PRODUCT INFORMATION PACKET

Model No: 365TTFS16568
Catalog No: 365TTFS16568
75,1800,TEFC,365TC,3/60/460

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Nameplate Specifications

Output HP	75 Hp	Output KW	56.0 kW
Frequency	60 Hz	Voltage	460 V
Current	86.0 A	Speed	1780 rpm
Service Factor	1.15	Phase	3
Efficiency	95.4 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	365TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6312
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.075 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
Inverter Load	VARIABLE 10:1		
Connection Drawing	A-EE7300V	Outline Drawing	B-SS553335-1450

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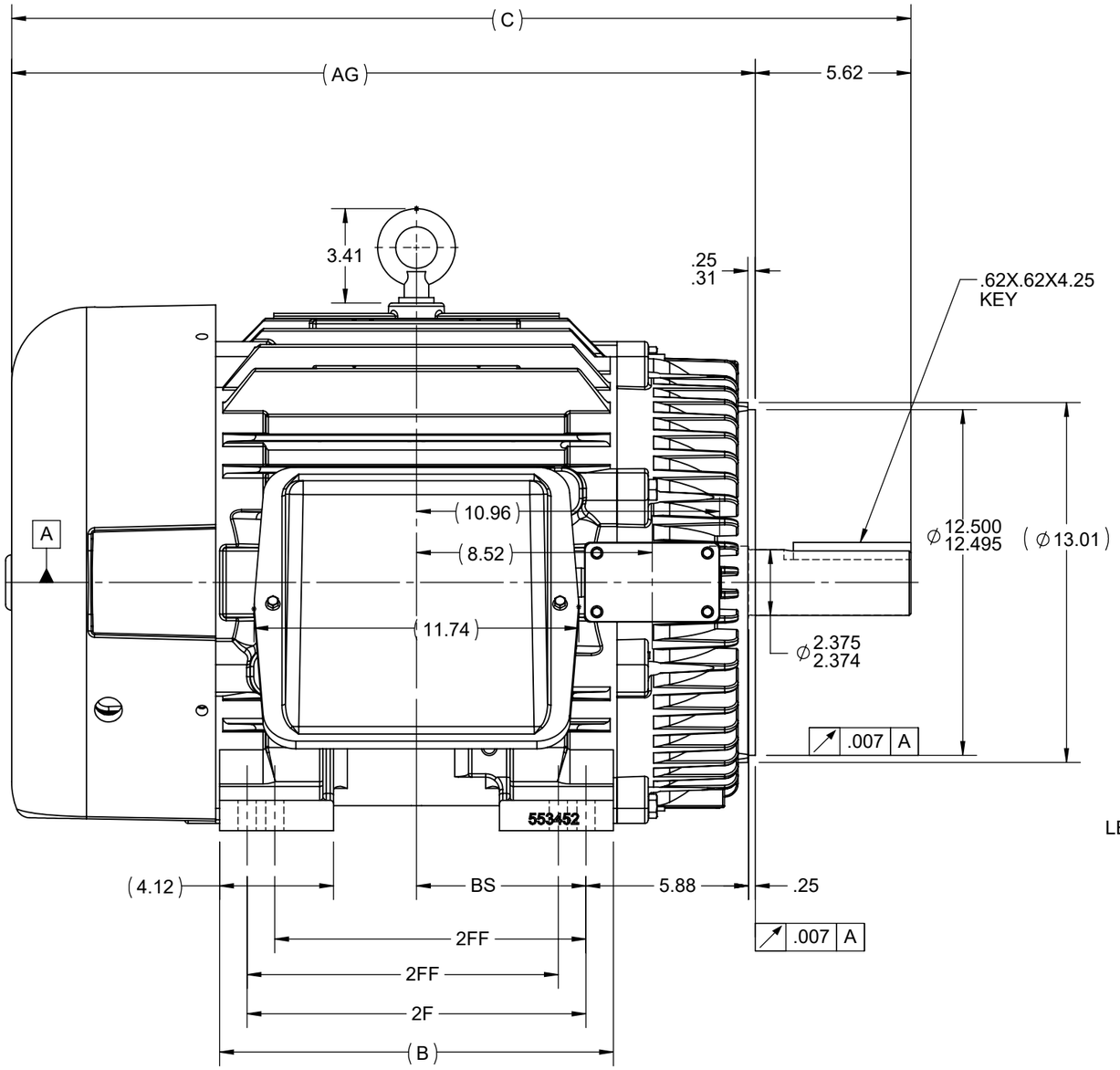

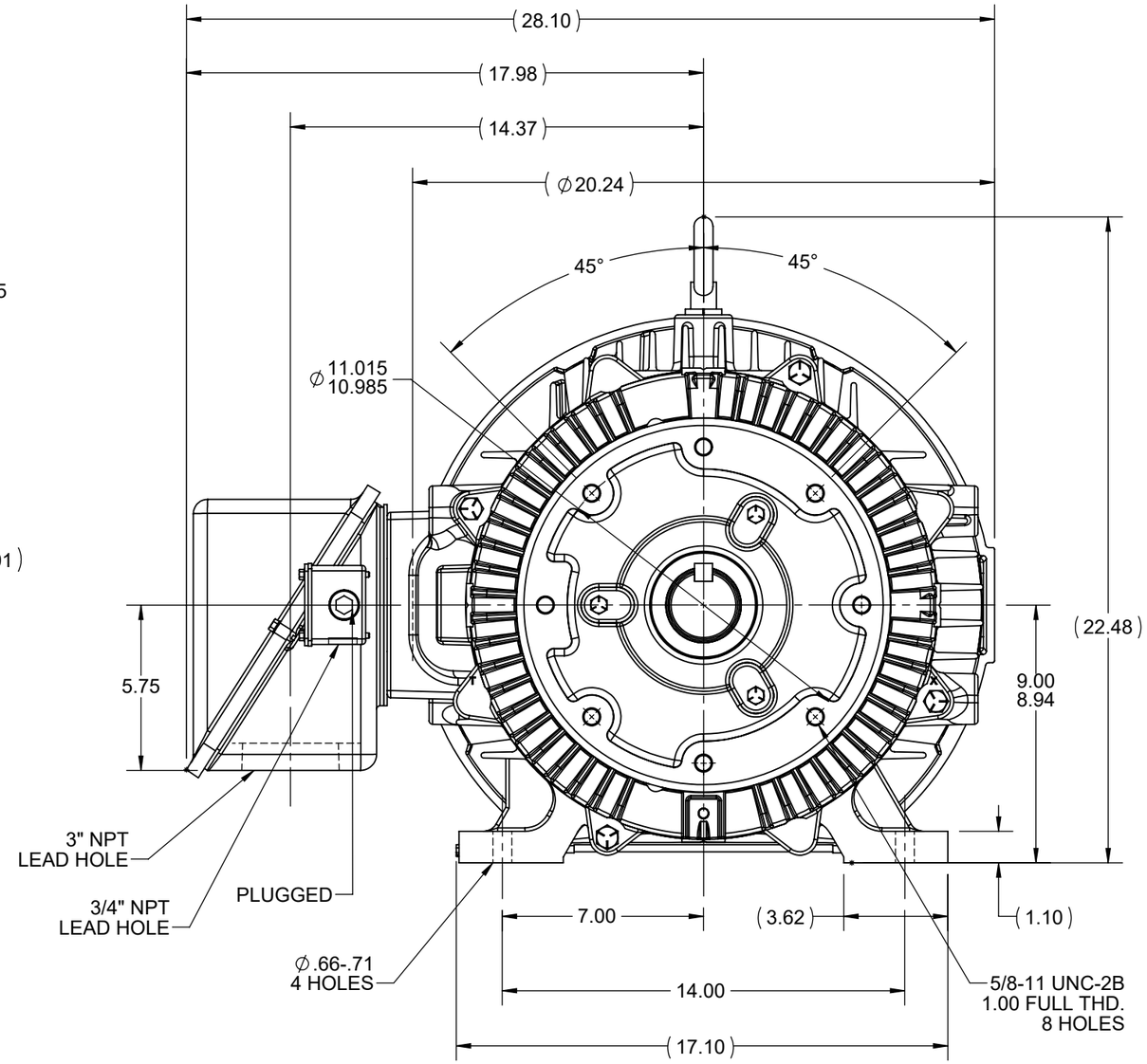

NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	C	AG	B	2F	2FF	BS
1350	364T	31.51	25.89	13.25	11.25	--	5.62
1450	365T	32.51	26.89	14.25	12.25	11.25	6.12

DRAWING REVISION: C	REVISION BY: KR	REV DATE/© DATE: 05/20/2022
REQUEST NUMBER: NMR-0214225	APPROVED BY: BP	DATE: 05/20/2022
REQUEST NUMBER DESCRIPTION: REDRAWN IN SOLIDWORK		

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TOLERANCES (EXCEPT AS NOTED):

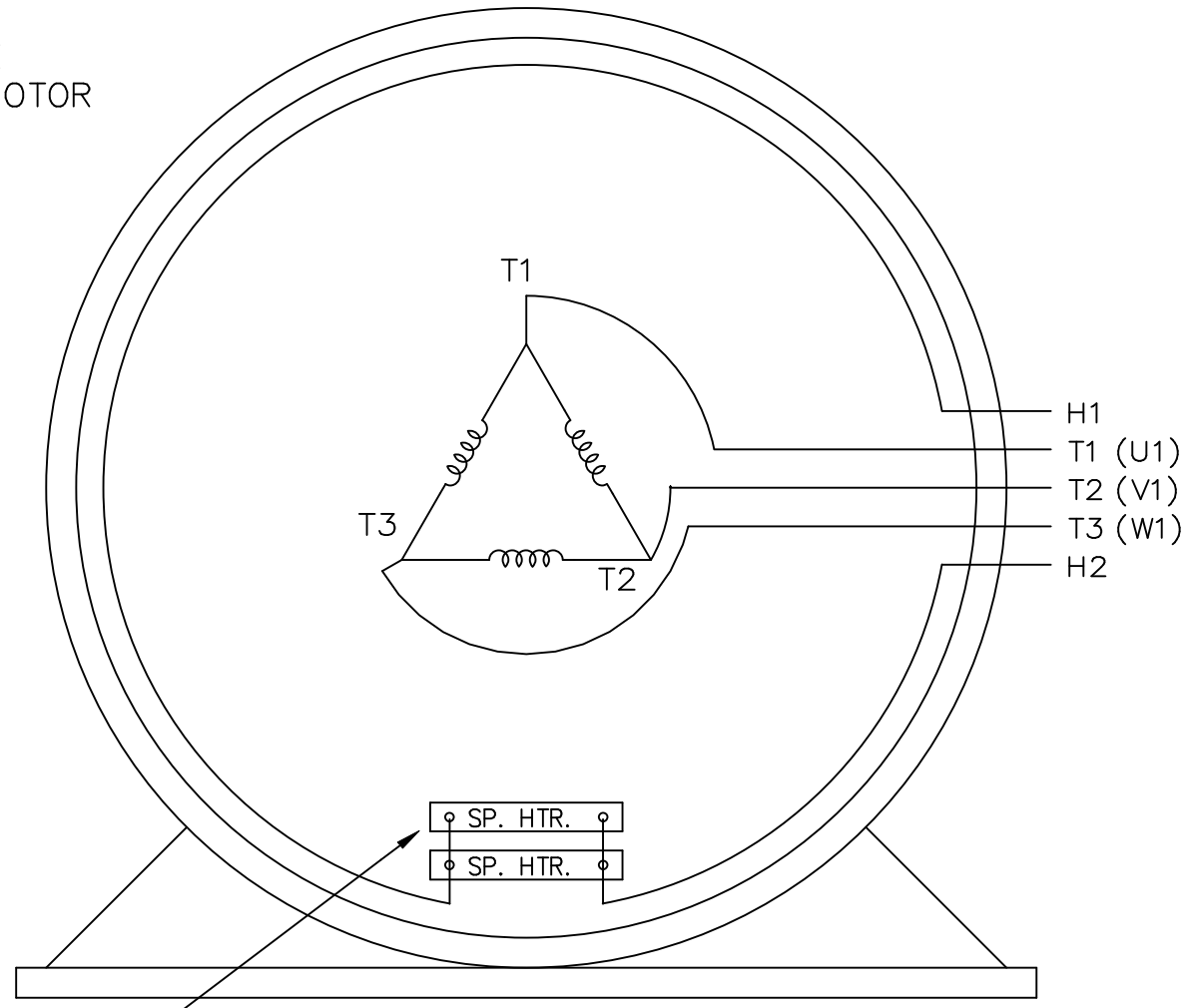
DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7' 30"
.XX	±0.03	[±0.8]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 200/ 5.1/
INCH / mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY: RWR	Regal Rexnord — Regal Beloit America, Inc.
DATE: 10-15-2008	
APPROVED BY: MJS	DESCRIPTION: OUTLINE
DATE: 10-15-2008	360T FR. - TEFC - C'FACE - AUX C'BOX - STD.
REFERENCE: B-SS552836	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B — DRAWING NUMBER: SS553335 — SHEET: 1 OF 1

EE7300V

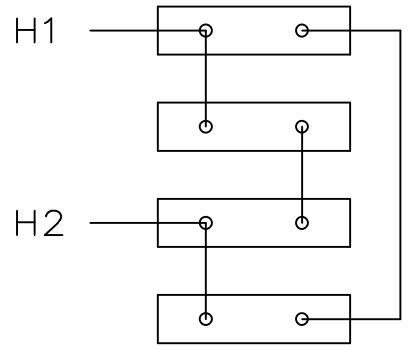
SINGLE VOLTAGE
THREE PHASE MOTOR



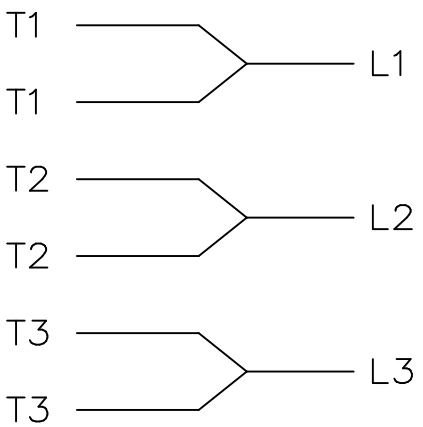
WHEN MORE THAN ONE SPACE HEATER, CONNECT IN PARALLEL

VIEW OF TERMINAL END

SPACE HEATERS CONNECTED IN SERIES PARALLEL



IF MOTOR OR GEN. HAS 6 LEADS



NOTE: IEC LEAD MARKINGS ARE NOTED IN PARENTHESES

NO.	REVISION	BY & DATE	CHK
7	ADDED IEC LEAD MARKINGS AND NOTE	AK 08-24-2008	SVL
6	REDRAWN IN AUTOCAD	TAT 08-02-2004	ML
5	REDRAWN ON CADD, ADDED SPACE HEATERS WITH SERIES PARALLEL CONNECTION 4025224	DJK 05-03-1993	

TOLERANCES UNLESS SPECIFIED	DEC.	INCHES
	.X	±.1
	.XX	±.02
	.XXX	±.005
	.XXXX	±.0005
	ANG	±7'30"

MARATHON ELECTRIC

DRAWN DJK 04-29-1993
CHK ML 04-30-1993
APPD TB 04-30-1993
SCALE 1=1
REF
FMF
PREV

TITLE CONNECTION DIAGRAM
3Ø-SINGLE VOLTAGE-WITH SPACE HEATERS

MAT'L.
FINISH
CAD FILE ee7300v

RFP
DIST

SIZE	DRAWING NO.	PAGE	OF	REV.
A	EE7300V			7

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