

PRODUCT INFORMATION PACKET

Model No: 184TBFW7034

Catalog No: I315A

Pressure Washer Motor, 5 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 184TC Frame, TEFC



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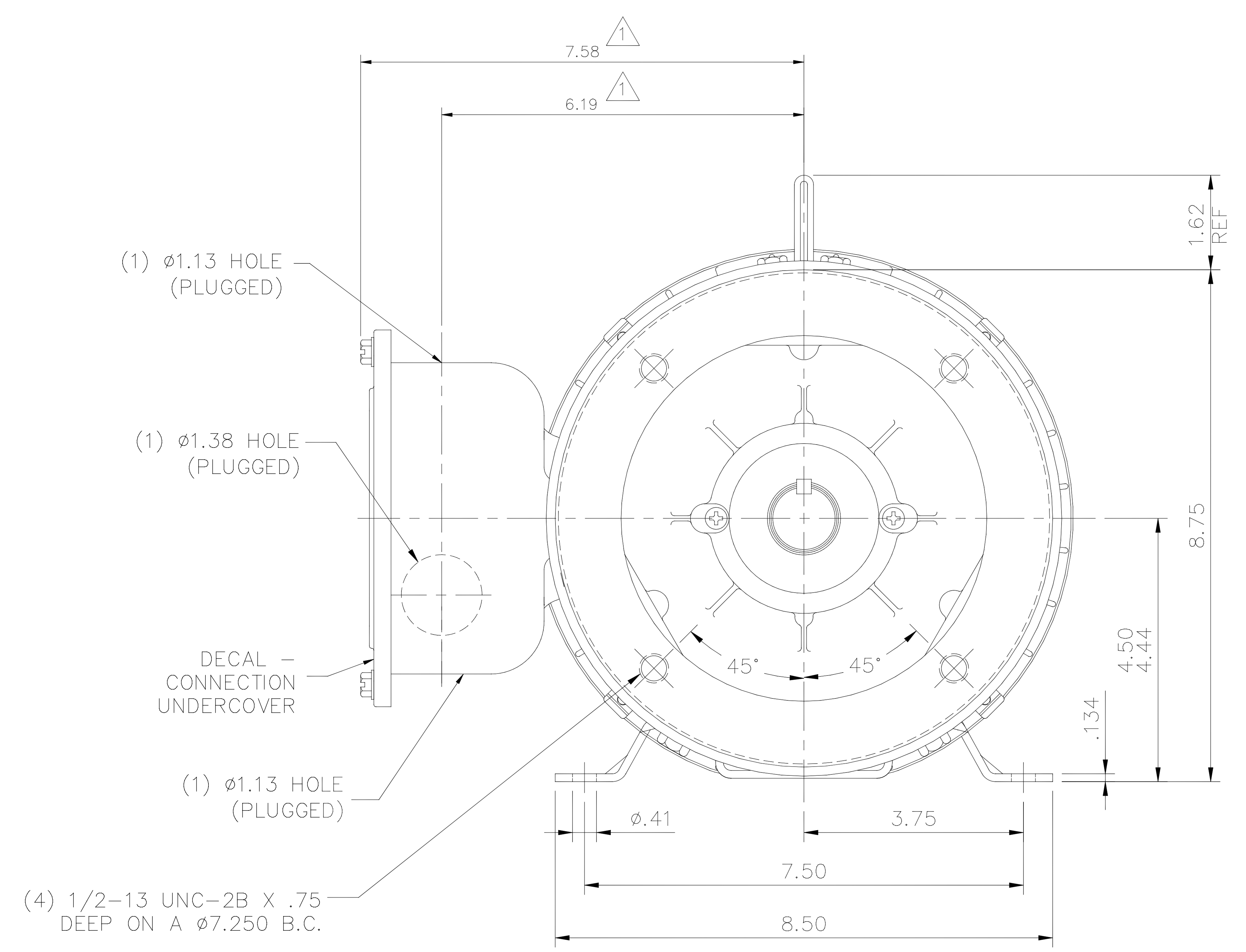
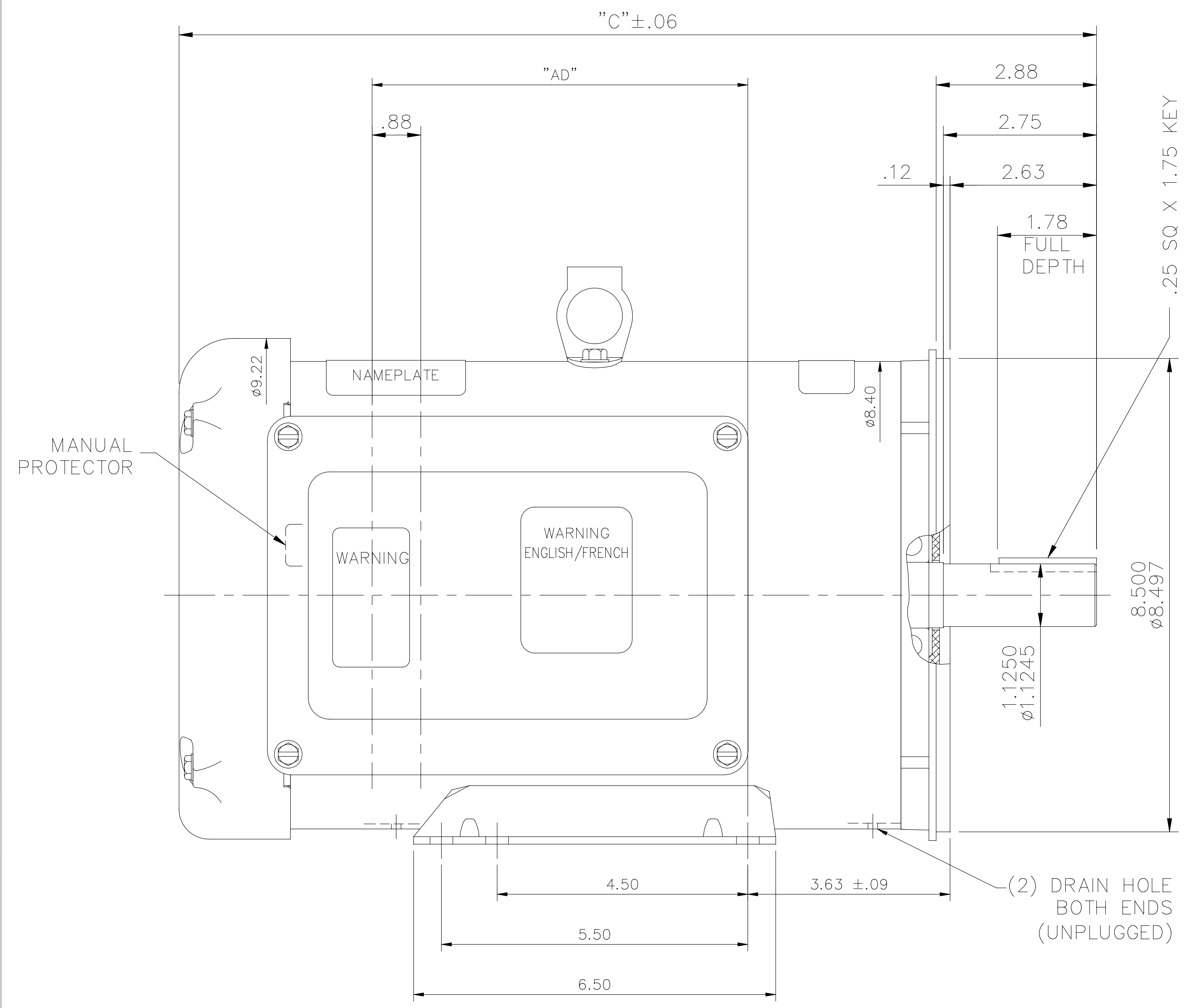
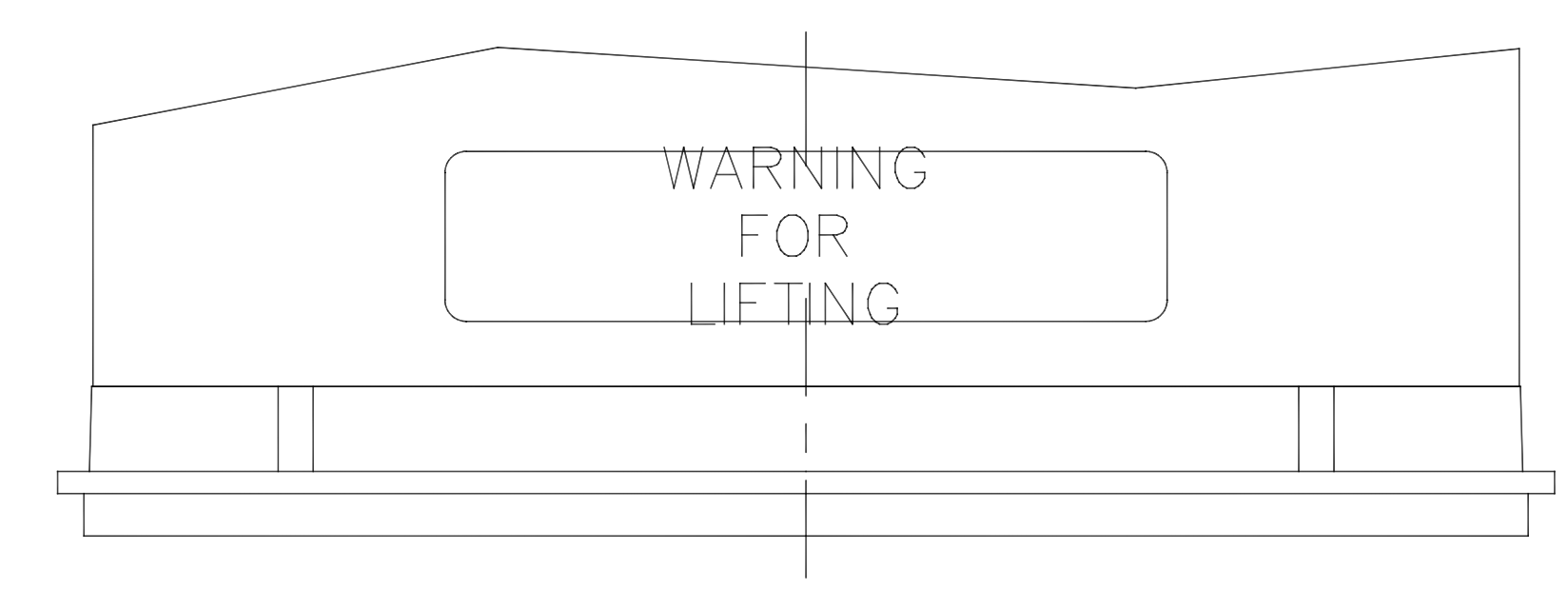
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	230 V
Current	19.5 A	Speed	1755 rpm
Service Factor	1	Phase	1
Efficiency	85.5 %	Power Factor	96.5
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	G
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized (Not Protector)	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	17.47 in
Frame Length	12.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035640-1200	Connection Drawing	005056.03ME

035640



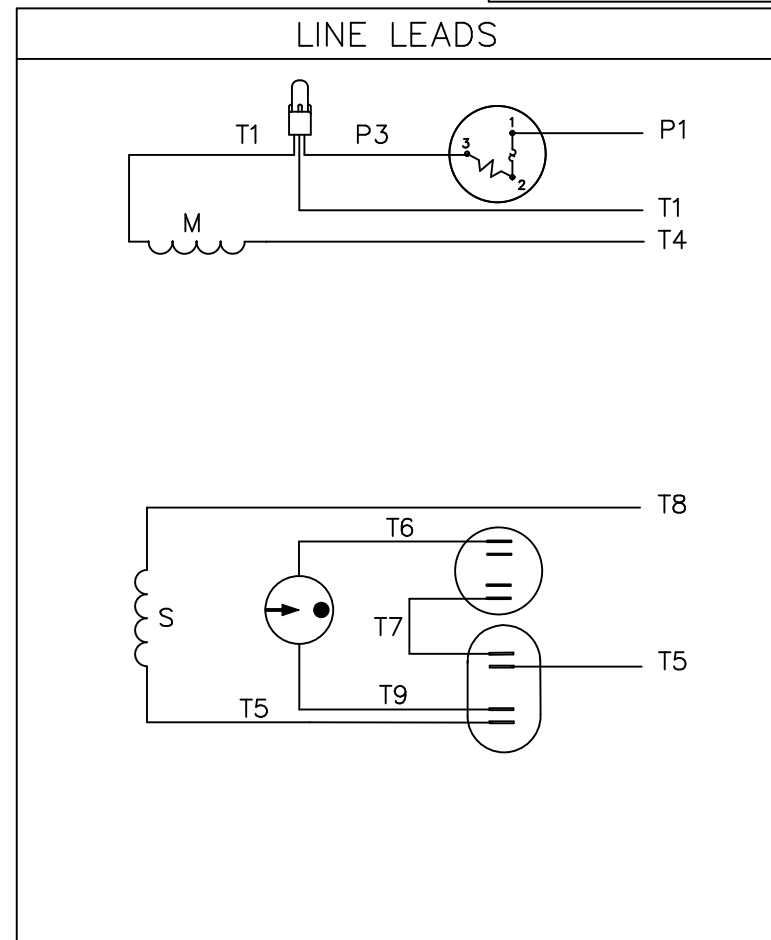
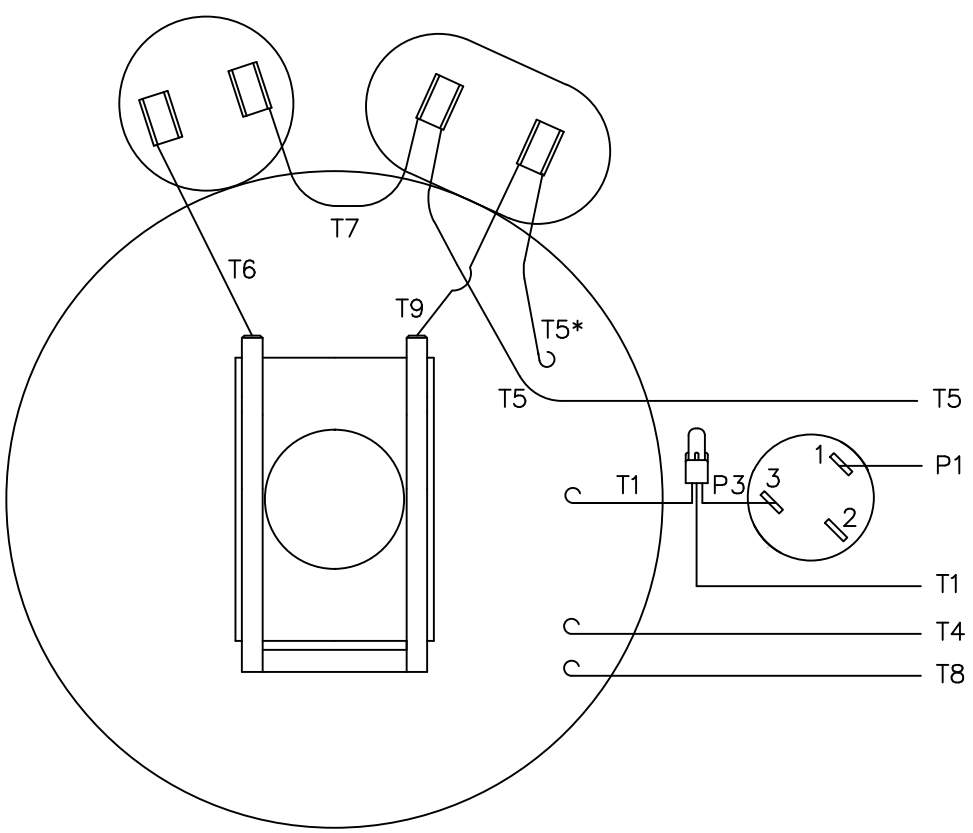
GASKETS THROUGHOUT
 MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

DASH NO.	"C"	"AD"	NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN KVN 02/29/08			
								DEC.	INCHES					
1100	16.47	6.75	02	DRAIN HOLES ADDED	KIR 02/08/16	SS	.XX	±.03	RFP	CAD FILE 035640	CHK			
1150	16.97	7.25	01	DIMENSIONS ADDED	KVN 3/31/2008		.XXX	±.005	DIST NLV		APPD			
1200	17.47	7.75					.XXX	±.0005			SCALE 3=8			
1250	17.97	8.25					.XXX	±.0005			REF 035620 & 035637			
1300	18.47	8.75					.XXX	±.0005			FMF 184TBFW7034			
1350	18.97	9.25					.XXX	±.0005			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										CAD FILE	035640	SIZE B	DRAWING NO. 035640	REV. 02



TITLE OUTLINE - 180TC FRAME
 TEFC - RIGID "C"

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



ROTATION FACING LEAD END	L1	L2	JOIN
C.C.W.	P1	T4,T5	T1,T8
C.W.	P1	T4,T8	T1,T5

* THIS LEAD MAY BE WHITE

		TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT <i>Motor Technologies</i> TITLE EXTERNAL WIRING DIAGRAM TYPE "K" W/ PROTECTOR MAT'L. DECAL - 004015 FINISH		DRAWN LST 9/9/03		
		DEC.	INCHES			CHK KH 9/9/03		
		.X	±.1			APPD		
		.XX	±.01			SCALE 1=1		
		.XXX	±.005			REF		
		.XXXX	±.0005	MAT'L. DECAL - 004015		FMF 139045		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	PREV		
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			DIST	BRF-NLV				

CERTIFICATION DATA SHEET

Model#: 184TBFW7034 AA **WINDING#:** K8495 NONE 2
CONN. DIAGRAM: 005056.03ME **ASSEMBLY:** F1 ONLY
OUTLINE: 035640-1200

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5	3.70	1800	1755	184TC	TEFC	G	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	230	19.5	ACROSS THE LINE	CONTINUOUS	F4	1.0	40	3300

FULL LOAD EFF: 85.5	3/4 LOAD EFF: 85	1/2 LOAD EFF: 80.9	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 96.5	3/4 LOAD PF: 97.2	1/2 LOAD PF: 96.6	82.5	CAP START CAP RUN	2.9

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
14.9 LB-FT	133.5	38.9 LB-FT 261	37.5 LB-FT 252	80

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	0 LB-FT^2	10 SEC.	2	0 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6206	6205						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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N
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E
S
*

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

DATE: 06/28/2017 06:06:27 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230

Volts

HP 5

PHASE 1

Model No 184TBFW7034

60

HZ

VOLTS 230

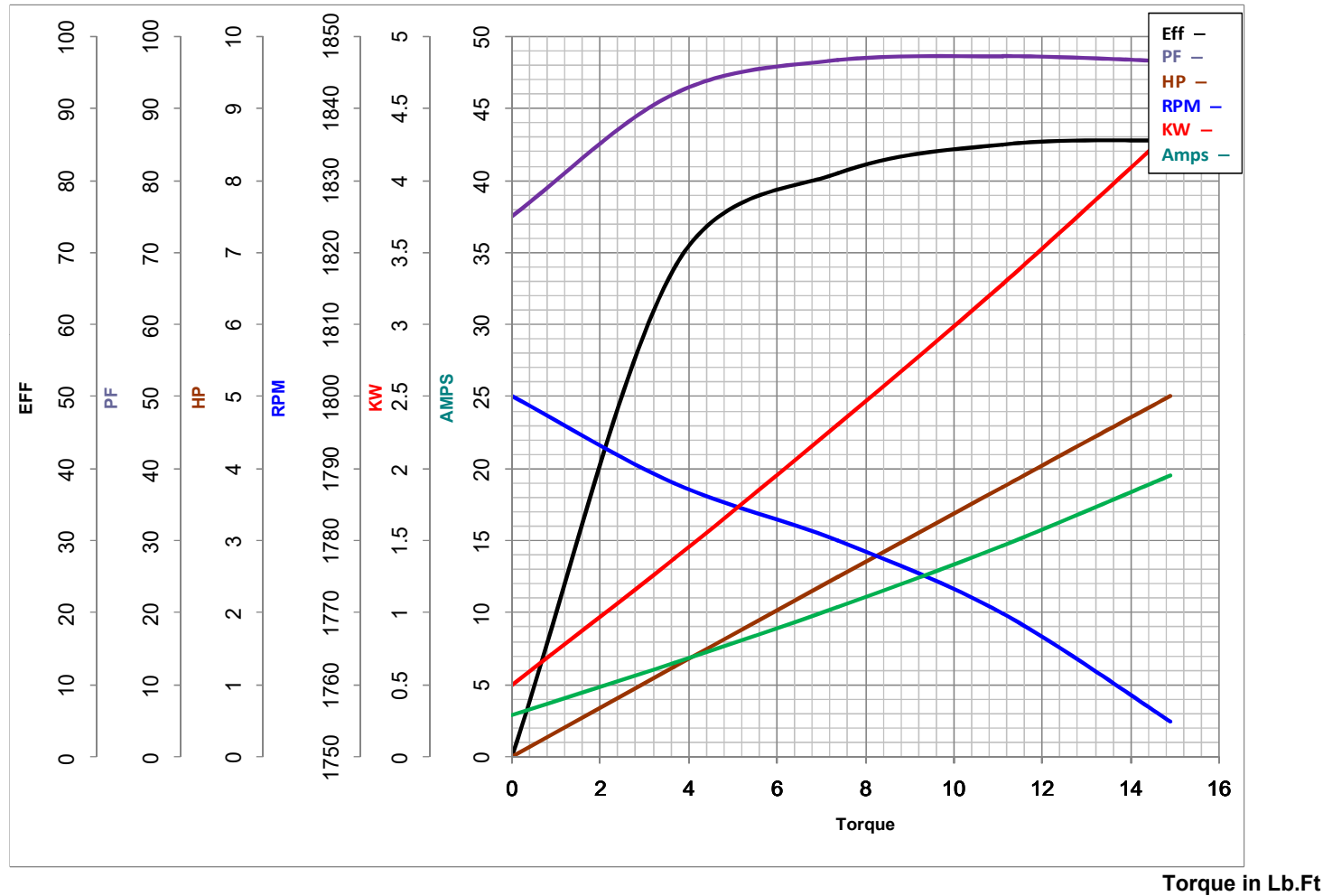
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HP

HZ 60

RPM 1755

Catalog No I315A



Torque in Lb.Ft

FL TORQUE 14.9 Lb.Ft
BD TORQUE 37.5 Lb.Ft
LR TORQUE 38.9 Lb.Ft

FL AMPS 19.5
PU TORQUE 29.5 Lb.Ft
LR AMPS 133.5

WINDING K8495-2

Date 1/10/2019