

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 254TTFNA16869  
Catalog No: 254TTFNA16869  
15,1500,TEFC,254T,3/50/380

Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.  
©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E

The logo for Regal Rexnord, featuring a stylized green and blue icon followed by the text "RegalRexnord" in a bold, sans-serif font.

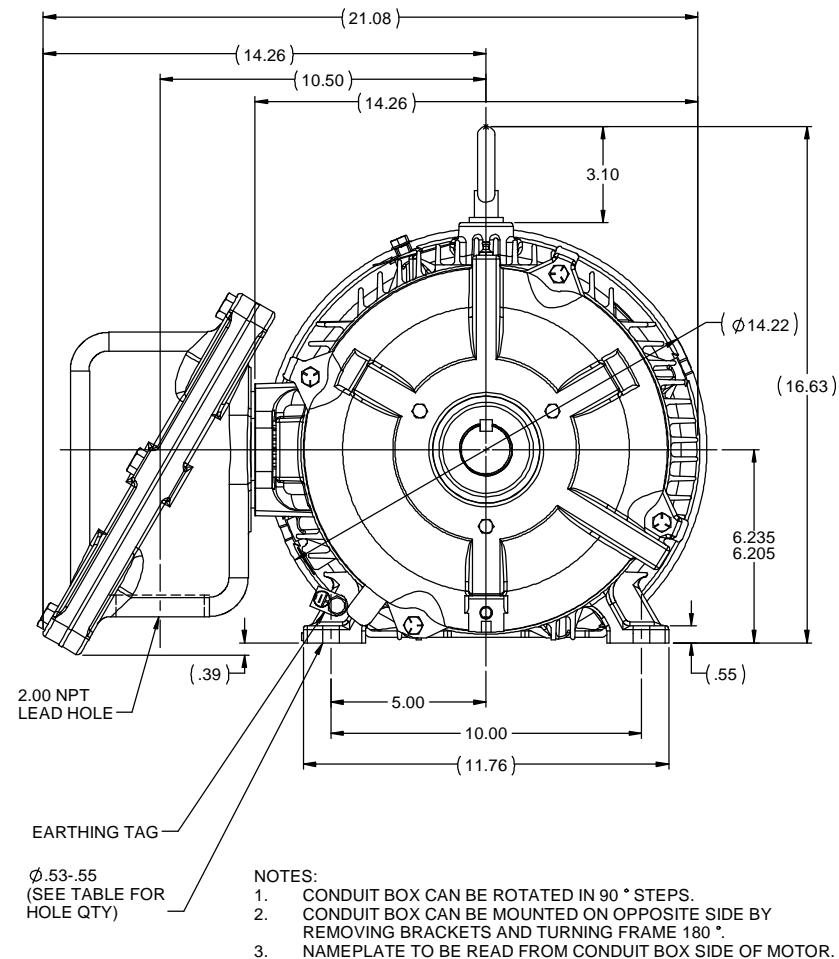
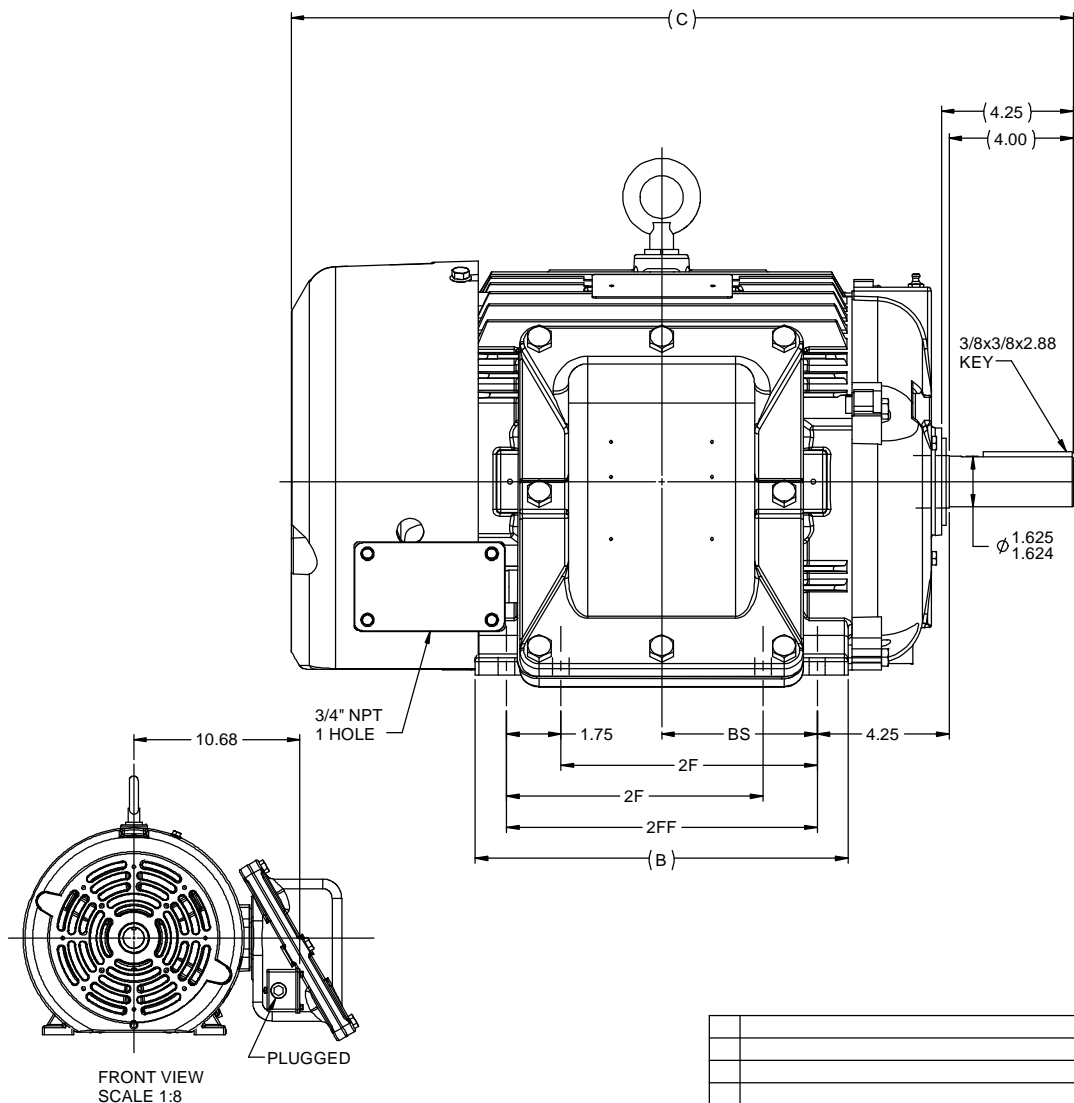
**Nameplate Specifications**

Phase	3	Output HP	15 Hp
Output KW	11.2 kW	Voltage	380 V
Speed	1470 rpm	Service Factor	1
Frame	254T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	91.5 %
Ambient Temperature	40 °C	Frequency	50 Hz
Current	23.3 A	Power Factor	80
Duty	Continuous (S1)	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
UL	No	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1	Hazardous Location	ATEX ZONE 2 / ZONE 22

**Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.517 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS208264-1050	Connection Drawing	A-EE7300S

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:08/24/2023



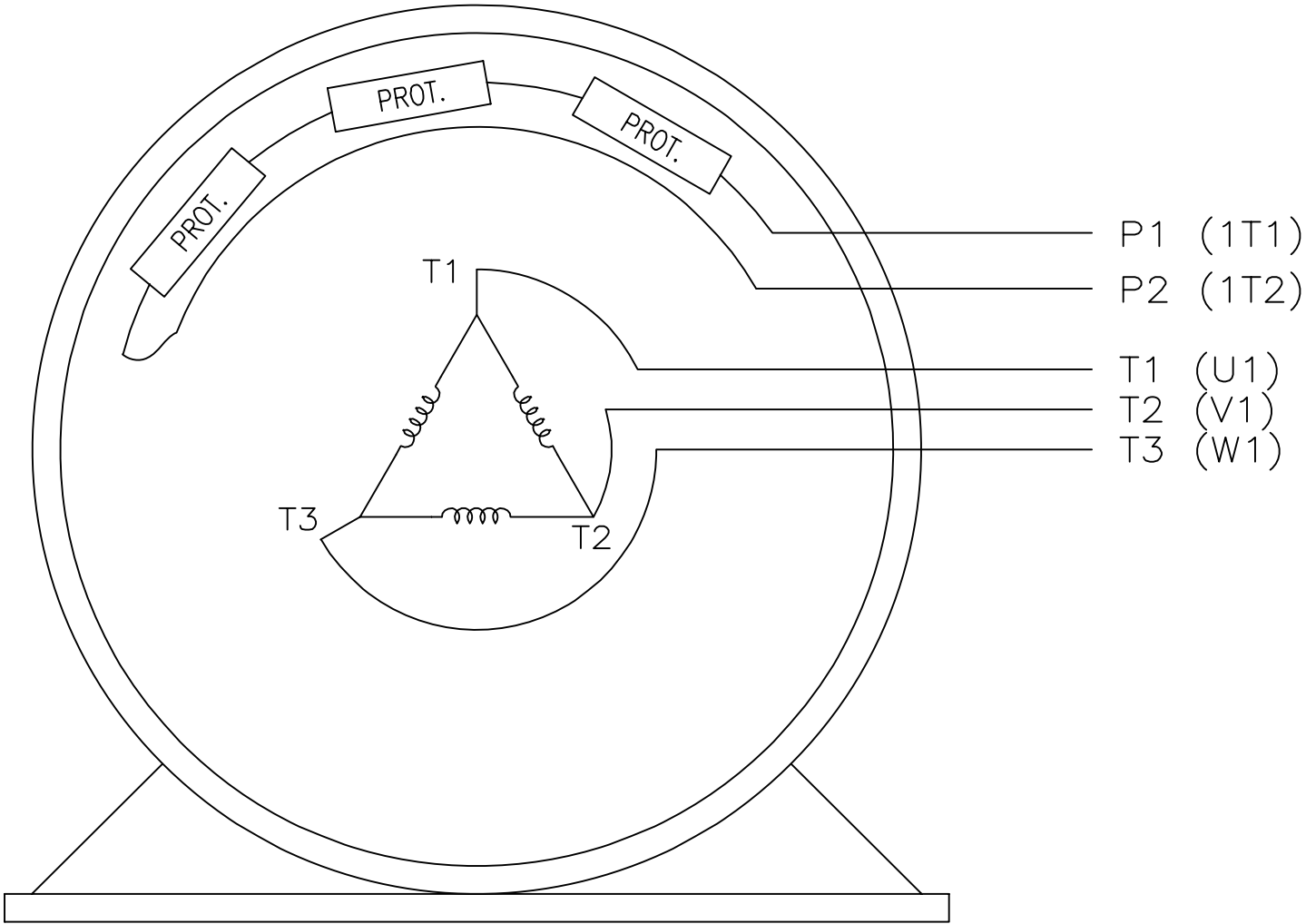
DASH	FRAME	C	B	2F	2FF	BS	--	MTG HOLES
1050	254T	23.18	10.25	8.25	--	4.12		4
1225	256T	25.18	12.00	8.25	10.00	5.00		8

				TOLERANCES UNLESS SPECIFIED		marathon electric	DRAWN REP 10-31-2011
				DEC	INCHES		
				X	±.1	TITLE OUTLINE 250T FR - BB - TS	CHK SJW 11-01-11
				XX	±.03		APPR ML 11-02-11
				XXX	±.005		SCALE 1:4
				XXXX	±.0005		REF SS208106
				CHK ANG ±7.30"	FINISH	NETWORK FILE NAME SS208264	FMF MU104806
				RFP	PREV		PAGE OF
NO				REVISION		BY & DATE	
				THIRD ANGLE PROJECTION		SIZE B	
						DRAWING NO SS208264	
						REV	

EE7300S

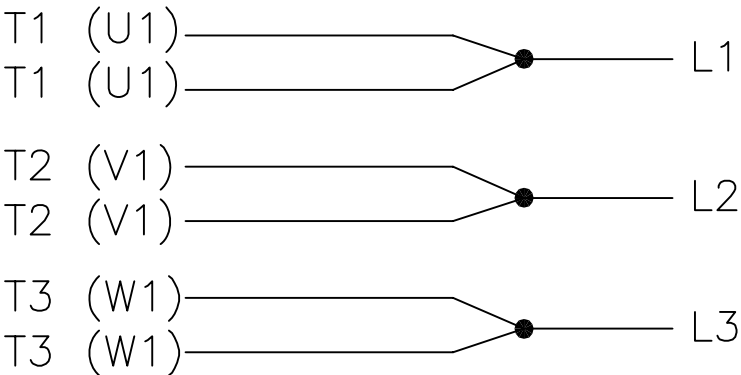
THREE PHASE – SINGLE VOLTAGE MOTOR

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO LINE  
LEAD CONNECTIONS




P1 (1T1)  
P2 (1T2)  
T1 (U1)  
T2 (V1)  
T3 (W1)

IF MOTOR HAS MULTIPLE  
T'S PER LEAD CONNECT  
TOGETHER LIKE T'S



A-9806 DECAL

VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 <b>REGAL-BELOIT CORPORATION</b>	DRAWN KL 12-15-1999		
				DEC.	INCHES		CHK DJK 12-15-1999		
F	UPDATED TITLE BLOCK	HV 02-27-2014	EWB	.X	± -		APPD DJK 12-15-1999		
3	REMOVED "N.C." FROM PROT.'S MU61770	JJB 08-02-2010		.XX	± -	TITLE CONNECTION DIAGRAM – EXTERNAL SINGLE VOLTAGE 3Ø MOTOR	SCALE 1=1		
2	ADDED IEC MARKINGS MU61770	KL 09-16-2004	EAB	.XXX	± -		REF		
1	NEW DRAWING	KL 12-16-1999		.XXXX	± -	MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	± -	FINISH	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			RFP		CAD FILE ee7300s	SIZE A	DRAWING NO. EE7300S	PAGE OF	REV. F
			DIST WA-LB-SB						