

PRODUCT INFORMATION PACKET



Model No: 184TTFW4001

Catalog No: E1963

Other Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
184T Frame, TEFC

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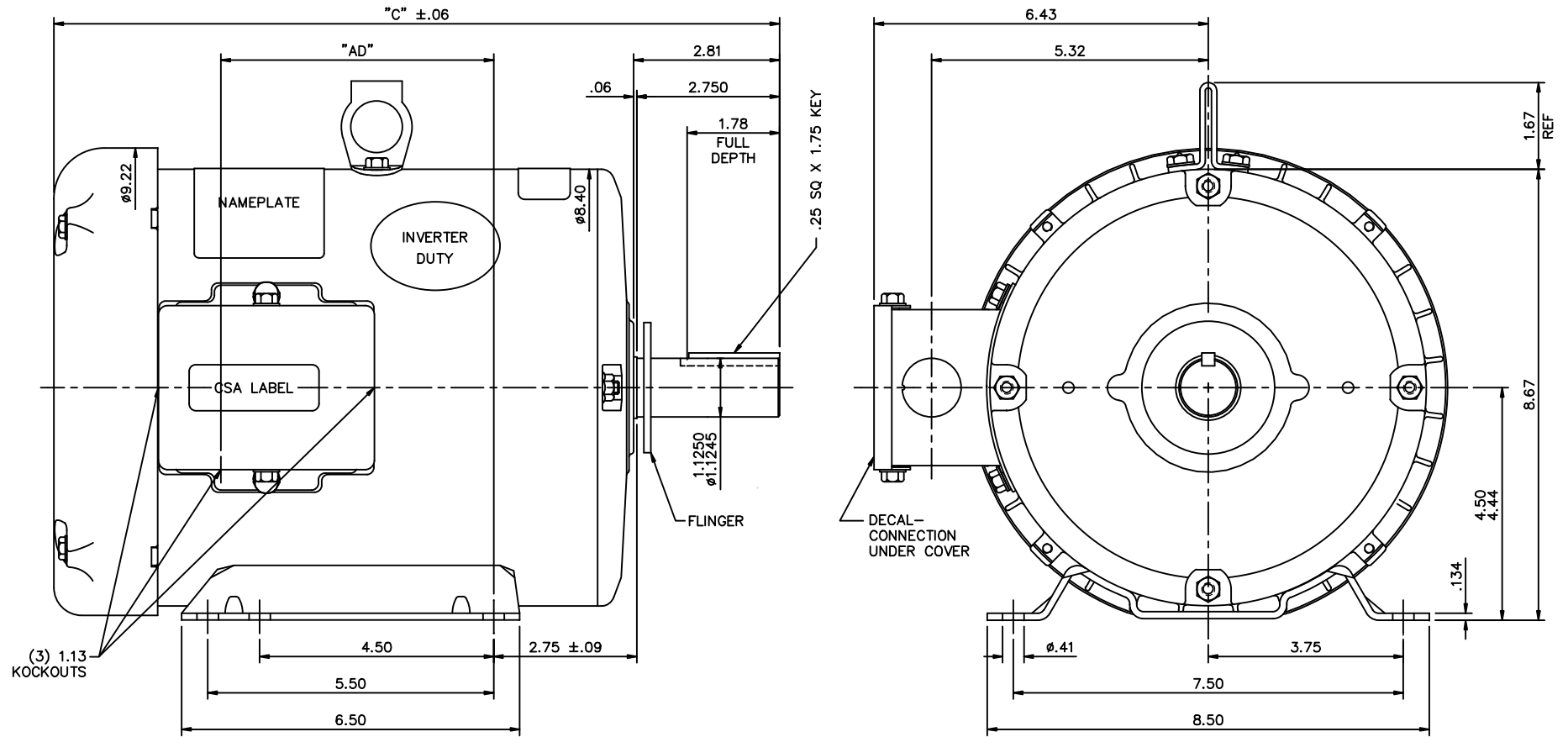


Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	208-230/460 & 190/380 V
Speed	3485 & 2910 rpm	Service Factor	1.15 & 1.15
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 & 86.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13.4-12.2/6.1 & 9.2/4.6 A	Power Factor	87
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
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	14.46 in
Frame Length	9.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035595-900	Connection Drawing	005010.01ME



DASH NO.	"C"	"AD"
800	13.46	4.75
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
1100	16.46	7.75
1150	16.96	8.25

NO.		REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	CAD FILE		SIZE	DRAWING NO.	REV.
				RFP				035595		B	035595	
				DIST	NLV							

TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN KVN 12/12/2007	
DEC.	INCHES			CHK	
.X	±.1			APPD	
.XX	±.03			SCALE	1=2
.XXX	±.005			REF	035542
.XXXX	±.0005			FMF	184TTFW4001
				PREV	

		TITLE		OUTLINE - 180T FRAME	
				TEFC - RIGID	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

		TOLERANCES UNLESS SPECIFIED		 MARATHON ELECTRIC	DRAWN RDW 04/12/02	
		DEC.	INCHES		CHK	
		.X	±.1		APPD	
		.XX	±.01		SCALE 1=1	
		.XXX	±.005		REF FIG.2-51	
		.XXXX	±.0005	TITLE		FMF
				EXTERNAL WIRING DIAGRAM		
				3 PHASE W/O PROTECTOR		
				MAT'L. DECAL - 004014		
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV
			RFP	04/12/02	CAD FILE 00501001ME	SIZE A
			DIST			DRAWING NO. 005010-01ME
						REV.

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