

# PRODUCT INFORMATION PACKET

marathon®  
Motors

Model No: 213TTDW4054

Catalog No: U430

Other Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,  
213T Frame, DP



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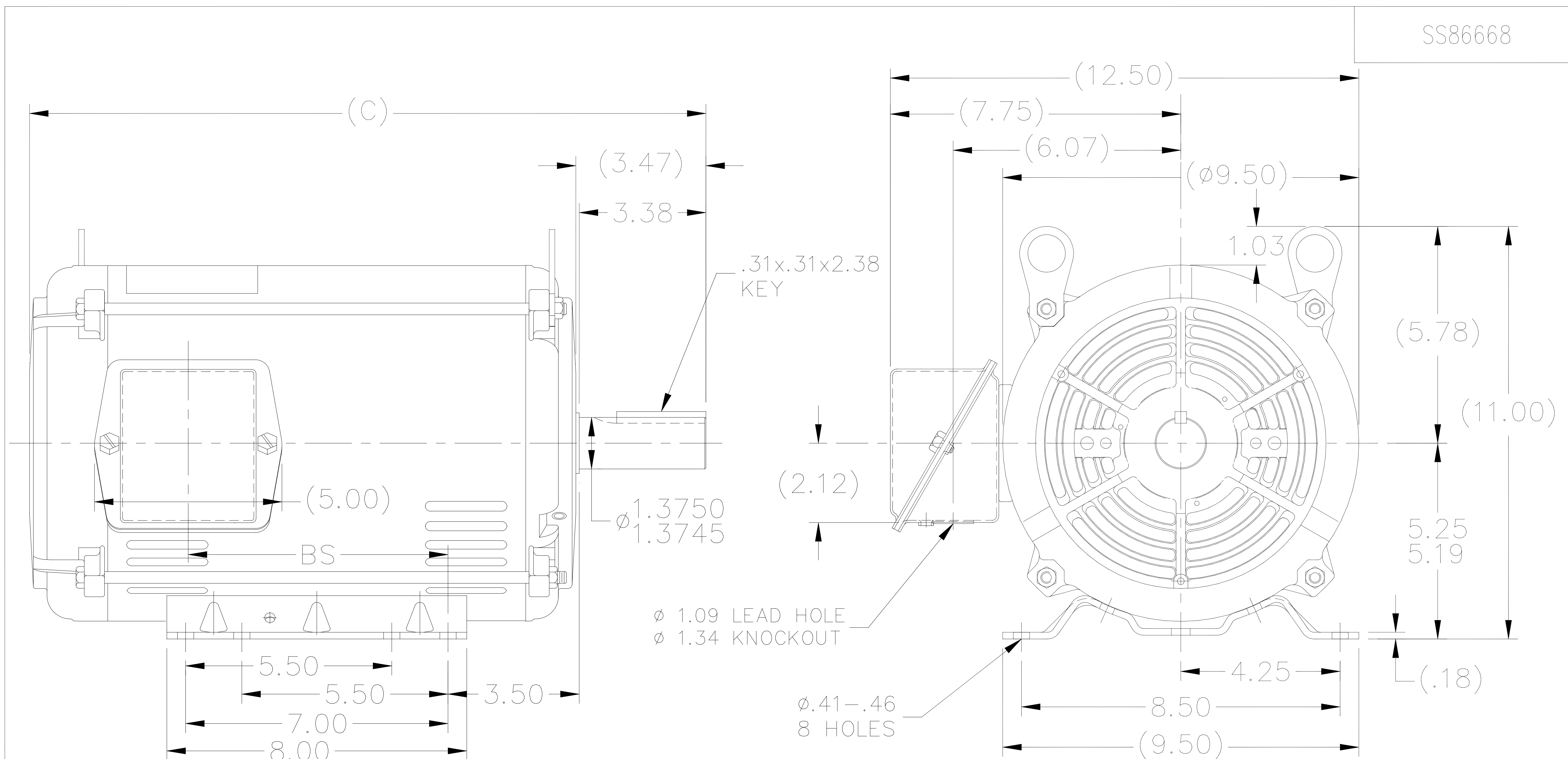
### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>7.50 &amp; 5 Hp</b>
Output KW	<b>5.6 &amp; 3.7 kW</b>	Voltage	<b>208-230/460 &amp; 190/380 V</b>
Speed	<b>1760 &amp; 1470 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>213T</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>Automatic</b>	Efficiency	<b>88.5 &amp; 88.5 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>21-19.2/9.6 &amp; 16/8 A</b>	Power Factor	<b>82</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>B</b>	KVA Code	<b>H</b>
Drive End Bearing Size	<b>6307</b>	Opp Drive End Bearing Size	<b>6206</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>22</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>1.6 Ohms</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>18.04 in</b>
Frame Length	<b>11.15 in</b>	Shaft Diameter	<b>1.375 in</b>
Shaft Extension	<b>3.38 in</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Outline Drawing	<b>A-SS86668-1115</b>	Connection Drawing	<b>A-EE7335</b>

SS86668



DASH	FR.	C	BS	MOUNTING
965	213T	16.54	5.43	
1115	213/15T	18.04	6.93	
1240	213/15T	19.29	8.18	F1 ONLY
1545	215T	22.34	11.23	F1 ONLY

- 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.)

06-22-2004

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.	DRAWN MRB 04-03-1997						
				DEC.	INCHES		CHK	ML	PAGE	OF	REV.		
				.X	±.1		APPD	GK	04-04-1997				
3	TITLE BLOCK CHANGE PER ECO-0078542	MDV 06/09/2015		.XX	±.03	TITLE OUTLINE	SCALE		1=4				
2	UPDATED C'BOX GEOMETRY CN 28425	BJW 03-24-2000		.XXX	±.005	210T FR. - BB - TS - DR.PR.	REF						
1	NEW DRAWING	MRB 04-04-1997		.XXXX	±.0005	MAT'L.	FMF						
				ANG	±7'30"	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 SS86668	SIZE	DRAWING NO.	PAGE	OF	REV.		
				DIST	LB		A	SS86668			3		

