

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 056C17D15557  
Catalog No: 056C17D15557  
1/2,1725,DP,56,1/60/115/230

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The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.

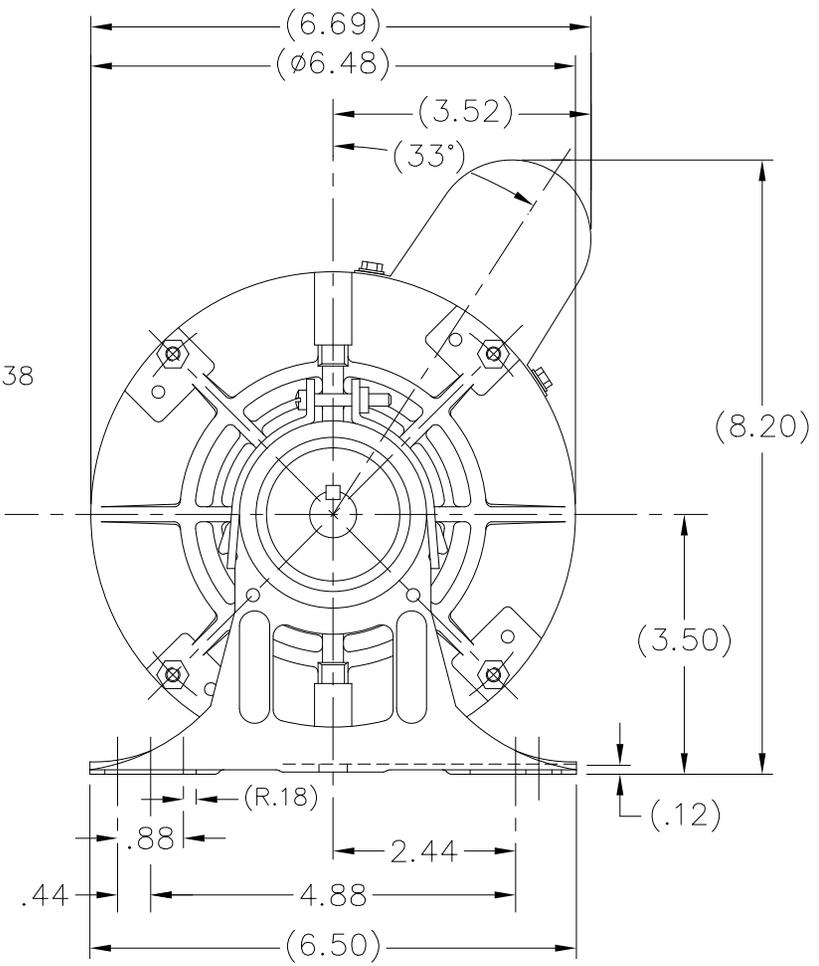
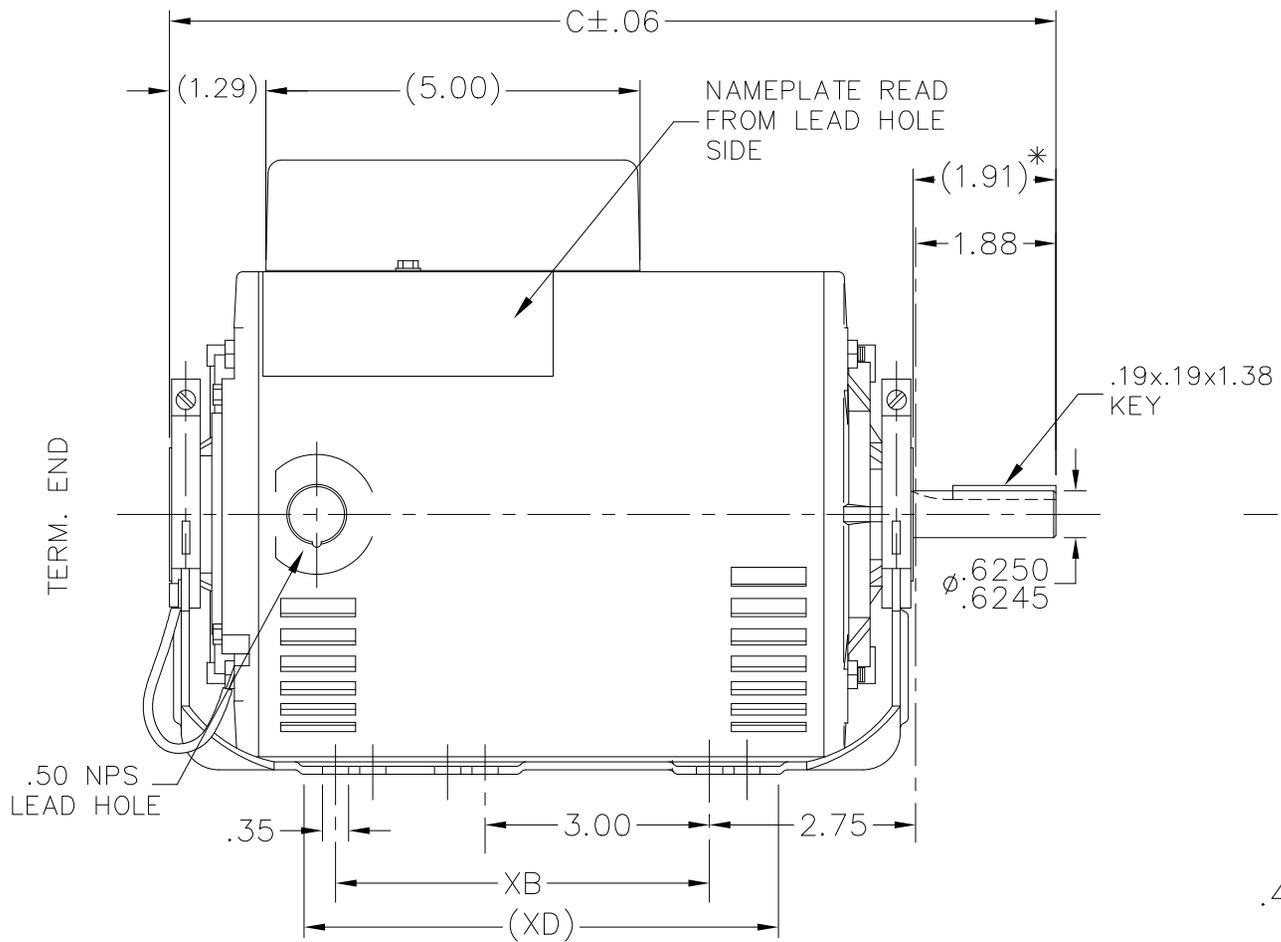
## Nameplate Specifications

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 KW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>10.8/5.4 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.5</b>	Phase	<b>1</b>
Efficiency	<b>62 %</b>	Power Factor	<b>49</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>N</b>	KVA Code	<b>P</b>
Frame	<b>56</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<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>Y</b>	IP Code	<b>22</b>
Number of Speeds	<b>1</b>		

## Technical Specifications

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Resistance Main	<b>0 Ohms</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>T</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Connection Drawing	<b>A-102005-2</b>	Outline Drawing	<b>A-100121-656</b>

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\* DIMENSION IS FROM RESILIENT RING END CAP TO END OF SHAFT

- NOTES:  
 1. MOTOR MUST BE ROTATED TO PROVIDE SOCKET CLEARANCE FOR GROUND SCREW, MAXIMUM (20 DEGREES).

DASH	FRAME	C	XB	XD
656	56-	10.85	0	5.50
706	56-	11.35	0	6.00
756	"-	11.85	5.00	6.50
856	"-	12.85	5.00	6.50

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
9	UPDATED NOTE FROM 10° TO 20° PER ECR-0224142	RAJ 2/28/23	NS	DEC.	INCHES
8	ADDED DASH 6 IN THE REFERENCE TABLE	SVL 12/14/2005	AT	.X	±.1
7	REDRAWN IN AUTOCAD	TAT 09-01-2004	ML	.XX	±.03
6	ADDED NOTE CN 24378	PGK 06-09-1997		.XXX	±.005
5	REDRAWN ON CADD	PGK 01-16-1997		.XXXX	±.0005
				ANG	±7'30"



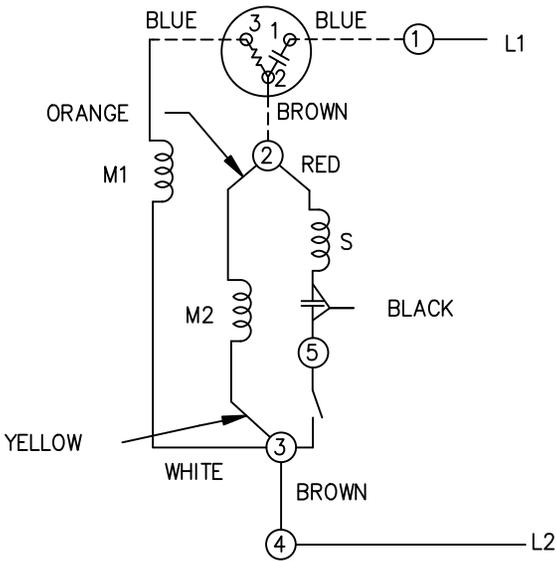
TITLE OUTLINE  
 56FR. - 1ø-BB-DR.PR.-RESIL. MT.  
 MAT'L.  
 FINISH

DRAWN	PGK 12-16-1996
CHK	ML 01-16-1997
APPD	GK 01-16-1997
SCALE	3=8
REF	
FMF	
PREV	

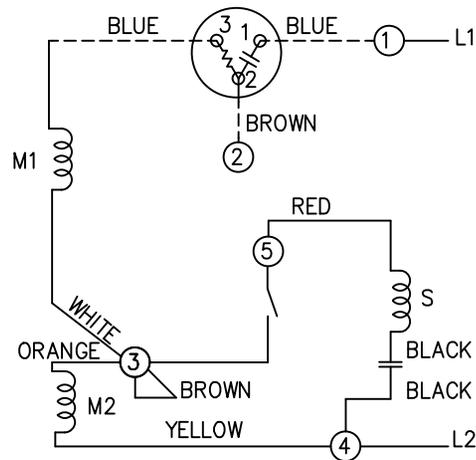
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RFP	CAD FILE 100121	SIZE	DRAWING NO.	PAGE 1 OF 1	REV.
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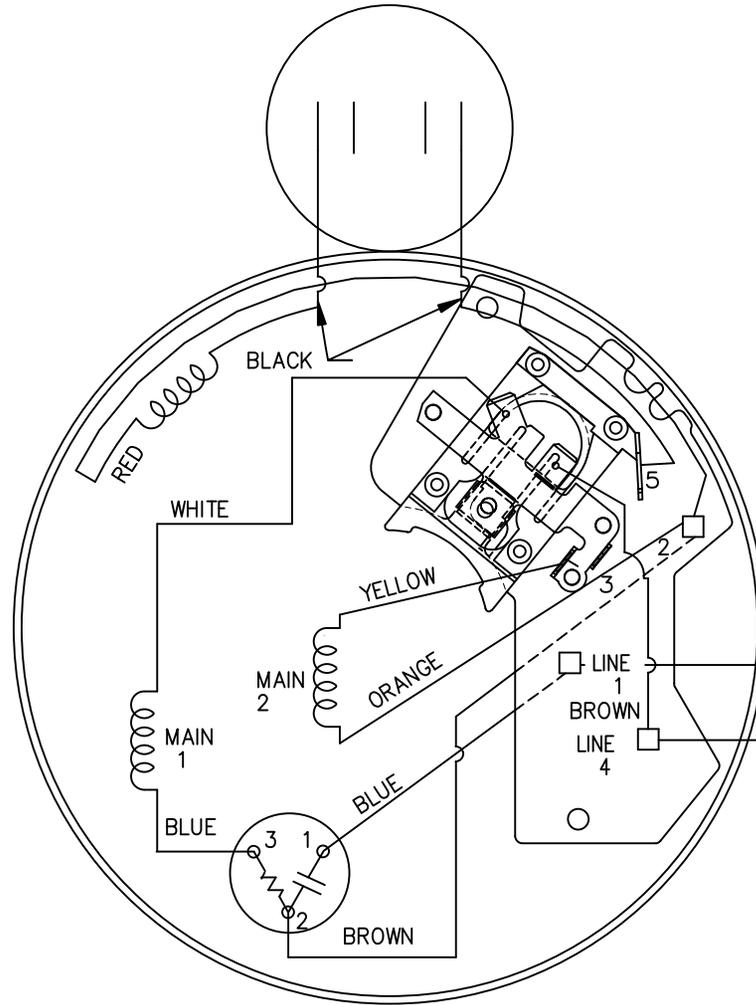
LOW VOLTAGE - C.C.W.



HIGH VOLTAGE - C.C.W.



VIEWING TERM END

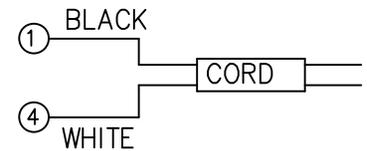


102005-2

DUAL VOLTAGE CAPACITOR START OVERLOAD SELECT ROT.

LOW VOLTAGE C.C.W. ROTATION SHOWN. TO REVERSE INTERCHANGE RED WITH BLACK LEAD ON TERMS 2 AND 5.

FOR HIGH VOLTAGE C.C.W. ROT. FIRST REMOVE BROWN JUMPER FROM TERM. 4 AND ATTACH TO TERM.3 AND CONNECT YELLOW LEAD TO TERM.4 AND ORANGE LEAD TO TERM 3. CONNECT RED LEAD TO TERM #5 AND BLACK LEAD FROM TERM #5 TO TERM #4. TO REVERSE INTERCHANGE RED WITH BLACK LEAD ON TERMS 5 AND 4.



CONNECTION FOR CORD

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	FINISH	REGAL-BELOIT <i>Motor Technologies Group</i>		DRAWN PGK 06-20-1996	
11	ADD NOTE ISAAC 10-3333	TF 9/27/2010	DEC.	INCHES			TITLE CONNECTION DIAGRAM		CHK MRB 07-18-1996	
10	UPDATED WIRING HARNESS CONNECTIONS CN 32007	DRS 01-14-2003	ML	.X	±.1	SCALE 5=8				
9	ADDED CONNECTION FOR WIRING HARNESS	KJC 12-17-2002	SAS	.XX	±.03	MAT'L.		APPD GK 07-18-1996		
8	RE-ISSUE FOR CLARITY	PGK 08-21-1996		.XXX	±.005	REF				
7	REDRAWN ON CADD, NO CHANGES	PGK 07-18-1996		.XXXX	±.0005	FMF				
					±7'30"	PREV				
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						DIST				REV. 11

## EC Declaration of Conformity

The undersigned representing  
the manufacturer:

Regal Beloit America  
100 East Randolph St.  
Wausau, WI 54401

and the authorized representative  
established within the Community:

Marathon Electric UK  
6F Thistleton Road Ind. Estate  
Market Overton  
Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 056C17D15557

(Model No. may contain prefix and/or suffix characters)

Catalog No : 056C17D15557

Rework No : N/A

Directives :

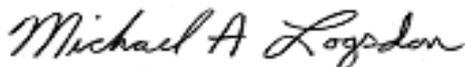
Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Michael A. Logsdon  
Vice President, Technology

Authorized Representative in the Community:



Julian Clark  
Marketing Engineer

Created on 09/01/2022

**CE 22**