

PRODUCT INFORMATION PACKET

Model No: R243M2

Catalog No: R243M2

Crop Dryer Motor, 7.5 HP, 3 Ph, 60 Hz, 208-230/460 V, 3600 RPM, 184TZ Frame, TEAO



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Nameplate Specifications

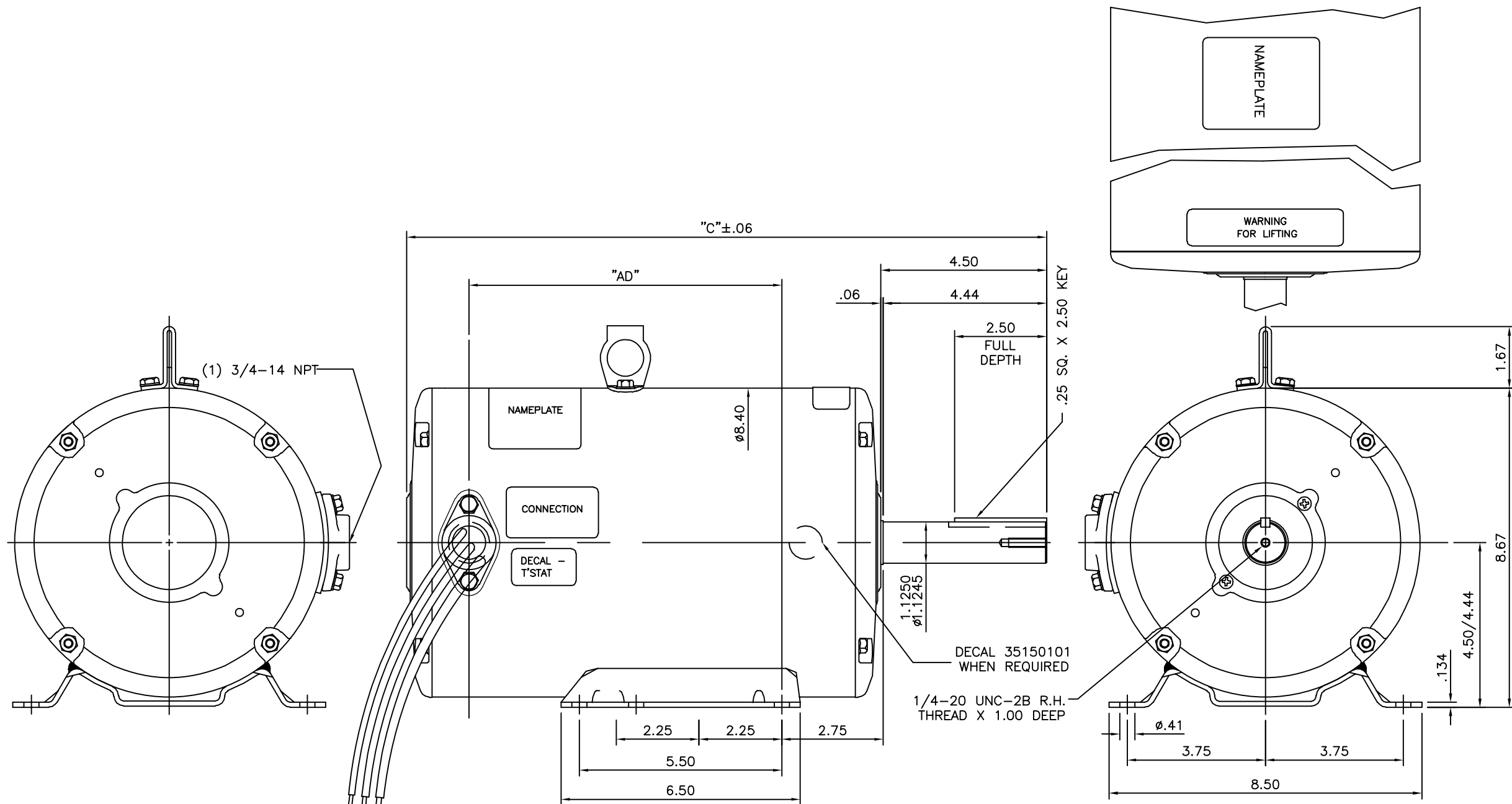
Output HP	7.5 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	18.5-17/8.5 A	Speed	3490 rpm
Service Factor	1	Phase	3
Duty	Air Over	Insulation Class	F
Frame	184TZ	Enclosure	Totally Enclosed Air Over
Thermal Protection	No Protection	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Three Phase	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	17.38 in
Frame Length	11.50 in	Shaft Diameter	1.125 in
Shaft Extension	4.50 in		
Connection Drawing	005010.20CY	Outline Drawing	035940CY

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035940CY



SEE MODEL FOR LEAD LENGTH.

DASH NO.	"C"	"AD"
950	15.38	6.50
1000	15.88	7.00
1050	16.38	7.50
1100	16.88	8.00
1150	17.38	8.50
1200	17.88	9.00
1250	18.38	9.50

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

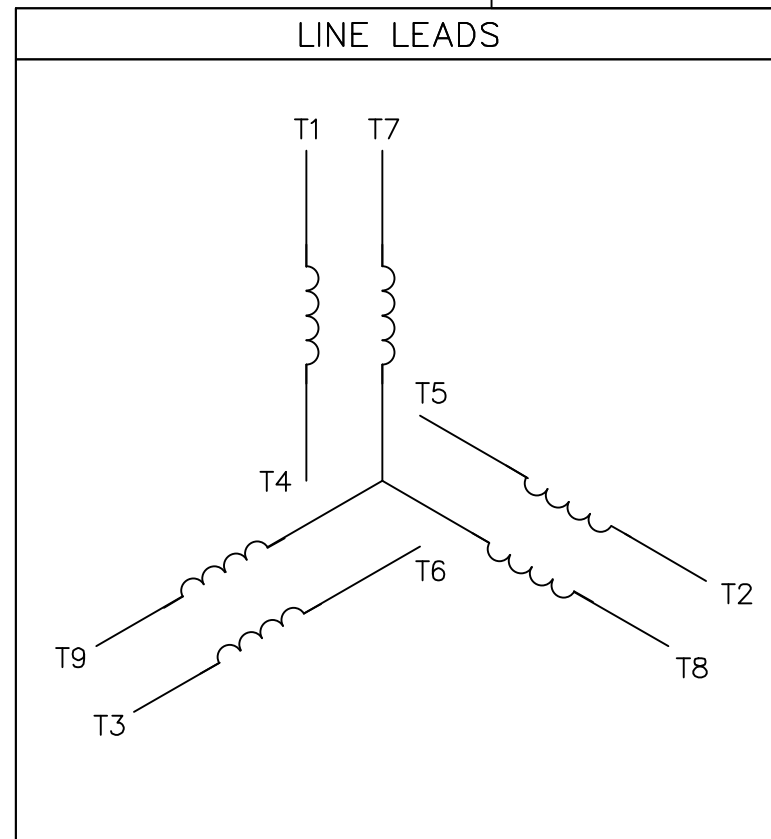
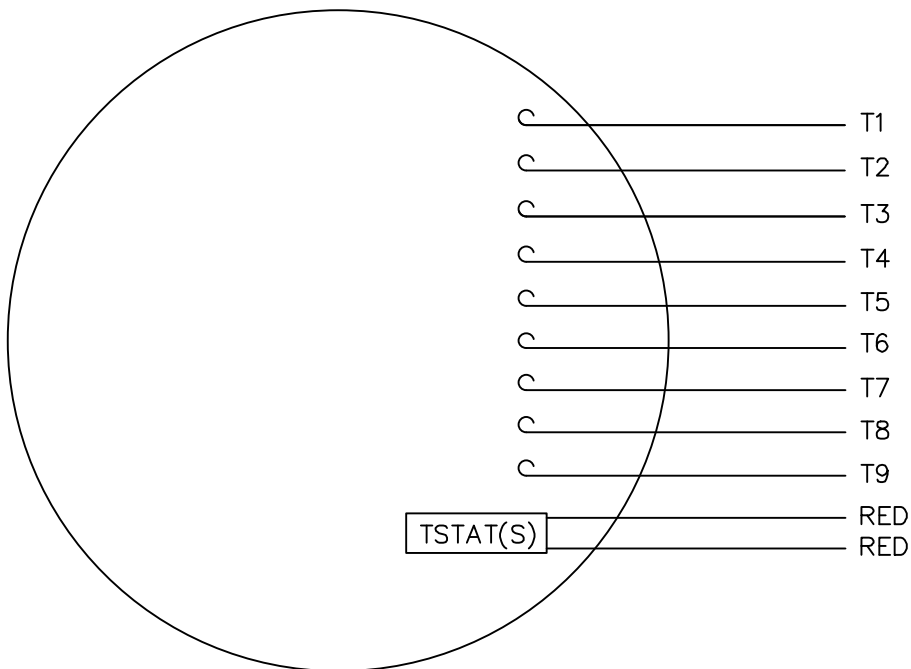
		DRAWN GR 11/27/12	
		CHK SR11/27/12	
		APPD	
		SCALE 3=8	
		REF OL132099	
		FMF	
		PREV	
		REV.	
		01	



TITLE		OUTLINE - 184TZ FRAME TEAO - RIGID	
MATERIAL			
FINISH			
CAD FILE		035940CY	
SIZE	B	DRAWING NO.	035940CY

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
				.X	±.1
				.XX	±.03
				.XXX	±.005
				.XXXX	±.0005
				ANG	±1/2'

Century

TITLE EXTERNAL WIRING DIAGRAM
3 PHASE

MAT'L. DECAL - 004014 (TSTAT) - 080582

DRAWN GR 03/14/12

CHK ST 03/14/12

APPD

SCALE 1=1

REF 00501020ME

FMF

PREV

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