

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 056C17D2101  
Catalog No: X601  
1/3,1725,DP,56Z,1/60/115/230  
Other Purpose



Regal and Marathon are trademarks of Regal Beloit Corporation or one of its affiliated companies.  
©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E

**REGAL**<sup>®</sup>



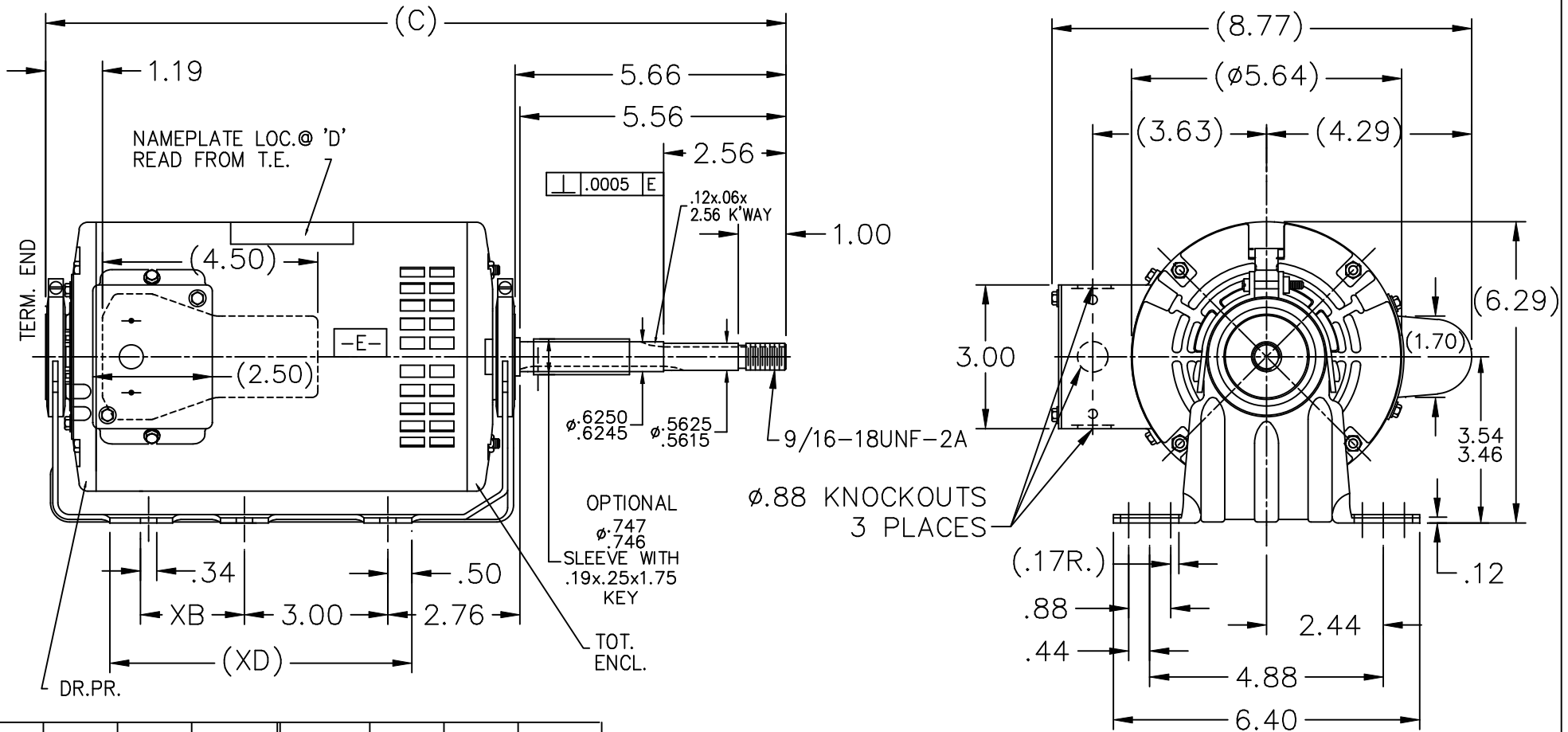
### Nameplate Specifications

Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>5.8/2.8-2.9 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.35</b>	Phase	<b>1</b>
Efficiency	<b>62 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>NO DESIGN CODE</b>
KVA Code	<b>K</b>	Frame	<b>56Z</b>
Enclosure	<b>Drip Proof</b>	Overload Protector	<b>Automatic</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>22</b>		

### Technical Specifications

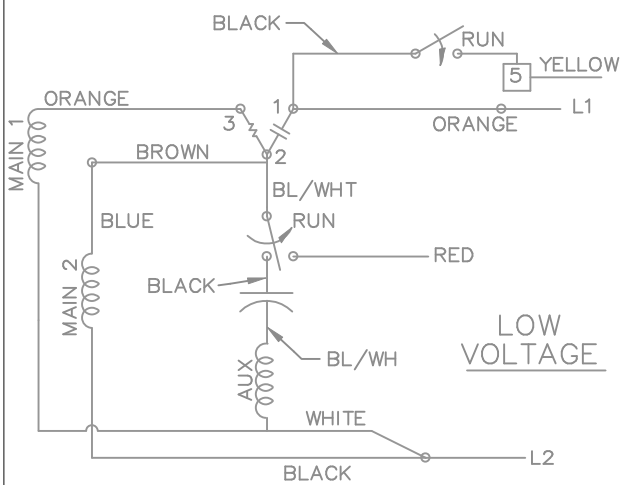
Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Fixed Counterclockwise</b>
Mounting	<b>Resilient Base</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>Single Special Extension</b>
Overall Length	<b>14.41 in</b>	Frame Length	<b>6.75 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>5.66 in</b>
Assembly/Box Mounting	<b>F1 Only</b>		
Outline Drawing	<b>A-SS400109-675</b>	Connection Diagram	<b>A-EE9104A</b>

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 06/29/2018

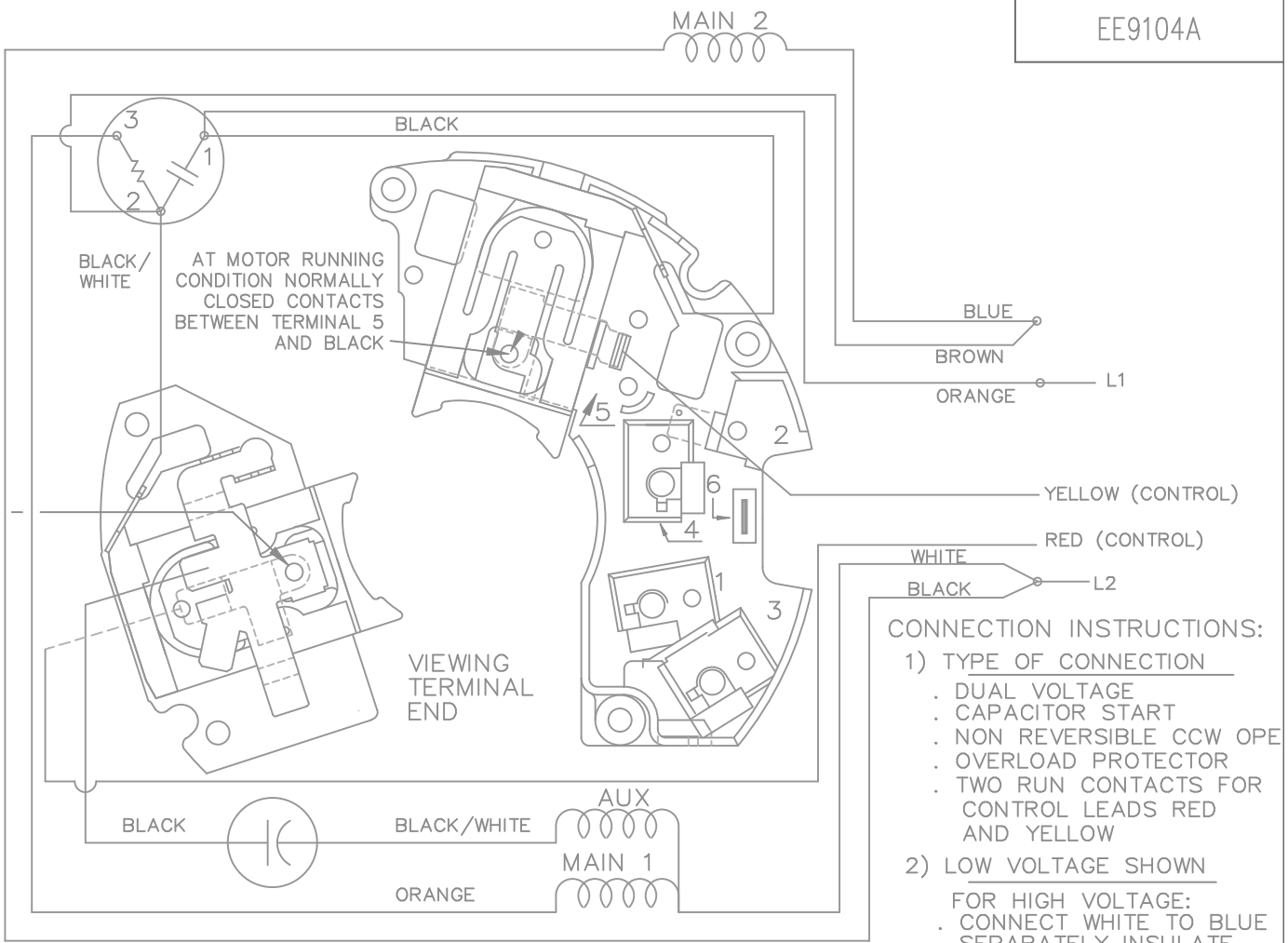
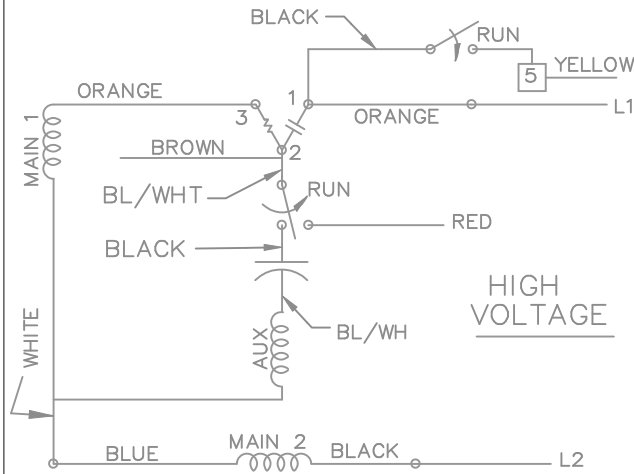


DASH	XB	XD	C	DASH	XB	XD	C
625	0	4.81	13.91	725	2.00	5.81	14.91
650	0	5.06	14.16	750	2.00	6.06	15.16
675	0	5.31	14.41	775	2.00	6.31	15.41
700	2.00	5.56	14.66				

				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN MRB 04/24/1995					
				DEC.	INCHES		CHK	ML	04/25/1995			
4	CHANGED CONDUIT BOX PER CN39440-6	TJW		.X	±.1	TITLE OUTLINE 48/56 FR. RESILIENT BASE SPL EXT. STOCK LAUNDRY MOTOR	APPD	GK	04/25/1995	SCALE	5=16	
3	CHANGED C'BOX PER CN39440-5	TJW 9/5/2006	ML	.XX	±.03		REF	SS73788				
2	REVISED ODE BRACKET AND SHAFT EXT. CN 37313	RDH 12-08-2003	JET	.XXX	±.005		FMF	CN 37313				
1	NEW DRAWING	4274145 MRB 05/01/1995	ML	.XXXX	±.0005		PREV					
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	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	ss400109	SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST	WP	A	SS400109				4	



AT MOTOR RUNNING CONDITION CONTACTS ARE:  
 . NORMALLY CLOSED BETWEEN PROTECTOR AND RED JUMPER  
 . NORMALLY OPEN BETWEEN PROTECTOR AND CAPACITOR



**CCW ROTATION—LEAD END**

NOTE:  
 DASH LINES INDICATE LEADS CONNECTED TO MOTOR SIDE OF SWITCH.

- CONNECTION INSTRUCTIONS:**
- 1) TYPE OF CONNECTION**
    - . DUAL VOLTAGE
    - . CAPACITOR START
    - . NON REVERSIBLE CCW OPE
    - . OVERLOAD PROTECTOR
    - . TWO RUN CONTACTS FOR CONTROL LEADS RED AND YELLOW
  - 2) LOW VOLTAGE SHOWN**
    - FOR HIGH VOLTAGE:
    - . CONNECT WHITE TO BLUE
    - . SEPARATELY INSULATE BROWN
  - 3) CAUTION**
    - . LINE VOLTAGE APPEARS BETWEEN L2 AND YELLOW AND RED LEADS WHEN MOTOR IS AT RUNNING SPEED

				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT <i>Motor Technologies Group</i>	DRAWN	
				DEC.	INCHES		MKLEIST	09-22-03
				.X	±.1	<b>TITLE</b> CONNECTION DIAGRAM 48 FRAME DUAL VOLTAGE (REPLACES A-EE9061J)	CHK	ML 09-25-03
				.XX	±.02		APPD	DN 09-25-03
2	REVISED TO MATCH WINDING DIAGRAM CN 37313	RDH 12-18-2003	JET	.XXX	±.005		SCALE	1=1
1	NEW DRAWING	MJK 09/22/2003		.XXXX	±.0005		REF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	MAT'L.	FMF	
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		FINISH	PREV	
				DIST		CAD FILE ee9104a	SIZE A	DRAWING NO. EE9104A
							PAGE OF	REV. 2

