

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 184TCFW7726

Catalog No: 184TCFW7726

3 HP, General Purpose Motors, 1 phase, 1800 RPM, 115/208-230 V, 184T Frame, TEFC  
General Purpose Motors

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RegalRexnord

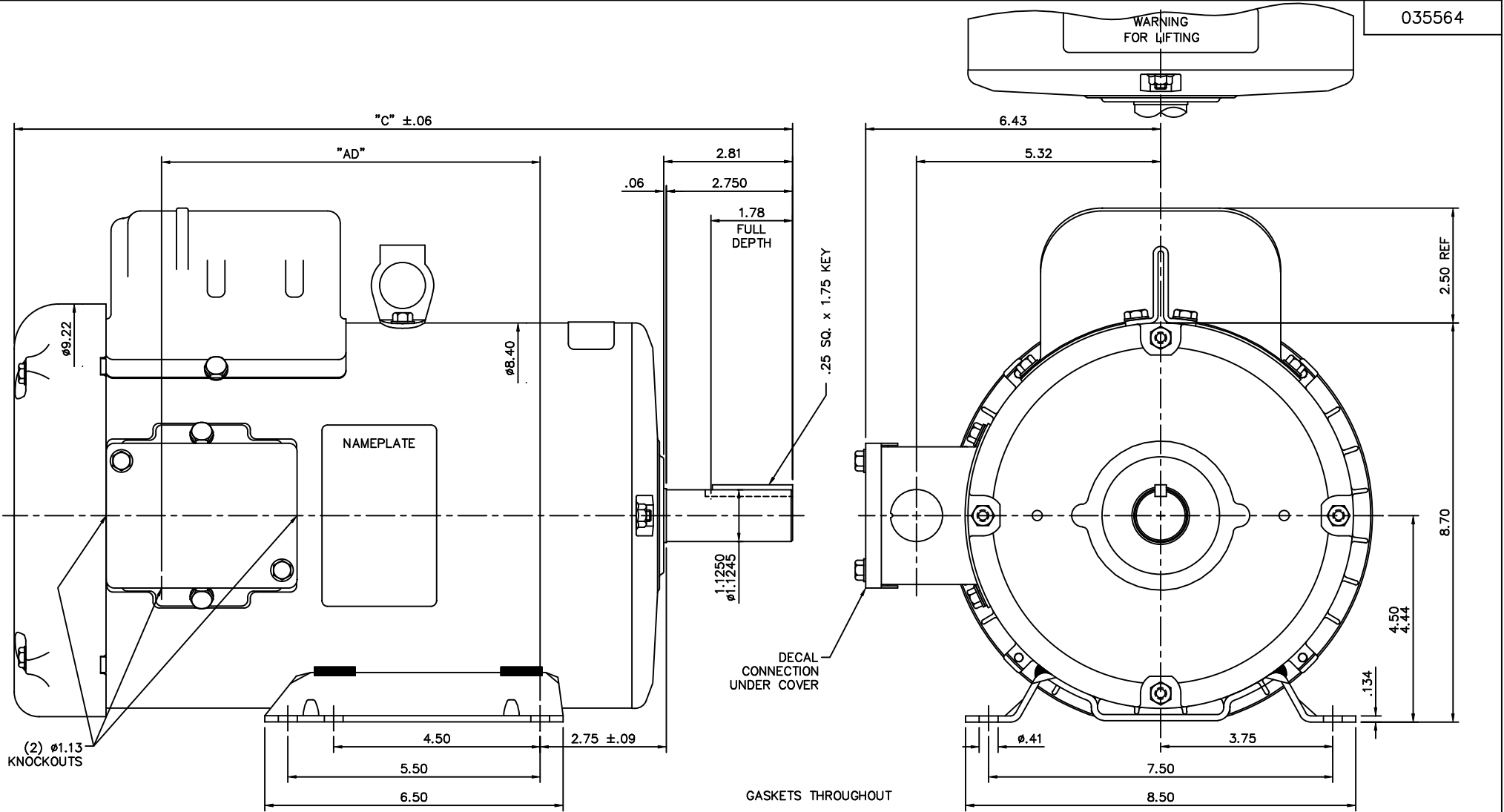
### Nameplate Specifications

Output HP	<b>3 Hp</b>	Output KW	<b>2.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>28.4/14.8-14.2 A</b>	Speed	<b>1755 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Efficiency	<b>80 %</b>	Power Factor	<b>86</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>NO DESIGN CODE</b>	KVA Code	<b>K</b>
Frame	<b>184T</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6206</b>	Opp Drive End Bearing Size	<b>6205</b>
UL	<b>No</b>	CSA	<b>Y</b>
CE	<b>N</b>	IP Code	<b>43</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Resistance Main	<b>.68 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>T</b>	Overall Length	<b>14.96 in</b>
Frame Length	<b>9.50 in</b>	Shaft Diameter	<b>1.125 in</b>
Shaft Extension	<b>2.81 in</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Connection Drawing	<b>005054.01ME</b>	Outline Drawing	<b>035564-950</b>

035564



(2) Ø1.13  
KNOCKOUTS

DASH NO.	"C"	"AD"
850	13.96	5.25
900	14.46	5.75
950	14.96	6.25
1000	15.46	6.75
1050	15.96	7.25
1150	16.46	7.75
1150	16.96	8.25
1200	17.46	8.75

NO.	REVISION	BY & DATE
01	DRAWING REDRAWN WITH NEW STANDARD C'BOX	KVN 4/8/2008

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
CHK	ANG ±1/2"
RFP	
DIST	

**MARATHON ELECTRIC**

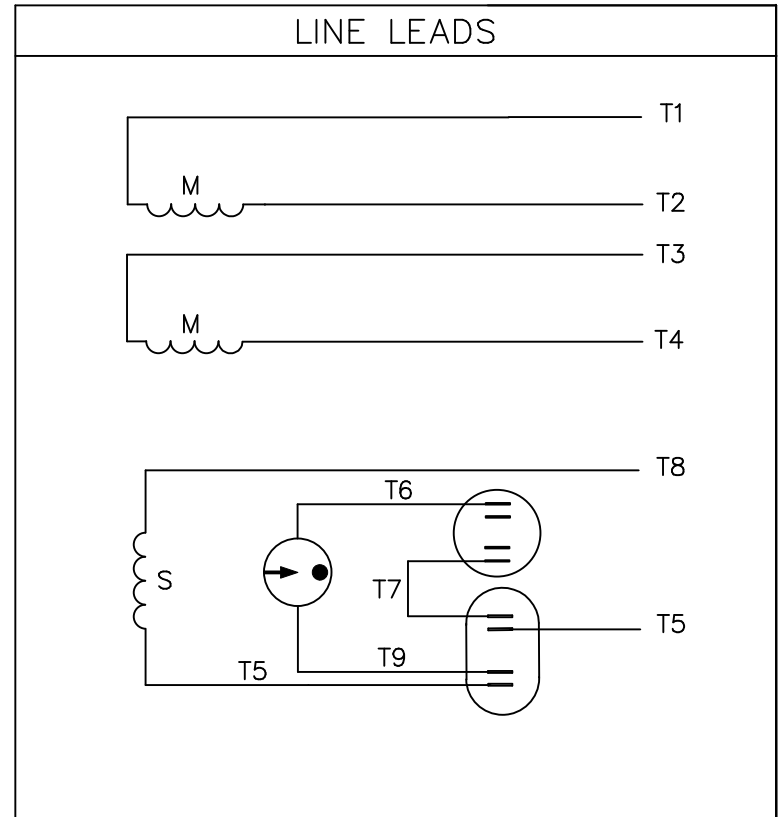
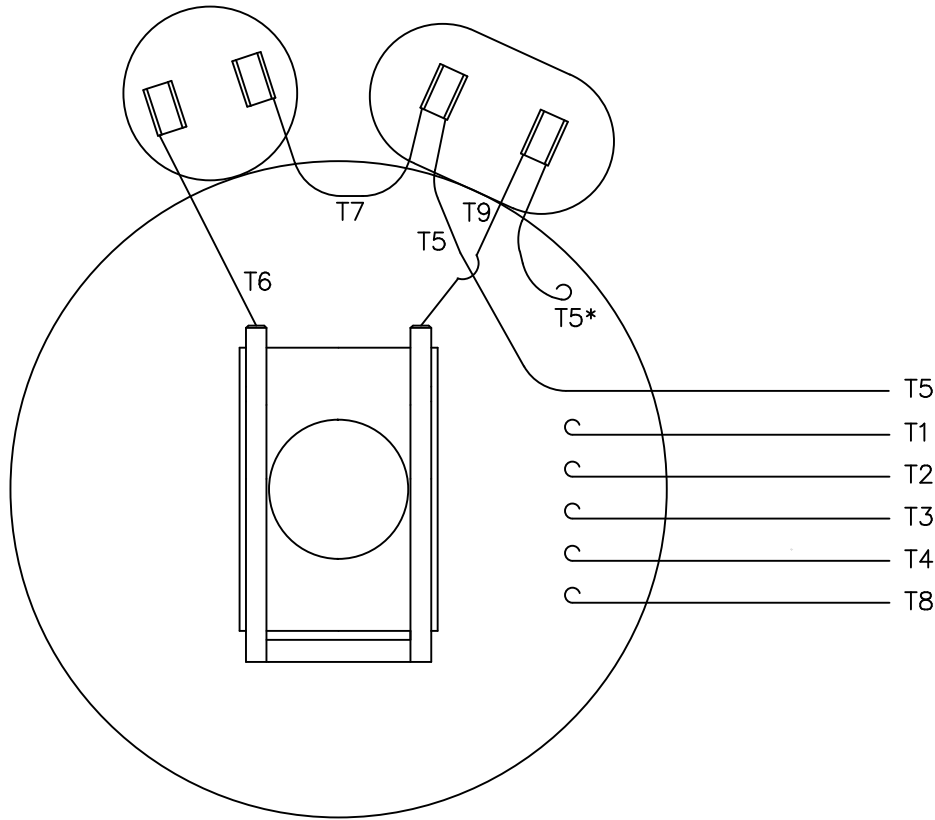
TITLE: OUTLINE- 180T FRAME  
TEFC- RIGID

CAD FILE: 035564

DRAWN KVN 09/10/2007	CHK
APPD	RDW
SCALE	1=2
REF	03549000
FMF	184TBFW7701
PREV	
SIZE	DRAWING NO.
B	035564
REV.	01

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4 T5	T2, T3 T8
	C.W.	T1	T4 T8	T2, T3 T5
LOW VOLT	C.C.W.	T1 T3, T8	T2, T4 T5	
	C.W.	T1, T3 T5	T2, T4 T8	

\* THIS LEAD MAY BE WHITE

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN MOL 07/13/2009
		DEC.	INCHES			CHK MOL 07/13/2009
		.X	±.1			APPD
		.XX	±.01	TITLE		SCALE 1=1
		.XXX	±.005	EXT. WIRING DIAGRAM TYPE "K" W/O PROTECTOR		REF A-005053
		.XXXX	±.0005	MAT'L. DECAL-004012		FMF
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV
			RFP		CAD FILE 00505401ME	SIZE A
			DIST BRF-NLV			DRAWING NO. 005054-01ME
						REV.

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