

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 256TTDX7263  
Catalog No: Y457  
10,1800/1200,DP,256T,3/60/200-230  
Other Purpose



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**REGAL**<sup>®</sup>



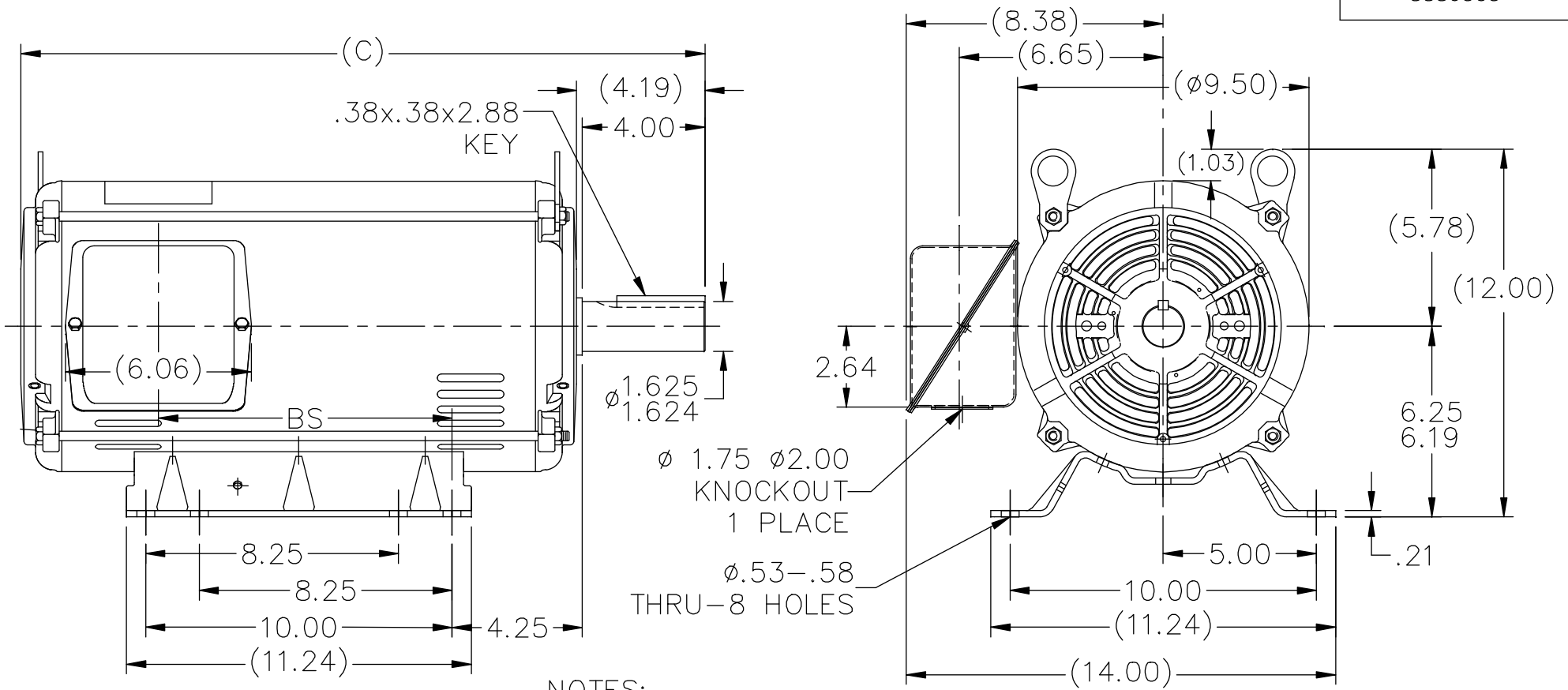
### Nameplate Specifications

Output HP	<b>10,4.44 Hp</b>	Output KW	<b>7.5 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>200-230 V</b>
Current	<b>28-26,15-14 A</b>	Speed	<b>1770,1175 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>88.5 %</b>	Duty	<b>Continous</b>
Insulation Class	<b>B</b>	Design Code	<b>2VT</b>
KVA Code	<b>M</b>	Frame	<b>256T</b>
Enclosure	<b>Drip Proof</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>6208</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>12</b>		

### Technical Specifications

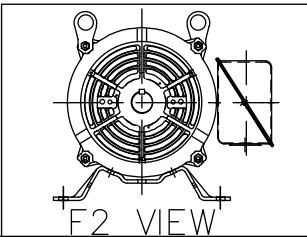
Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4//6</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>T</b>
Overall Length	<b>22.32 in</b>	Frame Length	<b>15.45 in</b>
Shaft Diameter	<b>1.625 in</b>	Shaft Extension	<b>4.19 in</b>
Assembly/Box Mounting	<b>F1/F2 Capable</b>		
Outline Drawing	<b>A-SS86503-1545</b>	Connection Diagram	<b>A-EE7317</b>

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NOTES:

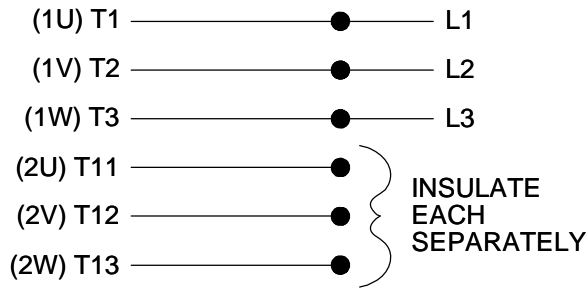
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)
4. F2 MOUNT -USES 2ND HOLE ON 1370 FRAME.



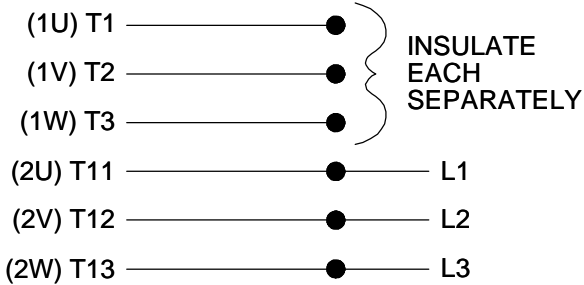
DASH	FR.	C	BS	MOUNTING
1370	254T	20.57	7.68	F1 OR F2
1545	254T/256T	22.32	9.43	F1 OR F2

NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN SMC 04-22-1993				
						DEC.	INCHES						
8	ADDED F2 VIEW	UD 11/13/13	GR						CHK MOL 04-23-1993				
7	UPDATED DRAWING	TJW 04/27/2007							APPD DRN 09-13-1993				
6	REDRAWN IN AUTOCAD	TAT 05-19-2005	ML	.X	±.1				SCALE 1=5				
5	UPDATED CONDUIT BOX CN 28427	TJB 01-31-2000		.XX	±.03			TITLE OUTLINE	REF				
4	ADDED NOTE #4 FOR F2 MOUNT CN 24000-581	MH 06-10-1997		.XXX	±.005			250 FR. - BB - DR.PR.	FMF				
3	DASH 1545 WAS FOR 256T FR. ONLY CN 18683	KL 09-12-1994		.XXXX	±.0005			MAT'L.	PREV				
								FINISH					
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	ss86503	SIZE	DRAWING NO.	PAGE	OF	REV.
						DIST	LB		A	SS86503			8

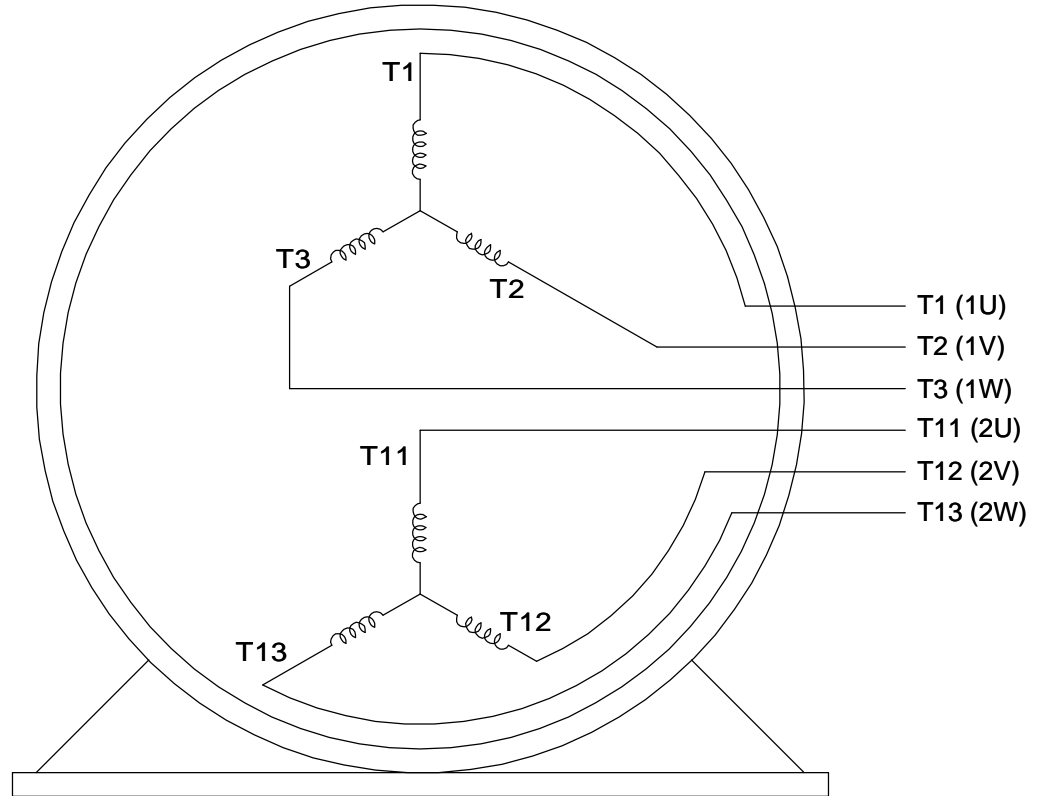
LOW SPEED



HIGHSPEED



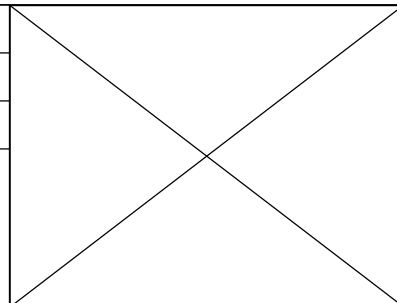
**THREE PHASE, SINGLE VOLT, 6 LEAD  
2 SPEED REVERSIBLE MOTOR**





VIEW OF TERMINAL END

TO REVERSE ROTATION ON  
EITHER SPEED: INTERCHANGE  
ANY 2 LEADS ON THE  
WINDING IN USE.

DRAWING REVISION <b>C</b>	REVISION BY <b>JJB</b>	DATE <b>10-25-2017</b>
ECO <b>ECO-0132917</b>	APPROVED BY <b>TLB</b>	DATE <b>10-30-2017</b>
ECO DESCRIPTION <b>REVISED PER ECO &amp; UPDATED TO STANDARDS</b>		
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DRAWN BY <b>LZ</b>	 <b>Regal Beloit America, Inc.</b>	
DATE <b>01-05-1994</b>		
APPROVED BY <b>GK</b>	DESCRIPTION <b>CONN DIAGRAM-INTERNAL</b>	
DATE <b>01-17-1994</b>	<b>3 PHASE - SINGLE - 2 SPEED REVERSIBLE</b>	
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE <b>A</b>	DRAWING NUMBER <b>EE7317</b>
		SHEET <b>1 OF 1</b>

