

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 284TTFNA16558
Catalog No: 284TTFNA16558
20,1800,TEFC,284TC,3/60/460

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The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.

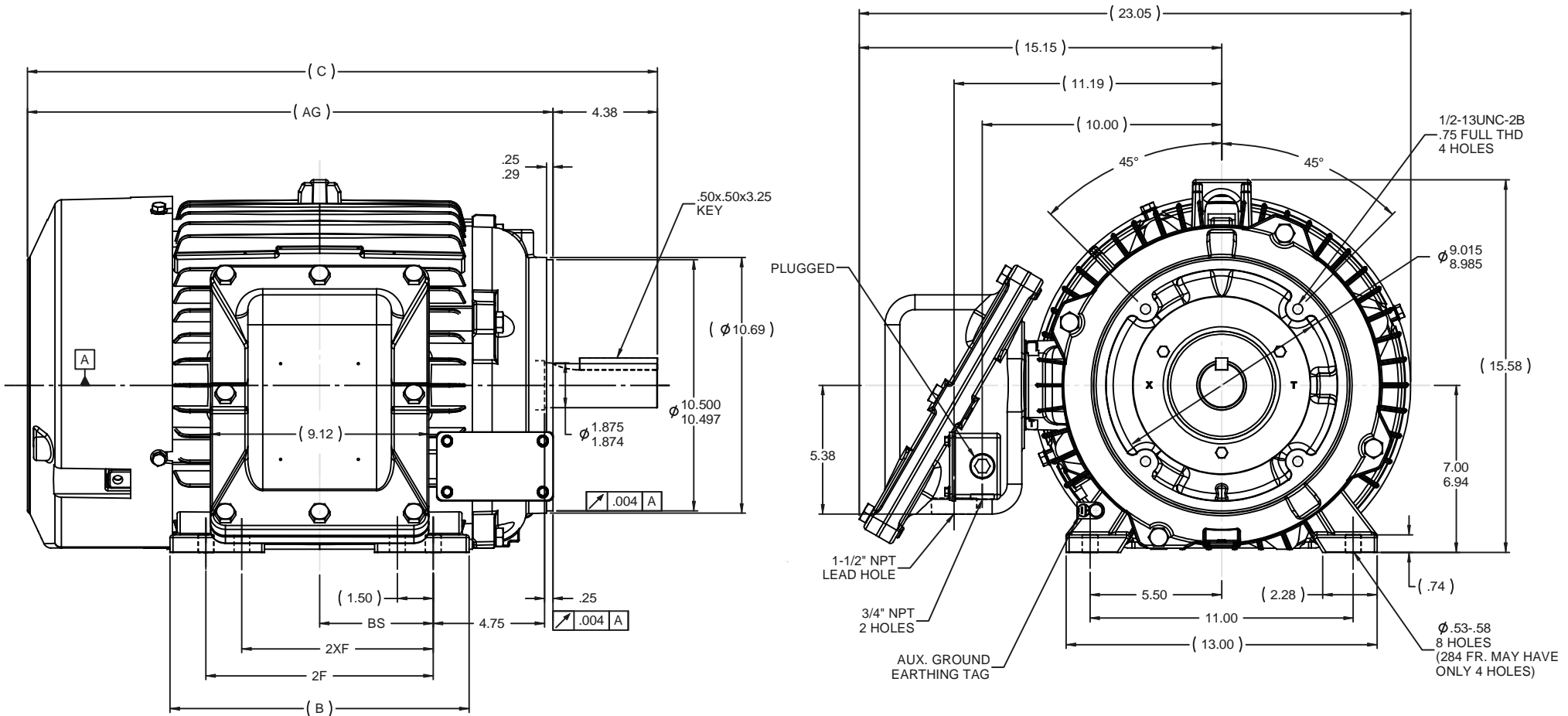
Nameplate Specifications

Phase	3	Output HP	20 Hp
Output KW	14.9 kW	Voltage	460 V
Speed	1775 rpm	Service Factor	1
Frame	284TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	25.0 A	Power Factor	81
Duty	Continuous (S1)	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	311	Opp Drive End Bearing Size	210
UL	No	CSA	Y
CE	Y	IP Code	54
Number of Speeds	1	Hazardous Location	ATEX ZONE 2

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.305 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-SS311985-1275	Connection Drawing	A-EE7300R

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NOTE:
MOTOR IS SHOWN WITH -1275 284 FRAME

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

DASH	FRAME	B	C	AG	BS	2F	2XF
1275	284TC	12.50	26.34	21.96	4.75	9.50	--
1425	284/6TC	13.00	27.84	23.46	5.50	11.00	9.50

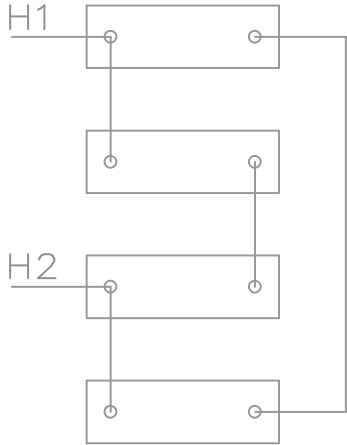
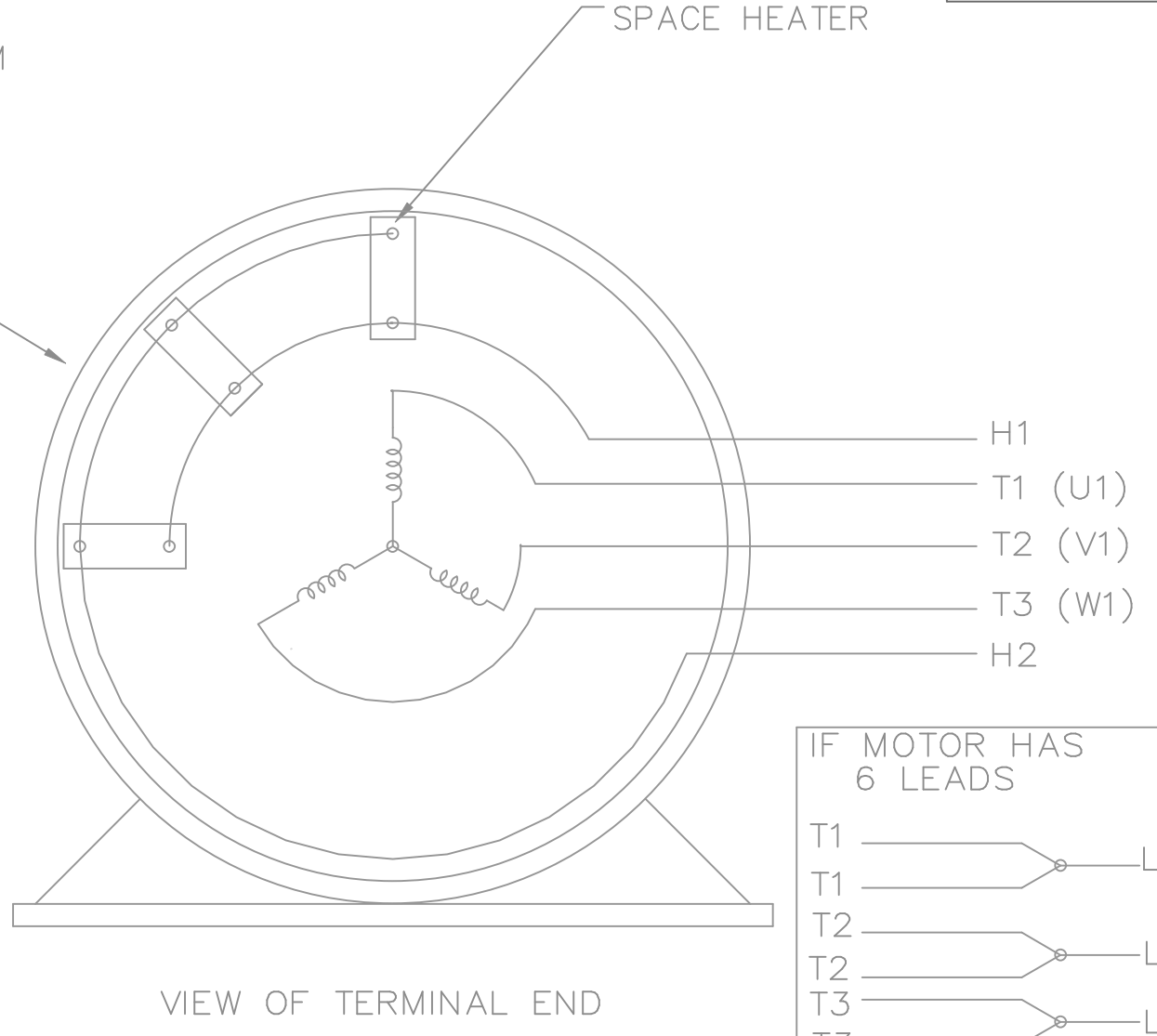
				TOLERANCES UNLESS SPECIFIED			DRAWN RWR 5/11/2007
				DEC	INCHES		CHK ML 5/11/2007
				x	±.1		APPR BAW 5/14/2007
				.xx	±.03	TITLE OUTLINE - TEFC	SCALE 1:4
				.xxx	±.005	280TC FR. - BB - STD - 12.50 LAM	REF B-SS311838
				.xxx	±.0005	MATL	FMF MU79013
				CHK	ANG ±1/2°	FINISH	PAGE OF
				RFP		PREV	SIZE DRAWING NO
				REVISION	BY & DATE	NETWORK FILE NAME SS311985	B SS311985
				THIRD ANGLE PROJECTION			REV 2

SINGLE VOLTAGE THREE PHASE MOTOR WITH 2 LEADS OUT FROM SPACE HEATERS.

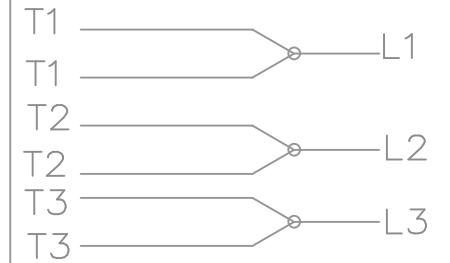
SPACE HEATER

SPACE HEATERS CONNECTED IN PARALLEL

SPACE HEATERS CONNECTED IN SERIES PARALLEL



IF MOTOR HAS 6 LEADS



				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT <i>Motor Technologies Group</i>		DRAWN PGK 08-06-1996				
				DEC.	INCHES			CHK	ML	08-07-1996		
				.X	±.1			APPD	TB	08-07-1996		
				.XX	±.02	TITLE CONNECTION DIAGRAM		SCALE 1=1				
7	REVISED T1,T2,T3 PER MU65991	CTO 06-08-2005	DD	.XXX	±.005	3Ø - SINGLE VOLTAGE		REF				
6	REDRAWN ON CAD CN 22509	PGK 08-07-1996		.XXXX	±.0005	MAT'L.		FMF				
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		PREV				
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 ee7300r			SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST	LB			A	EE7300R			7