

# PRODUCT INFORMATION PACKET

Model No: 254TTFL14008  
Catalog No: U345A  
15,3600,TEFC,254JP,3/60/208-230/460  
JP



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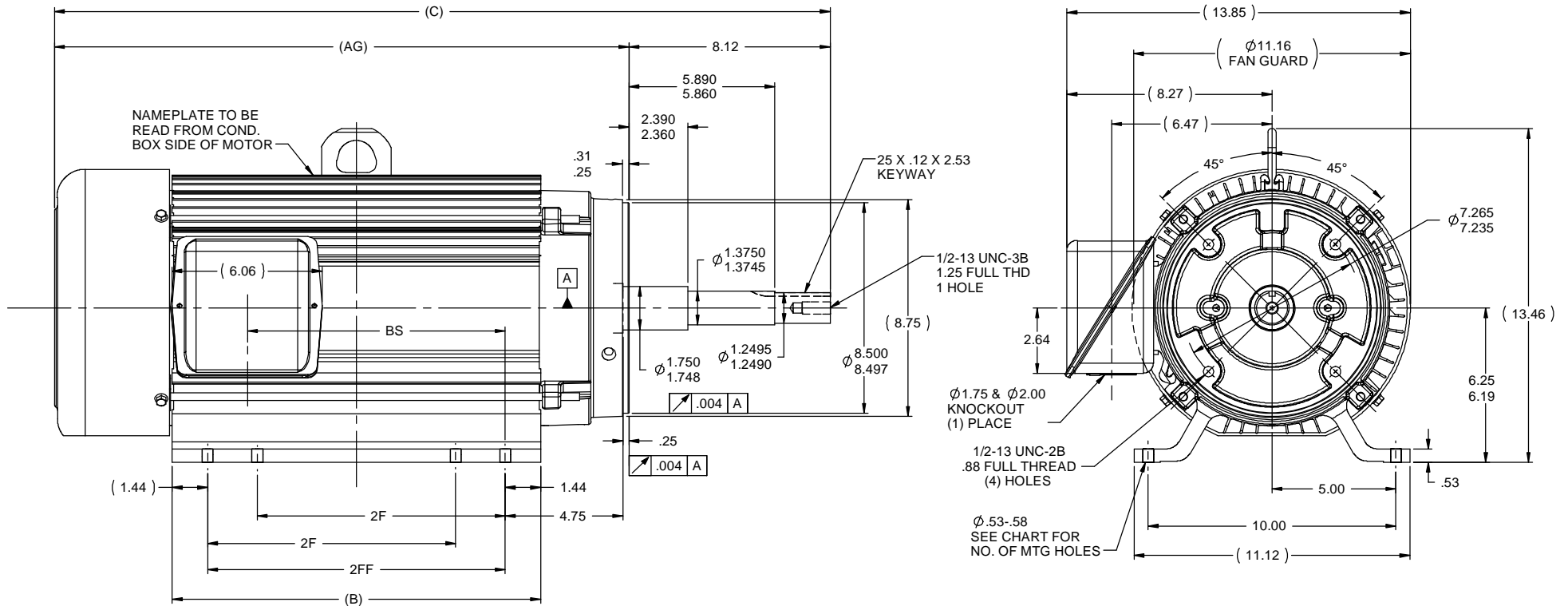


### Nameplate Specifications

Output HP	<b>15 HP</b>	Output KW	<b>11.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>35.0/17.5 A</b>	Speed	<b>3510 RPM</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>90.2 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>F</b>	Frame	<b>254JP</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6309</b>
Opp Drive End Bearing Size	<b>6207</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>43</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid Base</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Aluminum</b>	Shaft Type	<b>JP</b>
Overall Length	<b>27.55 in</b>	Frame Length	<b>11.00 in</b>
Shaft Diameter	<b>1.25 in</b>	Shaft Extension	<b>8.15 in</b>
Assembly/Box Mounting	<b>F1/F2 Capable</b>		
Outline Drawing	<b>B-SS330143-1100</b>	Connection Diagram	<b>A-EE7308</b>

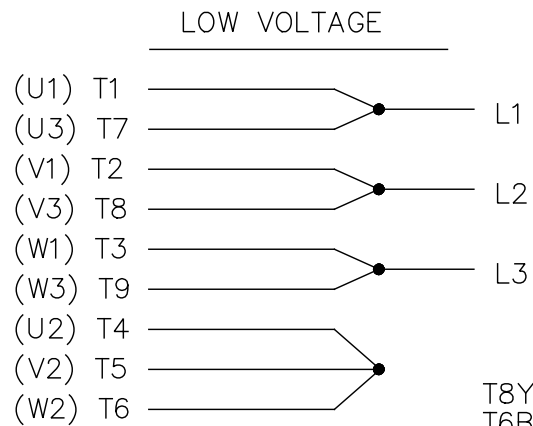
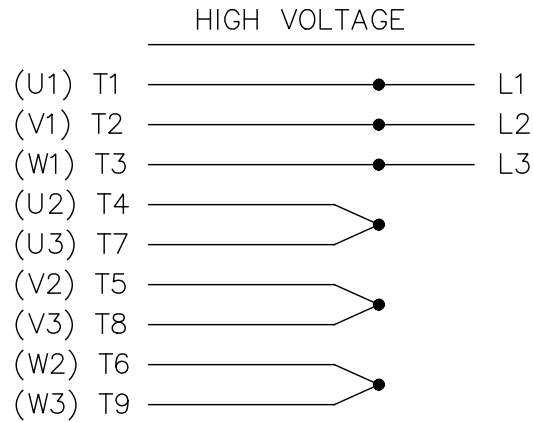


- NOTES:  
 1) BOX CAN BE ROTATED IN 180 ° STEPS  
 2) SEE CHART FOR F2 CAPABILITY. IF YES;  
 BOX CAN BE MOUNTED ON OPPOSITE SIDE BY  
 REMOVING BRACKETS AND TURNING FRAME 180 °  
 3) NAMEPLATE TO BE READ FROM CONDUIT BOX  
 SIDE OF MOTOR

DASH	FR.	C	B	2F	2FF	AG	BS	F1/F2	NO. OF MTG. HOLES	TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN			
										DEC	INCHES		DRS			
1100	254	27.55	11.12	8.25	---	19.44	6.65	YES	4				10-10-2005			
1150	254	28.05	11.67	8.25	---	19.94	7.15	NO	4				ML 10-11-2005			
1275	254	29.30	12.87	8.25	10.00	21.19	8.40	YES	8	.XX	±.03	TITLE	LMC 10-11-2005			
1275	256	29.30	12.87	10.00	---	21.19	8.40	YES	4	.XXX	±.005	OUTLINE - C'FACE	SCALE 1:4			
1325	254	29.80	13.37	8.25	10.00	21.69	8.90	YES	8	.XXXX	±.0005	210 FR. - 254/256 MTG - AL FRAME - TEFC	REF			
1325	256	29.80	13.37	10.00	---	21.69	8.90	NO	4	NO		MATL	FMF CN 38976			
1475	256	31.30	14.87	10.00	---	23.19	10.40	YES	8	NO		FINISH	PREV SS330112			
1 ADDED "2FF" COL. & DEL. FT HOLE DIM (1.44) CN 40215										JJB	07/10/2008	ML	XXXX	±.0005	MATL	
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										CHK	ANG	±7'30"	FINISH			
										RFP	10-11-2005	CAD FILE	SS330143	SIZE	DRAWING NO	REV
										DIST				B	SS330143	1

EE7308

THREE PHASE  
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.  
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G  
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD  
CONNECTION

L1 — WHITE  
L2 — RED  
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		TITLE CONNECTION DIAGRAM	SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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							DIST WP					

