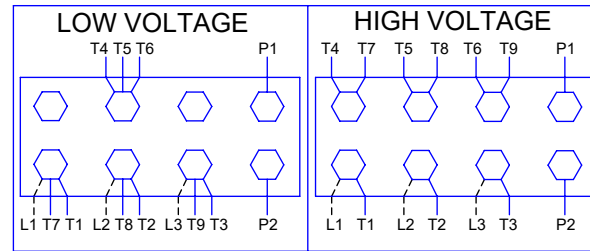
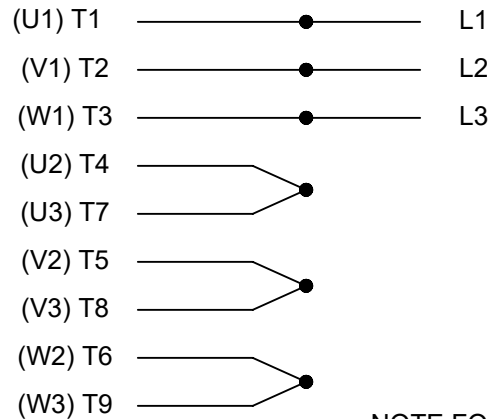


NOTES:

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

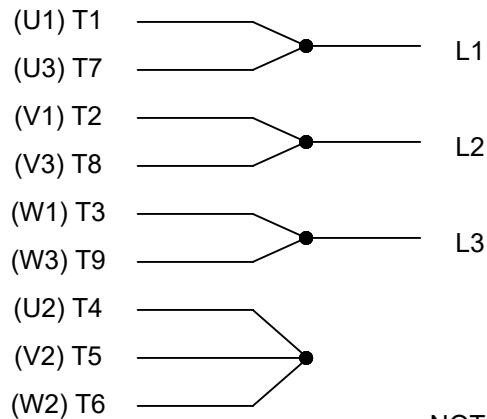
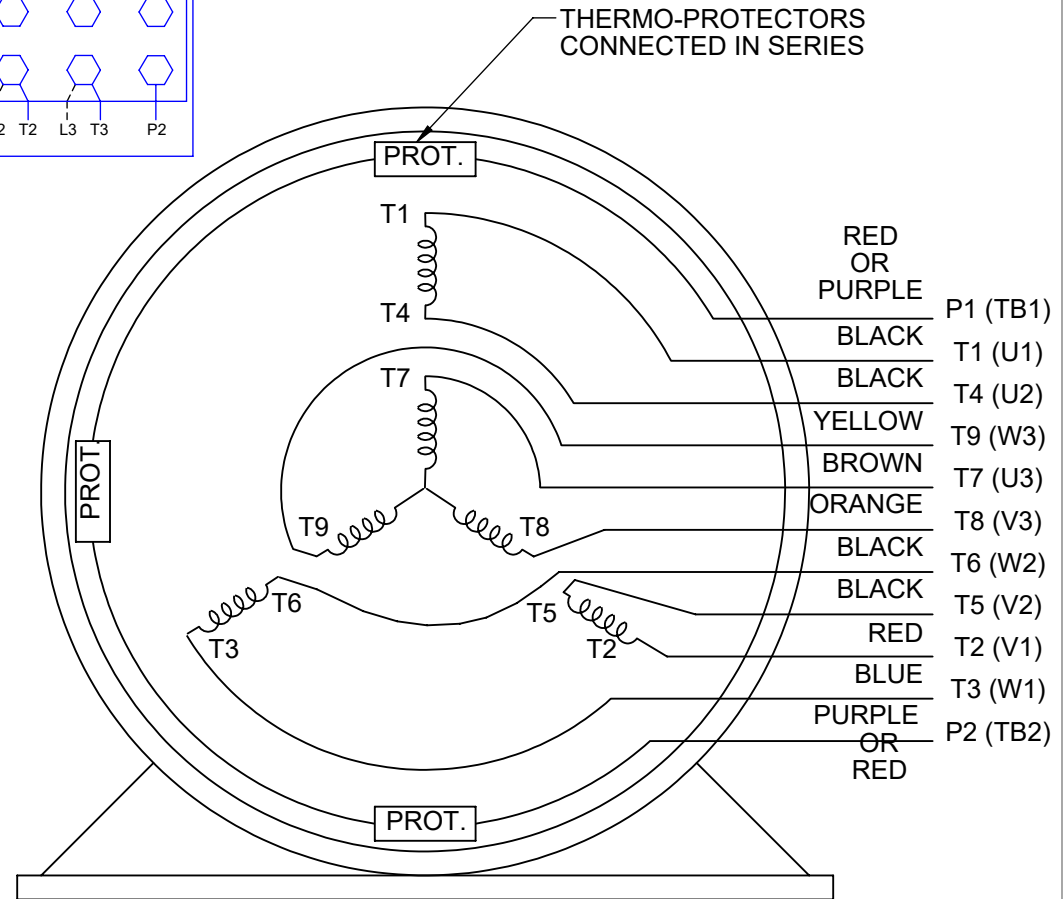
												✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± .03 XXX± .005 XXXX± .0005 ANGLES± 7°30"					
DASH	FRAME	B	C	2F	2FF	AG	BS	2	08-17-2001	UPDATED ODE SHAFT EXTENSION			DRS	MATL SPEC	CAST C'BOX	DRAWN BY DAH	06-14-2001	
								1	06-15-2001	NEW DRAWING MU37309			DAH	FINISH	 WAUSAU, WISCONSIN 54401	CHKD BY ML	06-15-2001	
																APPRO BY BW	06-15-2001	
								REV	DATE	CHANGE			NAME	PART NAME OUTLINE - 250TC FR. - TENV STEARNS 87,000 BRAKE & PROV. FOR SL85 TACH			DRWG NO B- SS203665	
								L	SHOP BOOK			PURCHASED		DISTRIBUTION - WA - LB - WP - LM - BR			CADD FILE NO.	SS203665

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

VIEW OF TERMINAL END

NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

DRAWING REVISION T	REVISION BY ZR	DATE 01-14-2019
ECO ECO-0159915	APPROVED BY DR	DATE 01-15-2019

ADDED TERMINAL CONNECTION DIAGRAM

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DRAWN BY
SMC
 DATE
05-13-1992
 APPROVED BY
TB
 DATE
05-13-1992
 REFERENCE
EE7308/EE7300

THIRD ANGLE
PROJECTION



Regal Beloit America, Inc.

DESCRIPTION

CONN DIAGRAM-INTERNAL

3 PHASE - DUAL VOLTAGE MOTOR

MATERIAL

PROCESS/FINISH

SIZE
A

DRAWING NUMBER

EE7308T

SHEET
1 OF 1