

# PRODUCT INFORMATION PACKET



Model No: 811759.00

Catalog No: 811759.00

811759.00..40HP..1200/1000RPM.364T.TEFC.230/460//190/380VAC.3PH.60/50HZ.CONT.40C.1.15SF.RIGID.....

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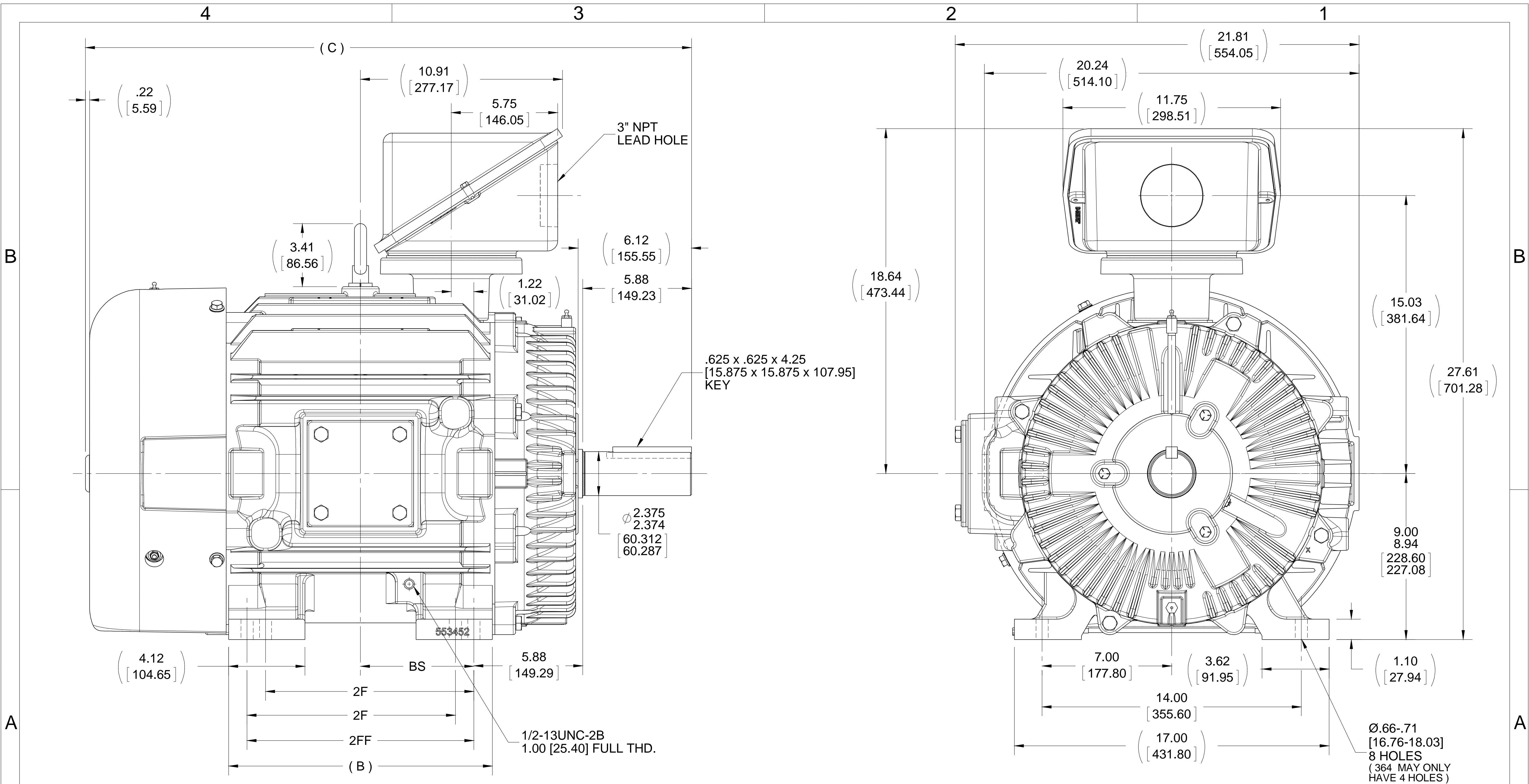
### Nameplate Specifications

Phase	3	Output HP	40 & 30 Hp
Output KW	30.0 & 22.4 kW	Voltage	230/460 & 190/380 V
Speed	1185 & 988 rpm	Service Factor	1.15 & 1.15
Frame	364T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	94.1 & 93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	100/50 & 93/46.5 A	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6312
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

### Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start Low Volt Only & Wye Start Delta Run Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.16 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	F3
Inverter Load	CONSTANT 10:1		
Outline Drawing	SS516168-1450	Connection Drawing	A-EE7308BZ

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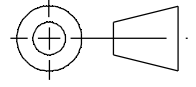


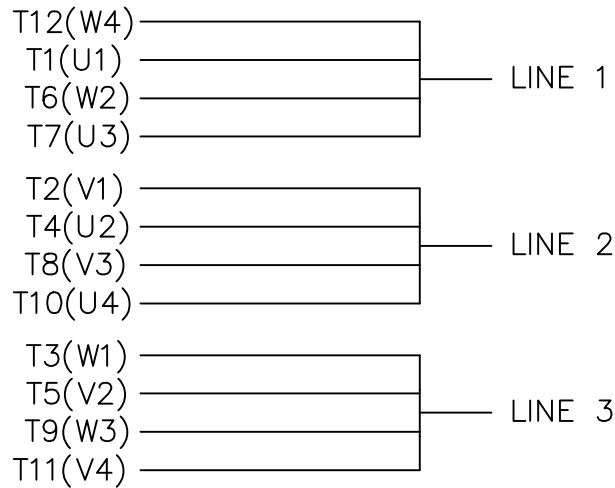
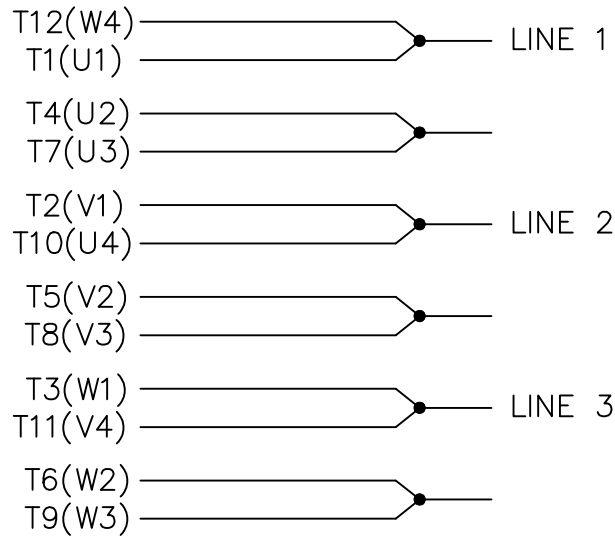
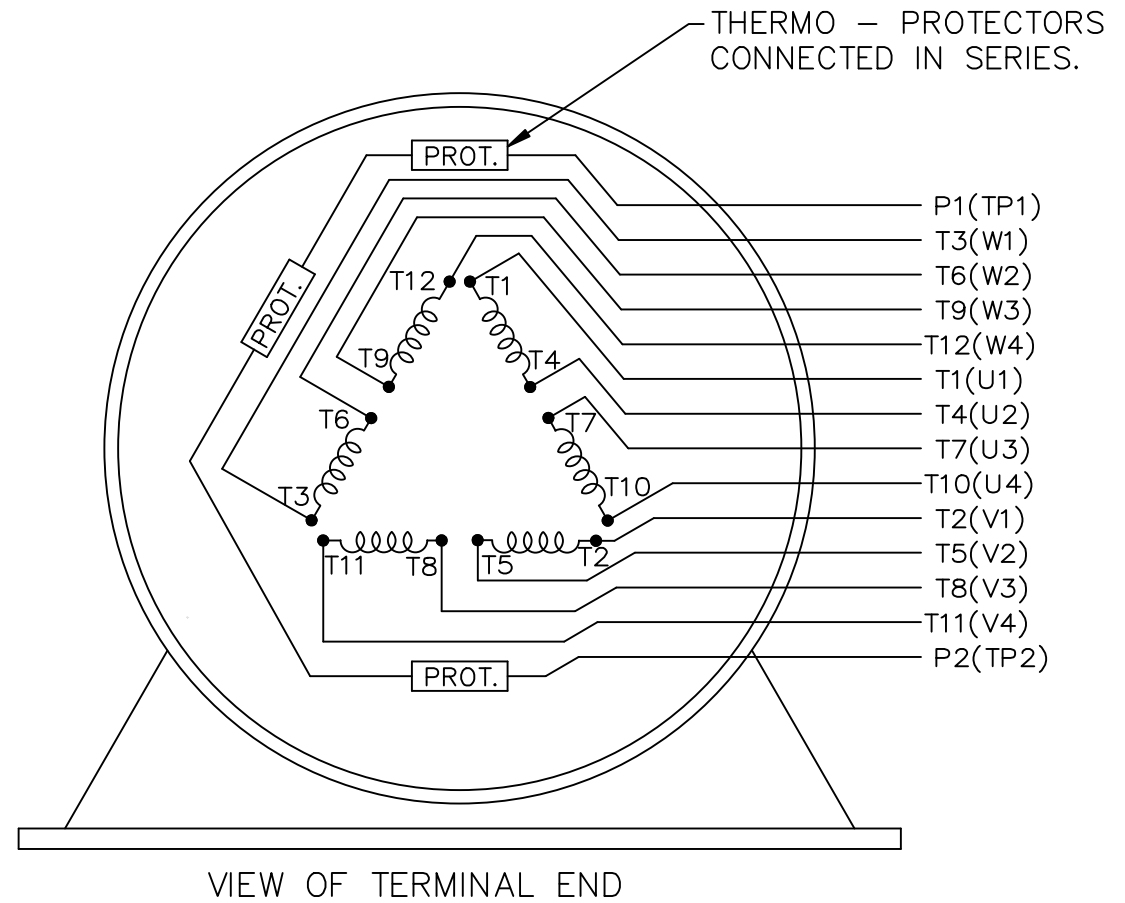
NOTE:  
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.  
2. NAMEPLATES TO BE READ FROM COVER PLATE SIDE OF THE MOTOR.  
3. DIMENSIONS IN [ ] DESIGNATE MILLIMETERS.


DASH	FRAME	B	C	2F	2FF	BS	EY
1350	364T	13.25 [336.55]	31.74 [806.20]	11.25 [285.75]	---	5.62 [142.75]	1.50 [38.10]
1450	364/365T	14.25 [361.95]	32.74 [831.60]	11.25 [285.75]	12.25 [311.15]	6.13 [155.70]	---

DRAWING REVISION D	REVISION BY JJB	DATE 05-18-2015
ECO ECO-0077801	APPROVED BY	DATE
ECO DESCRIPTION REMOVED ALTERNATE CONFIGURATION VIEW		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.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]			
CORNER FILLETS: .02 [.51]			
MACHINED SURFACES: 125 3.2			
mm SHOWN IN [BRACKETS]			

DRAWN BY KL	 Regal Beloit America, Inc.		
DATE 06-26-1997			
APPROVED BY DJK	DESCRIPTION <b>OUTLINE</b>		
DATE 07-28-1997	360T FR. - TEFC - TOP MTD. C'BOX		
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS516168	SHEET 1 OF 1

LOW VOLTAGEHIGH VOLTAGE

			TOLERANCES UNLESS SPECIFIED		 <b>REGAL-BELOIT CORPORATION</b>	DRAWN SMC 05-10-1991			
			DEC.	INCHES		CHK	TB	05-10-1991	
			.X	±.1		APPD	ML	05-10-1991	
			.XX	±.02	TITLE 3 PHASE CONNECTION DIAGRAM 2/1 DELTA - 12 LEADS	SCALE			
2	ADDED IEC DESIGNATIONS MU84825	JJB 05/13/2008	ML	.XXX ±.005	MAT'L.	REF			
1	NEW DRAWING	SMC 05-10-1991		.XXXX ±.0005	FINISH	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±'30"	PREV			
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