

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 365TTFS16592

Catalog No: E402A

XRI®-SD Severe Duty Motor, 50 HP, 3 Ph, 60 Hz, 575 V, 1200 RPM, 365T Frame, TEFC



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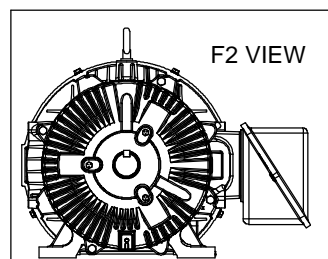
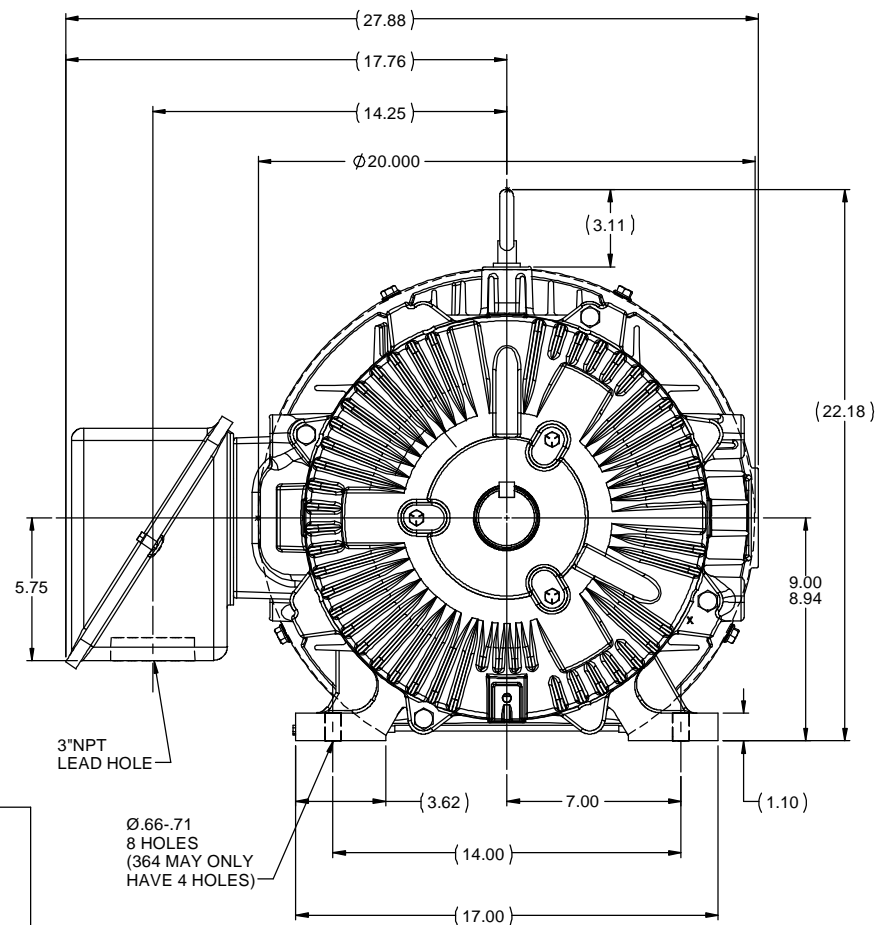
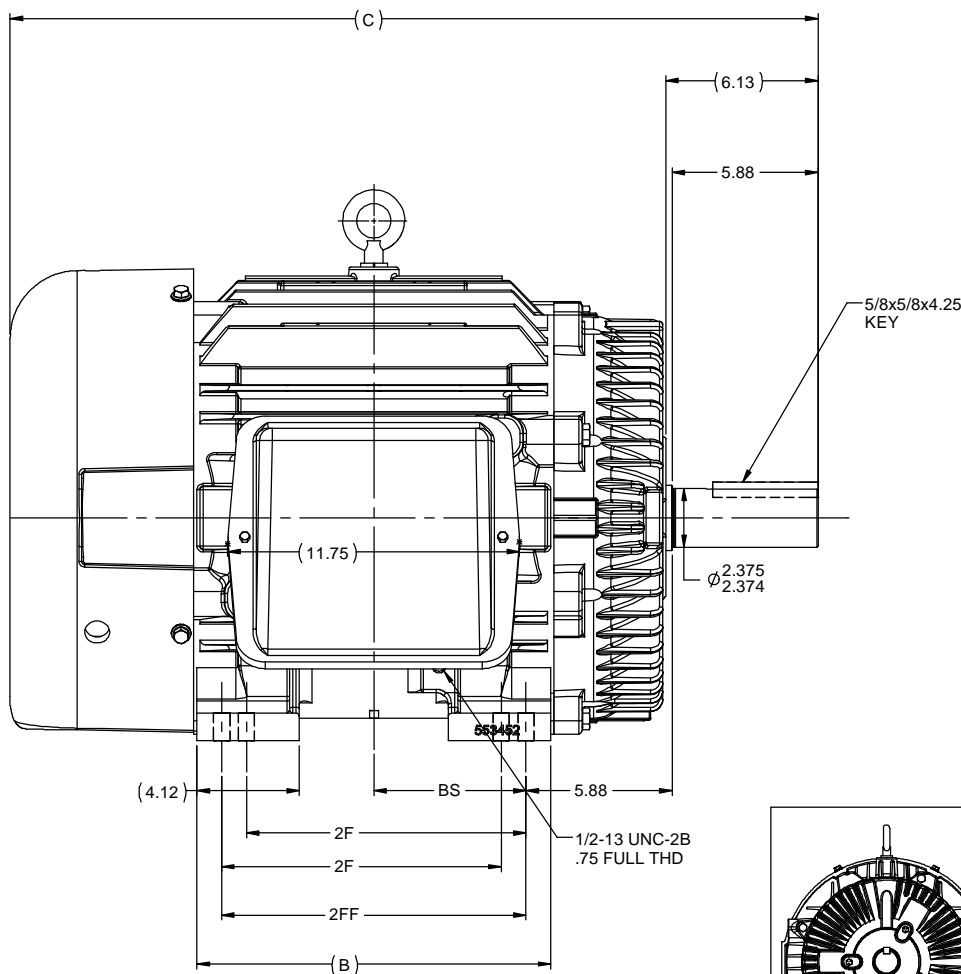
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	50 Hp
Output KW	37.0 kW	Voltage	575 V
Speed	1182 rpm	Service Factor	1.15
Frame	365T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	49.0 A	Power Factor	80.5
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	54
Number of Speeds	1		

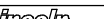

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.12 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	32.51 in
Frame Length	14.50 in	Shaft Diameter	2.375 in
Shaft Extension	6.12 in	Assembly/Box Mounting	F1/F2 Capable
Inverter Load	CONSTANT 2:1		
Connection Drawing	A-EE7300	Outline Drawing	B-SS508590-1450



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

DASH	FRAME	B	C	2F	2FF	BS
1350	364T	13.25	31.50	11.25	-----	5.62
1450	365T	14.25	32.50	11.25	12.25	6.12

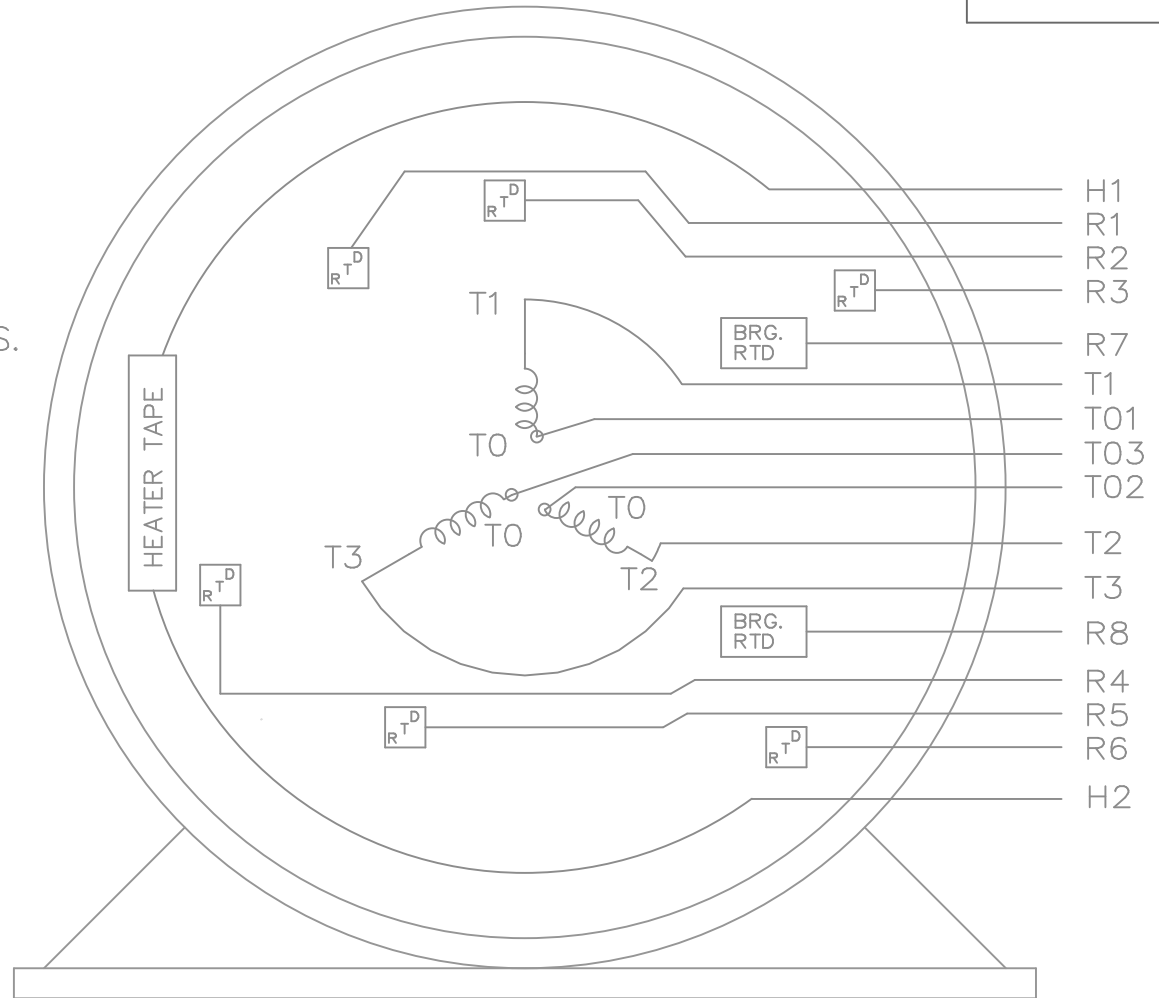
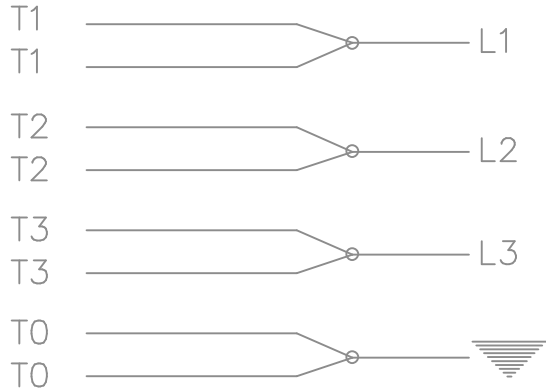
						TOLERANCES UNLESS SPECIFIED				DRAWN	TLB 04-29-1998
				DEC		INCHES				CHK	FG 04-28-1998
7	UPDATED TO SOLIDWORKS	CJR 2-22-2012	DJK	X		±.1		TITLE OUTLINE 360T FR.-TEFC-TAPPED LEAD HOLE		APPR	NIL 04-29-1998
6	REDRAWN IN AUTOCAD	TAT 6-29-2004	ML	XX		±.03			SCALE	1:5	
5	REVISED CBOX ON 244390	MRB 09-09-1999		XXX		±.005			REF		
4	REDRAWN ON CADD	TLB 4-29-1998		XXXX		±.0005			FMF		
NO	REVISION		BY & DATE		CHK	ANG	±730"	FINISH		PAGE	OF
THIRD ANGLE PROJECTION							RFP	PREV	SIZE	DRAWING NO	REV
					NETWORK FILE NAME		SS508590LN	B	SS508590LN	7	

THREE PHASE – SINGLE VOLTAGE
MOTOR OR INDUCTION GENERATOR
WITH 6 STATOR RTD'S MARKED R1
THRU R6, 2 BRG. RTD'S MARKED
R7 AND R8, AND 2 HEATER LEADS
MARKED H1 AND H2


NOTE:
WHEN MORE THAN ONE HEATER IS USED
HEATERS MUST BE CONNECTED IN SERIES.

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED			DRAWN KL 10-09-2001					
				DEC.	INCHES		CHK DJK 10-09-2001					
				.X	±.1		APPD EAB 10-09-2001					
				.XX	±.02		SCALE 1=1					
				.XXX	±.005		REF					
2	REDRAWN IN AUTOCAD	TAT 08-02-2004	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM – EXTERNAL				FMF		
1	NEW DRAWING	MU38688	KL 10-09-2001		.XXXX	±.0005	MAT'L.				PREV	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH						
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT			RFP		CAD FILE ee7300hu			SIZE	DRAWING NO.	PAGE OF	REV.	
			DIST					A	EE7300HU		2	

