

PRODUCT INFORMATION PACKET



Model No: 825471.00

Catalog No: 825471.00

825471.00..15/10HP..3550/2955.254TC.EPFC.230/460-190/380V.3PH.60/50HZ.CONT.40C.1.15SF.RIGID C.....
AUX CONDULET-ANTI HEATER115V/6.....CAST IRON.

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Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 190/380 V
Speed	3550 & 2955 rpm	Service Factor	1.15 & 1.15
Frame	254TC	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	91.7 & 92 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	35/17.5 & 29/14.5 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	N
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.603 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 ONLY
Inverter Load	CONSTANT 10:1		
Outline Drawing	B-SS208495-1050	Connection Drawing	A-EE7308AU

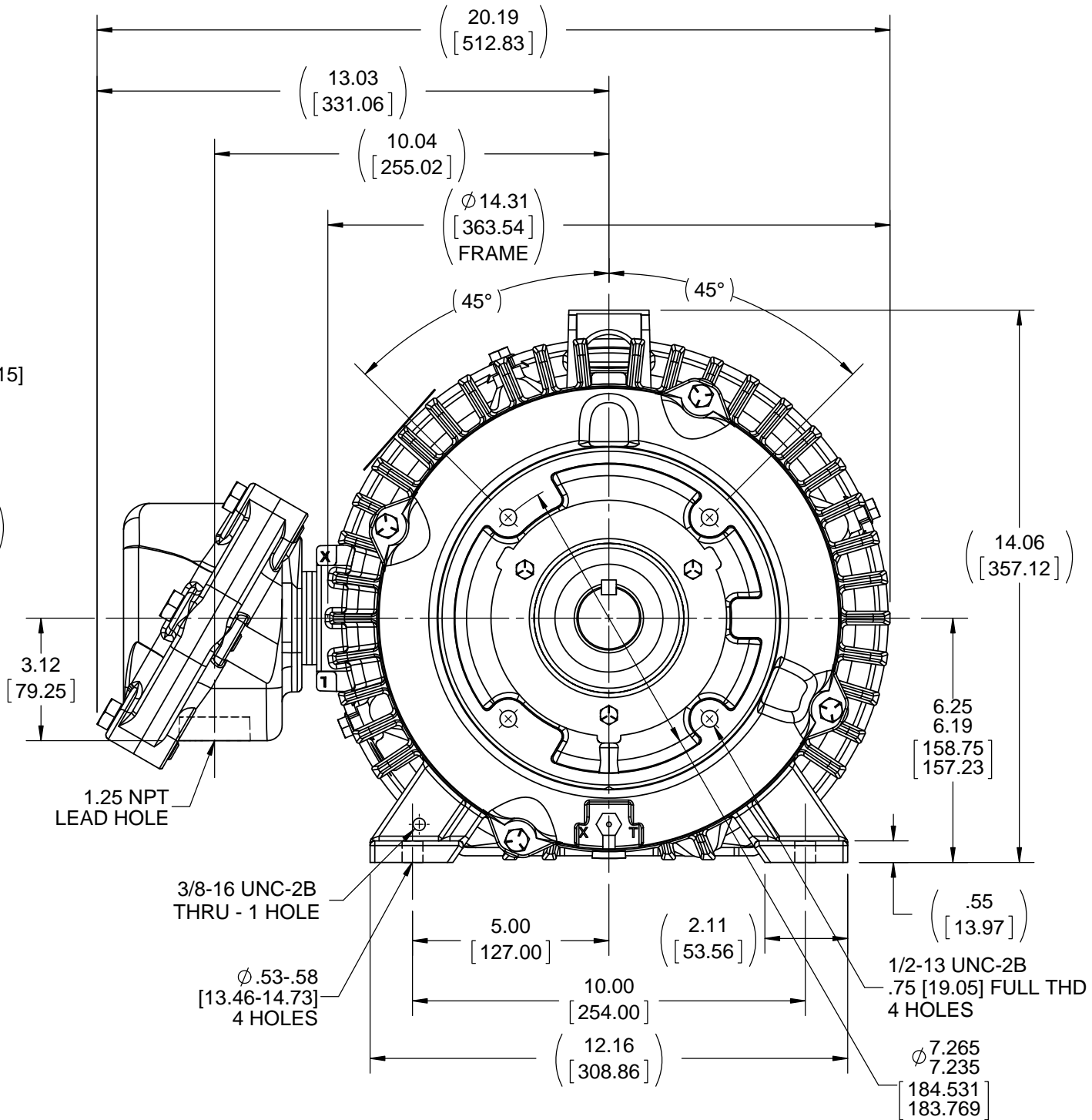
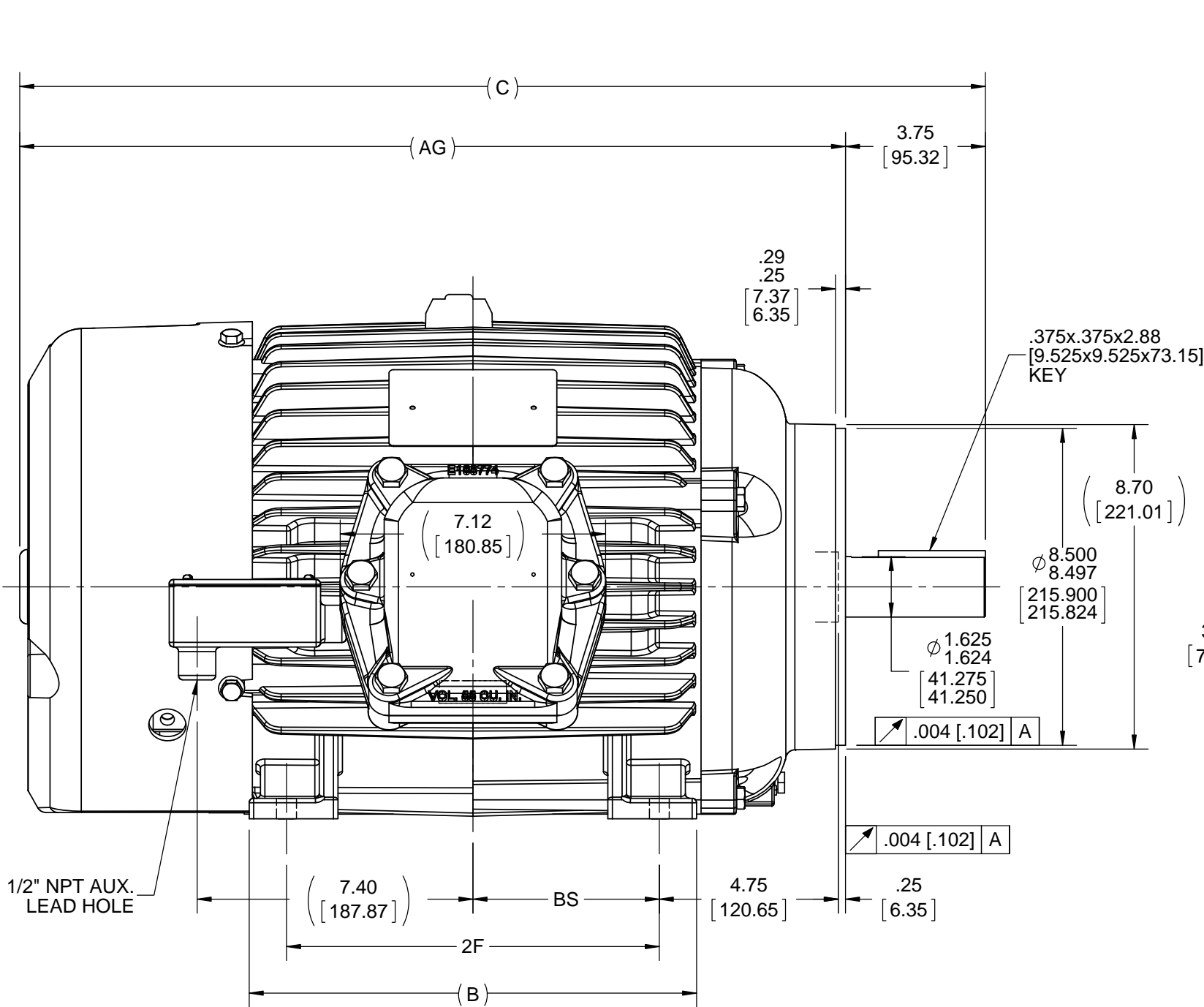
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B

A

B

A





- NOTES:
1. CONDUIT BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATE READ FROM CONDUIT BOX SIDE OF MOTOR.

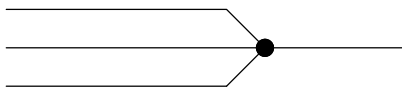
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1225	256TC	25.90 [657.88]	22.15 [562.56]	12.00 [304.80]	10.00 [254.00]	5.00 [127.00]
DASH	FRAME	C	AG	B	2F	BS

DRAWING REVISION A	REVISION BY	DATE
ECO ECO-0113440	APPROVED BY	DATE
ECO DESCRIPTION		
NEW DRAWING		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7° 30"
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [0.076/.381] X 45°			
CORNER FILLETS: R.02 [.51]			
MACHINED SURFACES: 200 INCH 5.1 mm			
mm SHOWN IN [BRACKETS]			

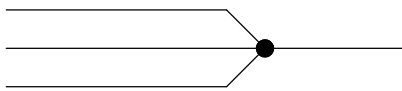
DRAWN BY MSG	 Regal Beloit America, Inc.		
DATE 09-21-2016			
APPROVED BY DR	DESCRIPTION		
DATE 09-21-2016	250TC FR. - EPFC - C' FACE - AUX. C' BOX		
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS208495	SHEET 1 OF 1

T1
T6
T7



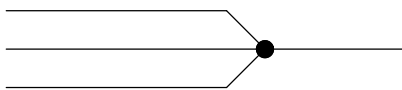
L1

T2
T4
T8



L2

T3
T5
T9



L3

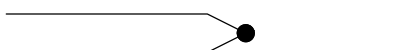
LOW VOLTAGE

T1



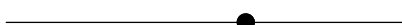
L1

T4
T7



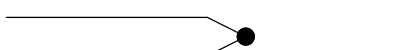
L2

T2



L2

T5
T8



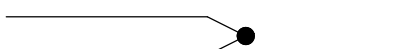
L3

T3



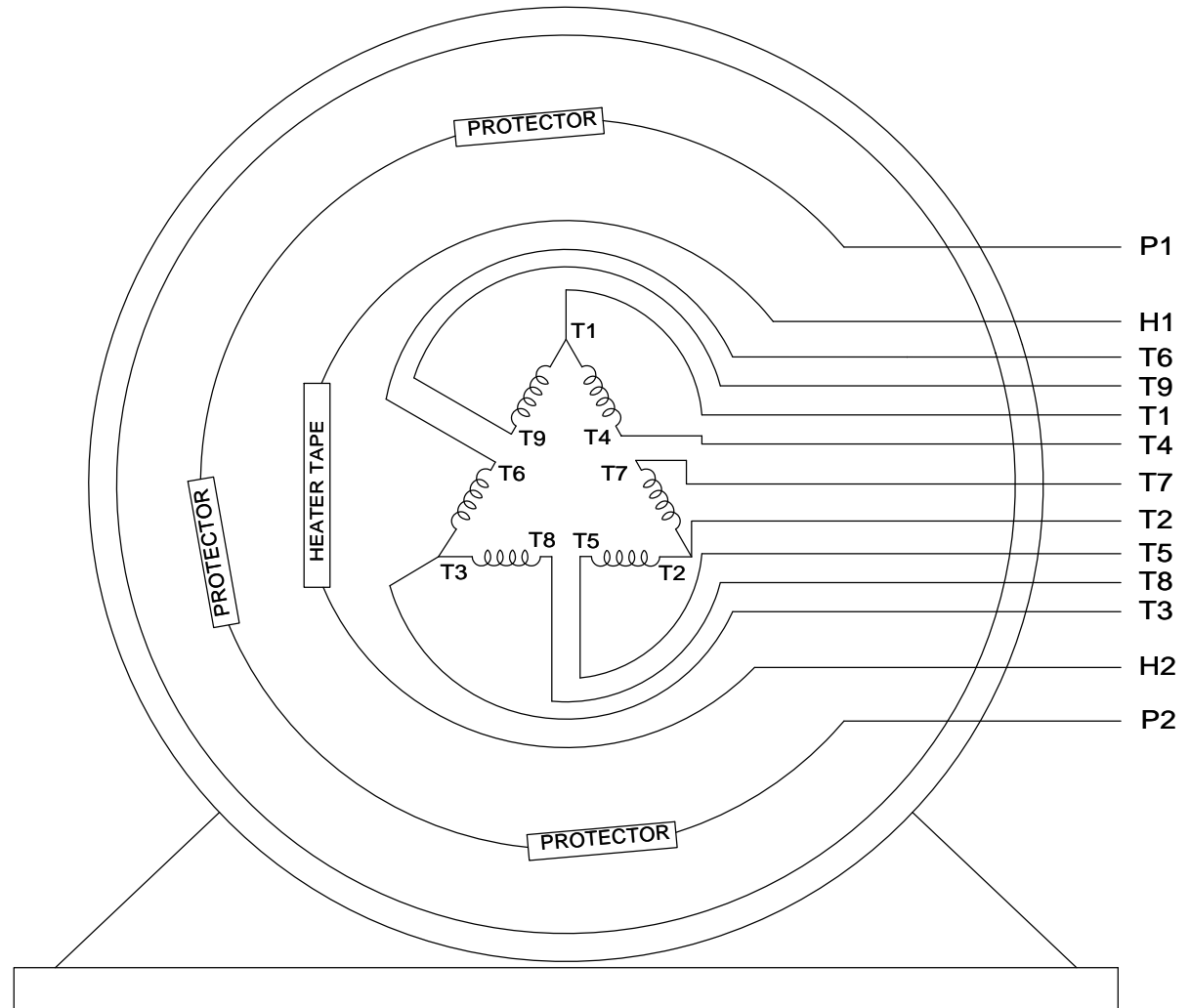
L3

T6
T9



L3

HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION H	REVISION BY J. OTTO	DATE 09-22-2016
ECO ECO-0113440	APPROVED BY D. RESECH	DATE 09-22-2016
ECO DESCRIPTION UPDATED TITLE BLOCK		

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7' 30"
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 200 INCH 5.1/mm
mm SHOWN IN [BRACKETS]

DRAWN BY PGK	DATE 01-24-1997
APPROVED BY GK	DATE 01-27-1997
REFERENCE	THIRD ANGLE PROJECTION

REGAL™ Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-EXTERNAL
DUAL VOLTAGE - HEATERS & T-STATS

MATERIAL	PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7308AU
SHEET 1 OF 1	