

PRODUCT INFORMATION PACKET

Model No: 182TCFW7072
Catalog No: Z119A
2,1800,TEFC,182T,1/60/115/230
Single Phase



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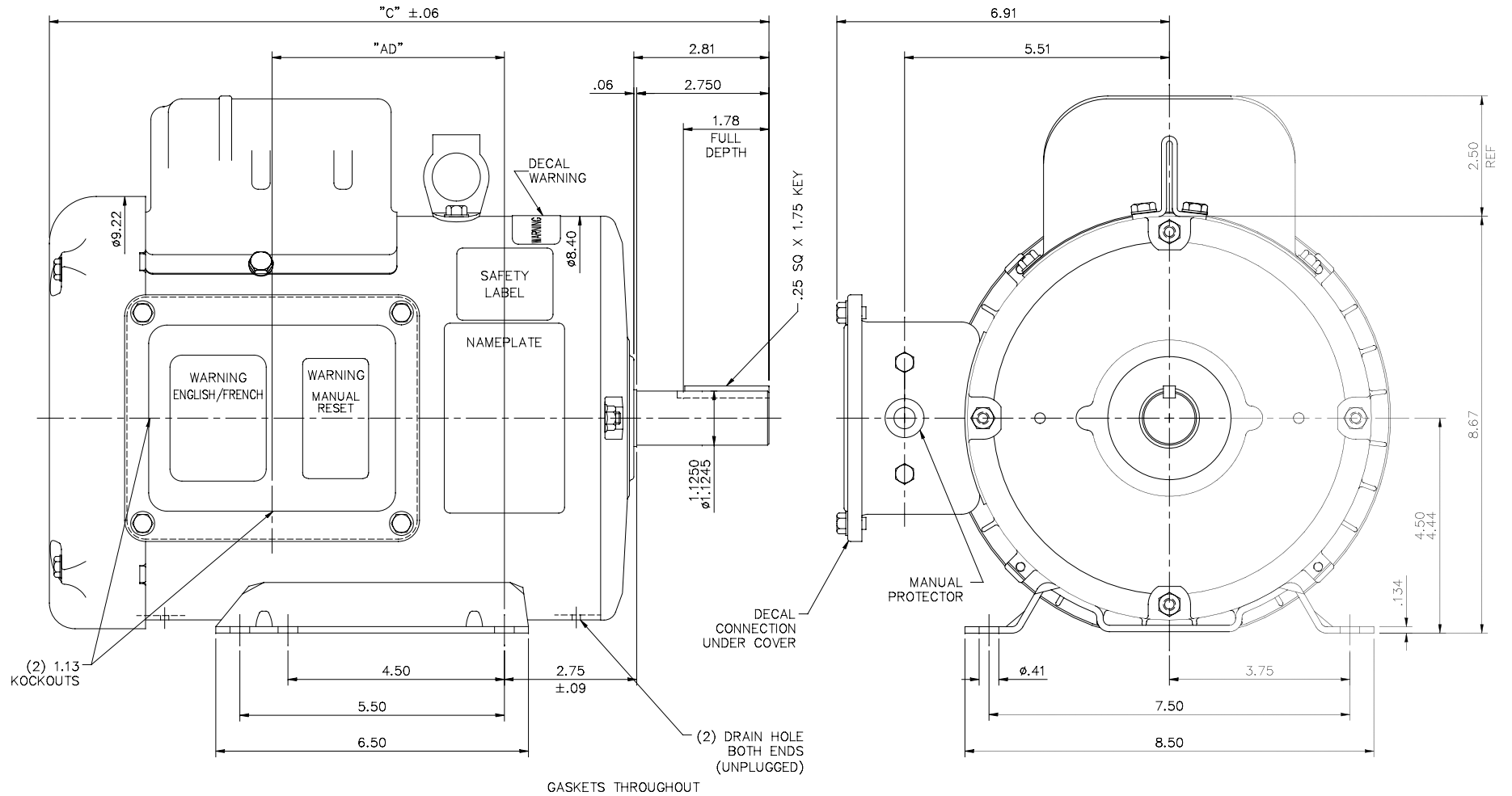
Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/230 V
Current	24.0/12.0 A	Speed	1735 rpm
Service Factor	1.15	Phase	1
Efficiency	72 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	J	Frame	182T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	Manual
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6205	UL	Recognized (Not Protector)
CSA	Y	CE	Y
IP Code	43		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	14.46 in	Frame Length	9.00 in
Shaft Diameter	1.125 in	Shaft Extension	2.81 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	035584-900	Connection Diagram	005067.02ME

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DASH NO.	"C"	"AD"
900	14.46	4.33
950	14.96	4.83
1000	15.46	5.33
1050	15.96	5.83
1100	16.46	6.33
1150	16.96	6.83
1200	17.46	7.33

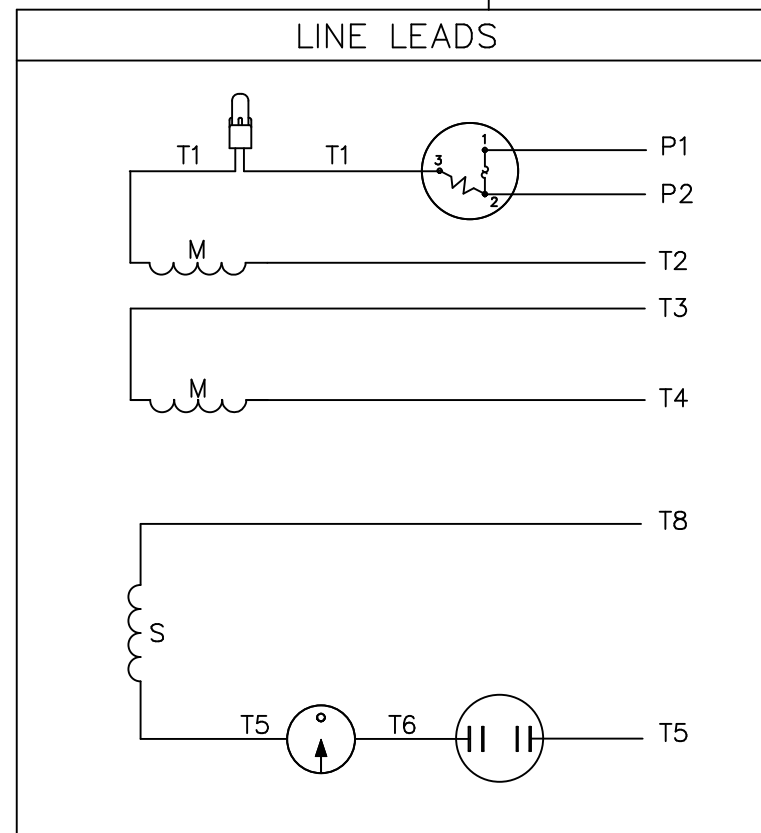
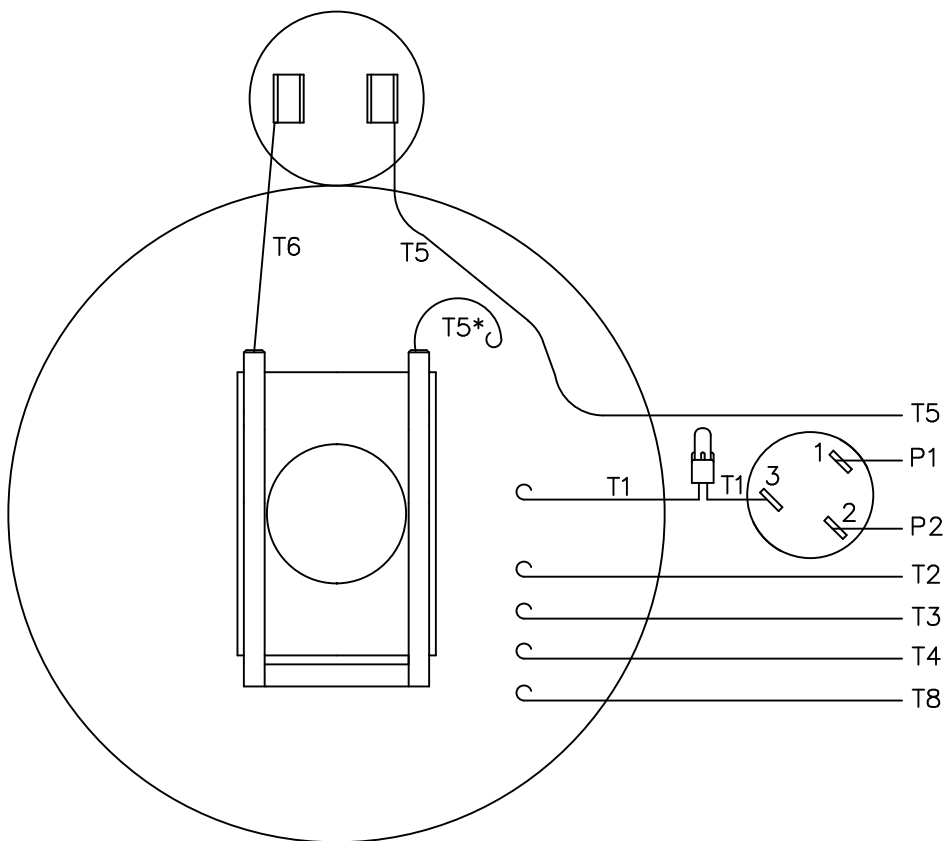
GASKETS THROUGHOUT

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	CAD FILE	SIZE	DRAWING NO.	REV.	
					DEC.	INCHES						
03	DRAIN HOLES ADDED	KIR 02/08/16	SS	.XX	±.03							
02	MANUAL PROT. DECAL WAS 004075-01	GWS 3/5/10		.XXX	±.005							
01	DASH NO. 900 ADDED IN DIMENSION BOX	KVN 3/8/2008		.XXXX	±.0005							
			RFP	ANG	±1/2"							
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								CAD FILE	035584	B	035584	03



TITLE: OUTLINE - 180T FRAME
TEFC - RIGID
DRAWN KVN 10/15/2007
CHK APPD
SCALE 1=2
REF 035474
FMF 184TBFW7070
PREV

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2, T3 T8	P2
	C.W.	P1	T4 T8	T2, T3 T5	P2
LOW VOLT	C.C.W.	P1	T2, T4 T5	P2, T3 T8	
	C.W.	P1	T2, T4 T8	P2, T3 T5	

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH
				DEC.	INCHES	
				.X	±.1	
				.XX	±.01	
				.XXX	±.005	
				.XXXX	±.0005	
				ANG	±1/2°	

MARATHON ELECTRIC

TITLE: EXT. WIRING DIAGRAM
TYPE "C" W/ PROTECTOR

MAT'L: DECAL - 004011

DRAWN	RDW 6/19/03
CHK	
APPD	KJH 6/19/03
SCALE	1=1
REF	
FMF	139052
PREV	

RFP	6/19/03	CAD FILE	00506702ME	SIZE	DRAWING NO.	REV.
DIST				A	005067-02ME	

