

PRODUCT INFORMATION PACKET



Model No: 254TTEN11031
Catalog No: 254TTEN11031
10,1800,EPNV,254T,3/60/575

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Nameplate Specifications

Phase	3	Output HP	10 Hp
Output KW	7.5 kW	Voltage	575 V
Speed	1775 rpm	Service Factor	1.15
Frame	254T	Enclosure	Explosion Proof Non Ventilated
Thermal Protection	No Protection	Efficiency	93 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	10.0 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	309	Opp Drive End Bearing Size	309
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR D T2A

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.82 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-SS203662-1050	Connection Drawing	A-EE7300

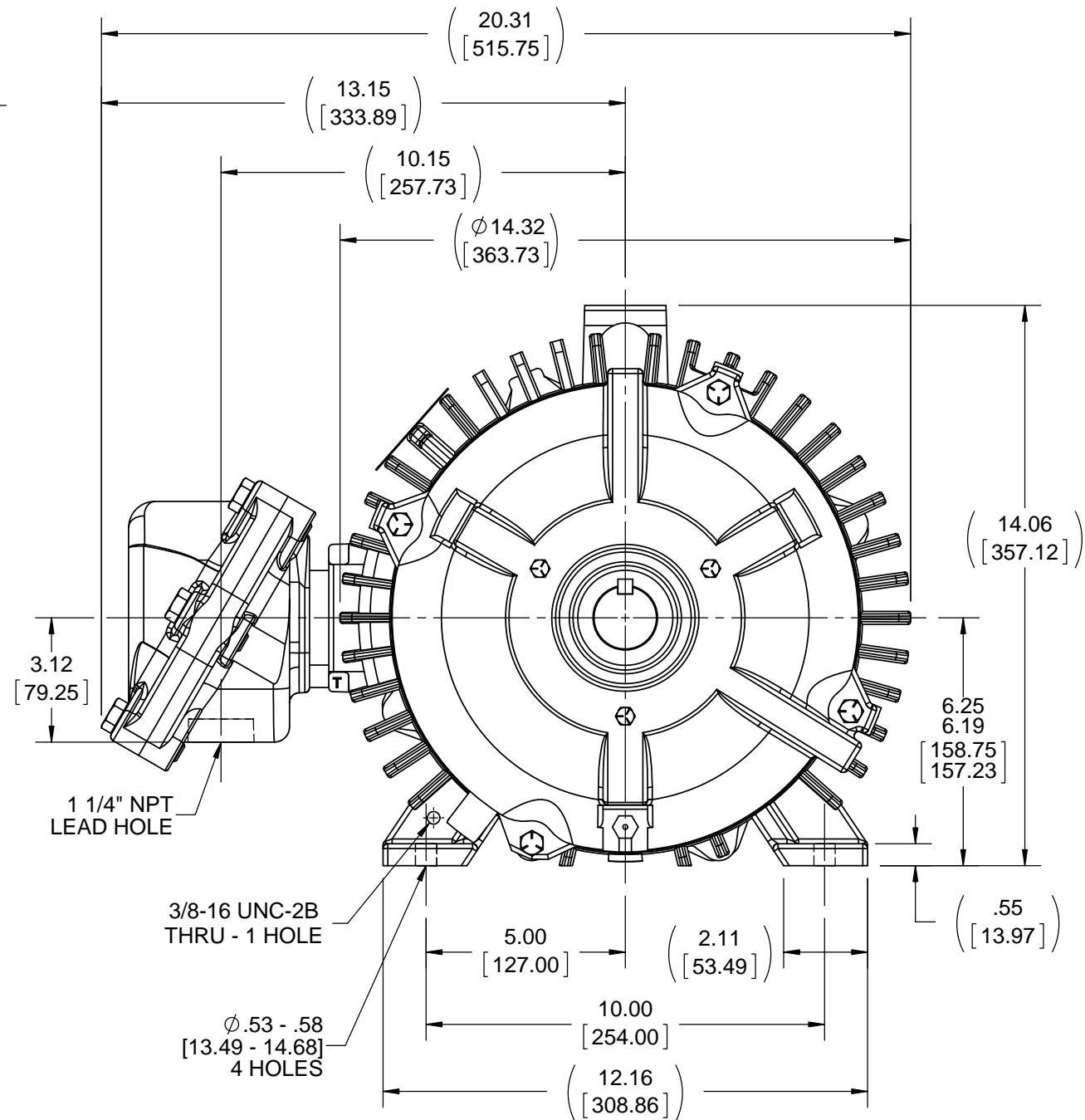
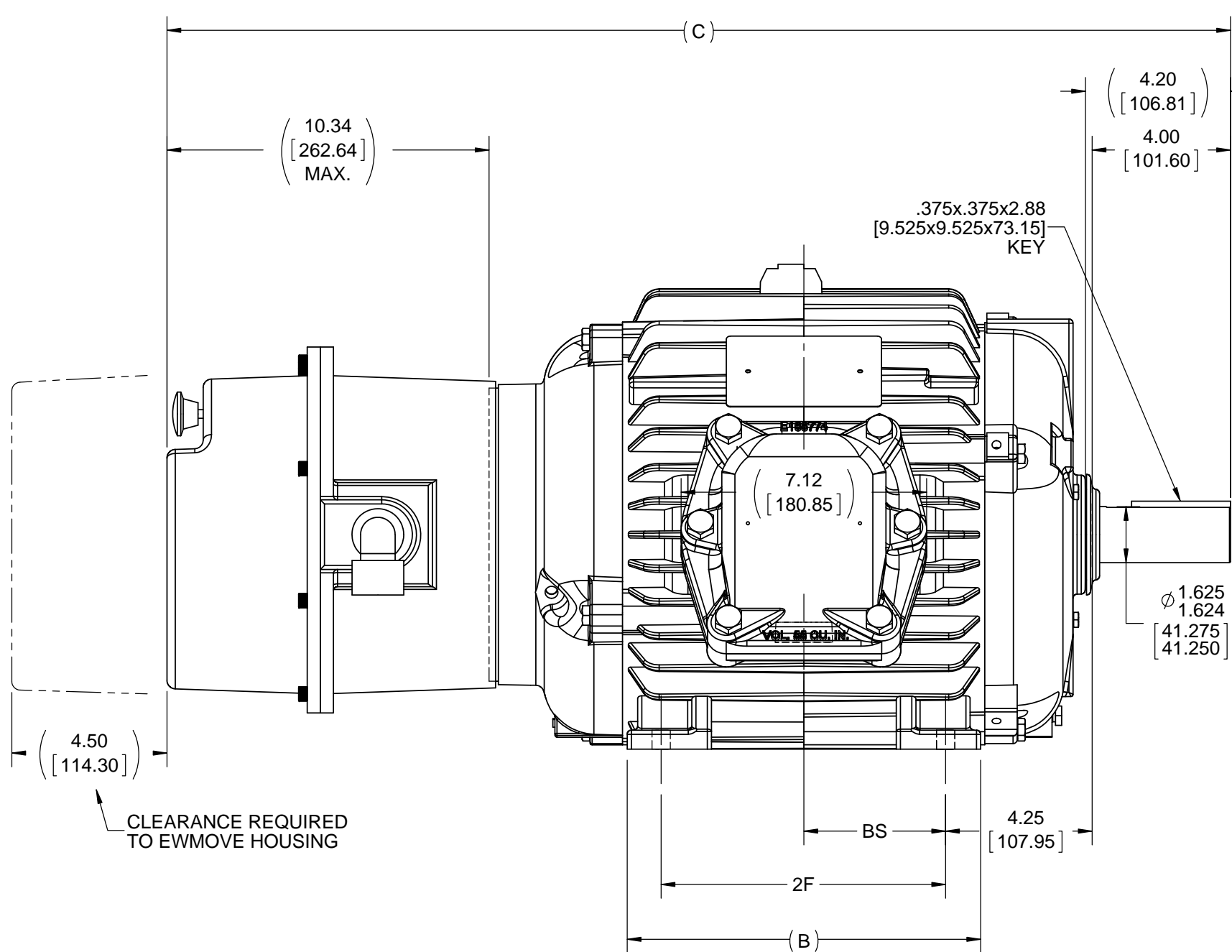
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B

A

B

A



- NOTES:
- CONDUIT BOX CAN BE ROTATED ON ITS AXIS.
 - NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

1050	254T	31.84 [808.74]	10.25 [260.35]	8.25 [209.55]	4.12 [104.77]
1225	254/256T	33.59 [853.19]	12.00 [304.80]	10.00 [254.00]	5.00 [127.00]
DASH	FRAME	C	B	2F	BS

DRAWING REVISION	REVISION BY	DATE
E	M GERTSCHEN	11-29-2016
ECO	APPROVED BY	DATE
ECO-0113549	T VUE	11-29-2016
ECO DESCRIPTION		
REDRAWN - UPDATED TO CURRENT STANDARDS		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	± 0.1	[± 2.5]	$\pm 7^{\circ} 30''$
.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: $\frac{200}{\text{INCH}}$ $\frac{5.1}{\text{mm}}$ mm SHOWN IN [BRACKETS]			

DRAWN BY		DATE		DRAWN BY	
DAH		06-01-2001		DAH	
APPROVED BY		ML		DATE	
06-04-2001		06-04-2001		REFERENCE	
THIRD ANGLE PROJECTION		MATERIAL		PROCESS/FINISH	
SIZE B		DRAWING NUMBER		SHEET	
SS203662		1 OF 1		1	

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

IF MOTOR HAS 9 LEADS

T1(U1) T1(U1) T1(U1) → L1

T2(V1) T2(V1) T2(V1) → L2

T3(W1) T3(W1) T3(W1) → L3

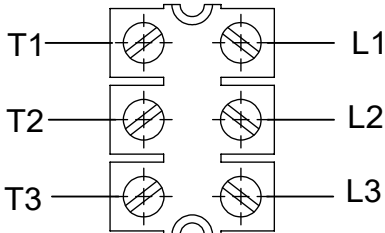
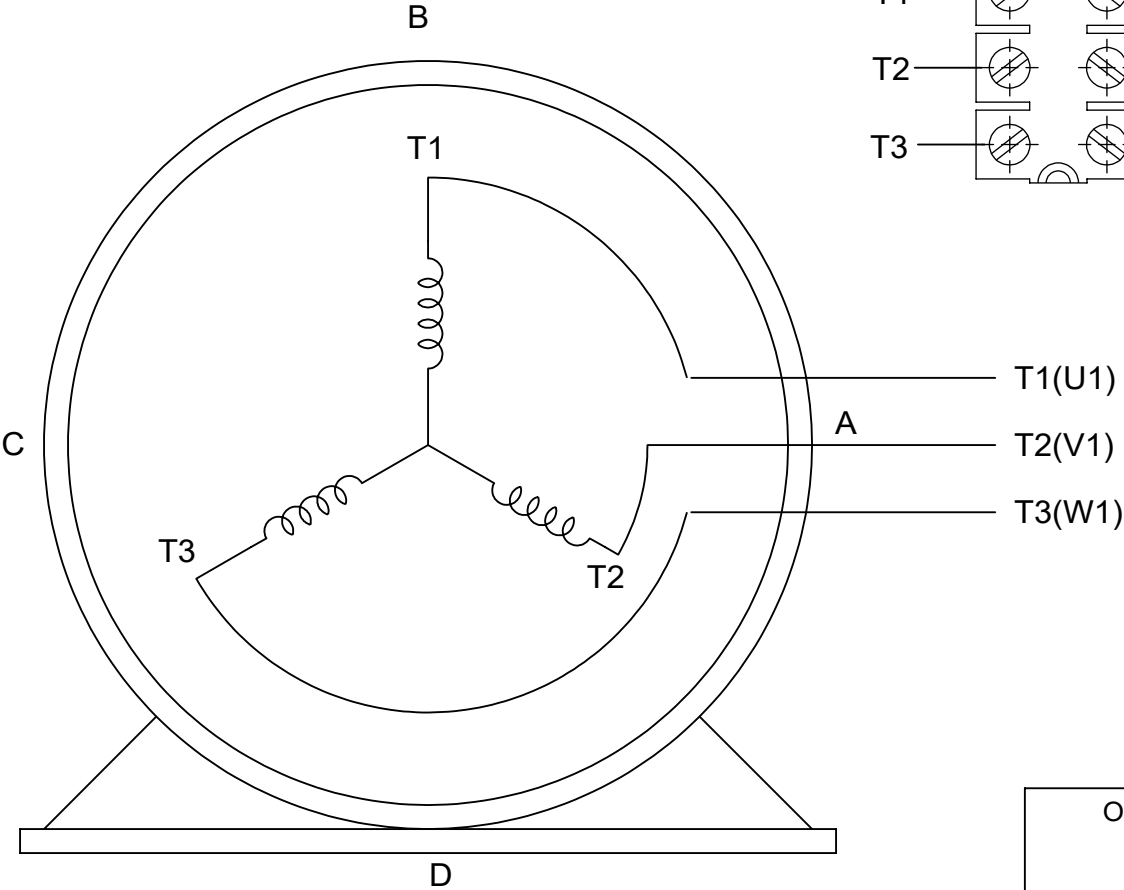
IF MOTOR HAS 6 LEADS

T1(U1) T1(U1) → L1

T2(V1) T2(V1) → L2

T3(W1) T3(W1) → L3

A-9806 DECAL




OPTIONAL CORD CONNECTION	
L1	WHITE
L2	RED
L3	BLACK

DRAWING REVISION AC	REVISION BY BS	REV DATE/© DATE 26/07/2022
REQUEST NUMBER CR-0010402	APPROVED BY SN	DATE 26/07/2022
REQUEST NUMBER DESCRIPTION DRAWING UPDATED		
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PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION

 Regal Beloit America, Inc.	
DESCRIPTION CONNECTION DIAGRAM EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR	
MATERIAL	PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7300
SHEET 1 OF 1	