

PRODUCT INFORMATION PACKET



Model No: M56B17DRR70014A3A

Catalog No: E119855.00

3/4HP..1725RPM.56.DP.115/230V.1PH.60HZ.CONT.40C.1.25SF.RIGID.....GENERAL
PURPOSE.MANUAL.....

Open Drip Proof (ODP)



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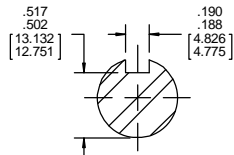
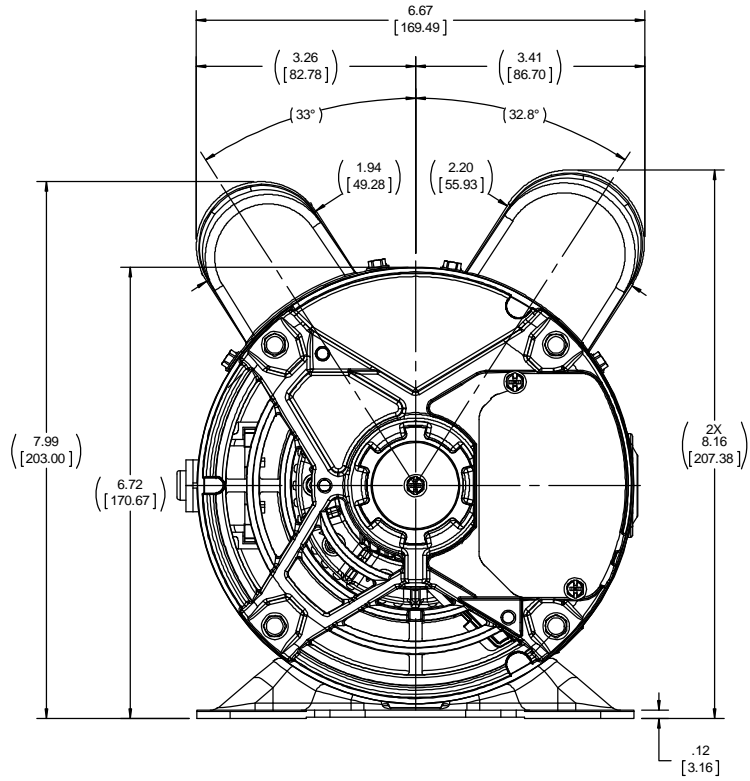
Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	6.6/3.5-3.3 A	Speed	1725 rpm
Service Factor	1.25	Phase	1
Efficiency	81.8 %	Duty	Continuous
Insulation Class	B	Design Code	N
KVA Code	L	Frame	56
Enclosure	Drip Proof	Overload Protector	Manual
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

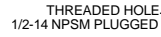
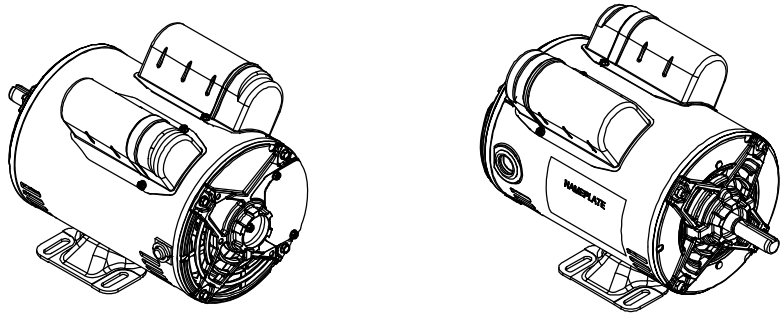
Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	12.49 in	Frame Length	8.15 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	OL56100197-001	Connection Diagram	CDBD108

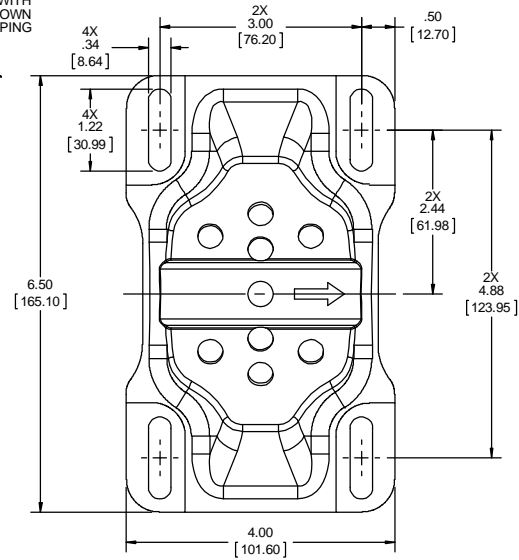
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SECTION A-A



KEY TO BE SECURE-
TO NAMEPLATE WITH
TAPE AS SHOWN
PRIOR TO SHIPPING



DRAWING REVISION B		REVISION BY J. JOHNS		DATE 8/11/2017		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWN BY D. VALENCIANO		 Regal Beloit America, Inc.			
ECO ECO10217443		APPROVED BY P. ROJAS		DATE 8/11/2017		DEC. INCH. mm ANGLE X ±0.1 [0.76] B-2.5] 50.5° .XX ±0.01 [0.25] .XXX ±0.005 [0.127]		DATE 11-19-2016		DESCRIPTION		OUTLINE 56FR.00P, 1-PHASE RIGID	
ECO DESCRIPTION REVISD NOTE C3, ADDED "PLUGGED" COPYRIGHT REGAL, BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION. THIS DOCUMENT IS THE PROPERTY OF REGAL, BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, COMPANY OR OTHER FIRM THAT RECEIVES IT OR CREATES, BY RECEIVING IT, TO AGREE THAT IT AND ANY PART OF IT, SHALL NOT BE DISCLOSED OR ANY PERSON, COMPANY OR OTHER ENTITY, SUBSIDIARIZED, AND/OR REPRODUCED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST AND BE SUBJECT TO THE FOLLOWING RESTRICTIONS UNDER APPLICABLE AND GOVERNING CONTRACT LAWS AND REGULATION.						XXXX ±0.005 [0.127] REMOVE BURRS & BING SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R .02 [51] MACHINED SURFACES: .002 INCH/ 3/2 mv		DATE 11-19-2016		MATERIAL		PROCESS/FINISH	
mm SHOWN IN [BRACKETS]						THIRD ANGLE PROJECTION				SIZE C DRAWING NUMBER OL56100197-001		SHEET 1 OF 1	

4

3

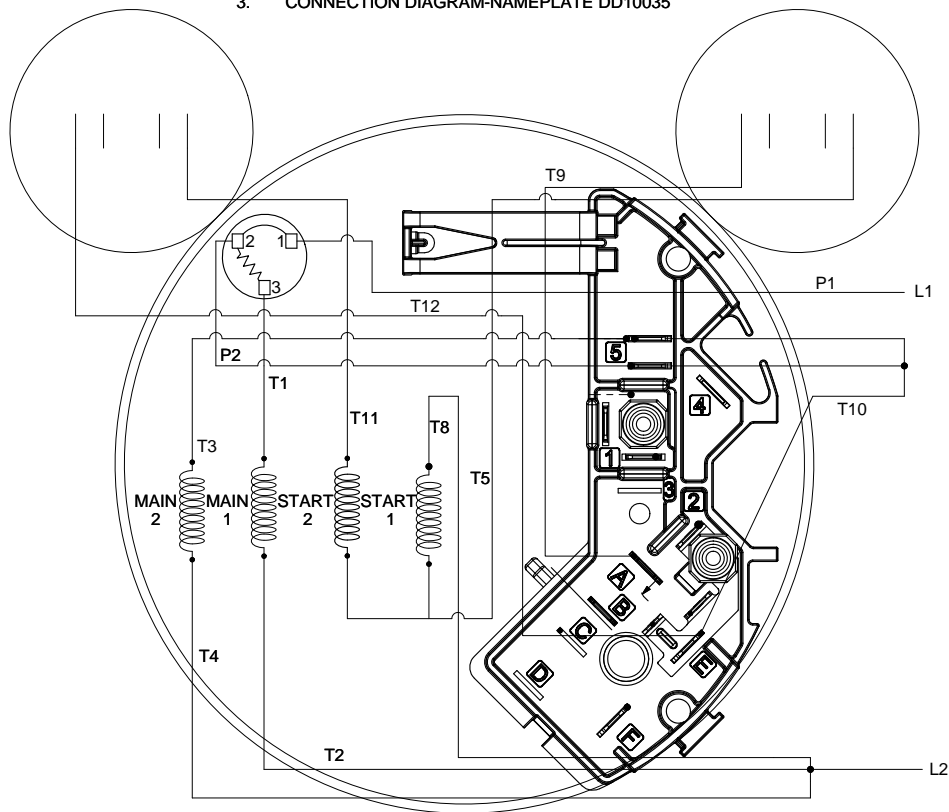
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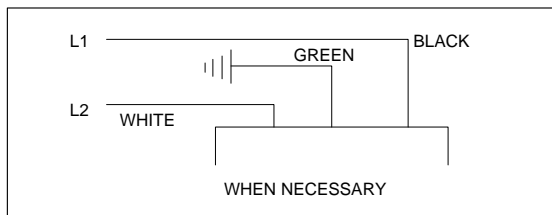
1

NOTE:

1. TO REVERSE ROTATION, INTERCHANGE T8 & T10.
2. TERMINAL BOARD ASSY 10003284-001-001
3. CONNECTION DIAGRAM-NAMEPLATE DD10035



CW ROTATION CAP START CAP RUN DUAL VOLTAGE



4

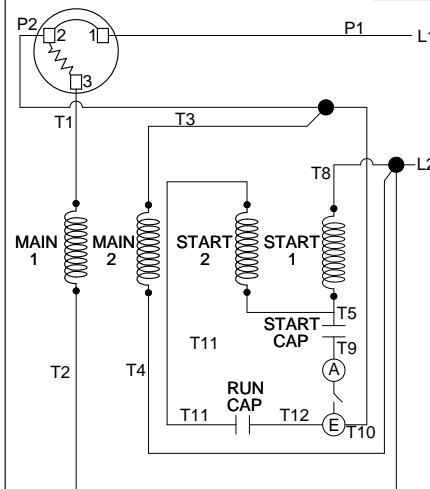
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2

1

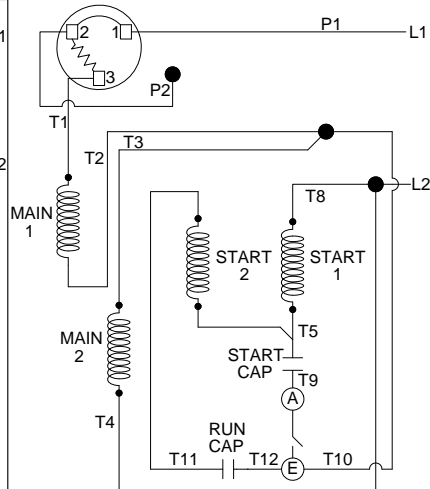
CW LOW VOLTAGE

-001



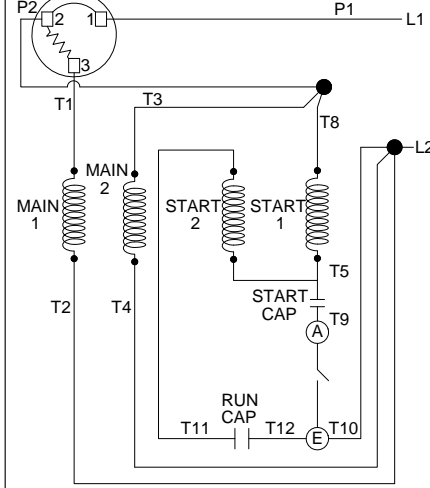
CW HIGH VOLTAGE

-002



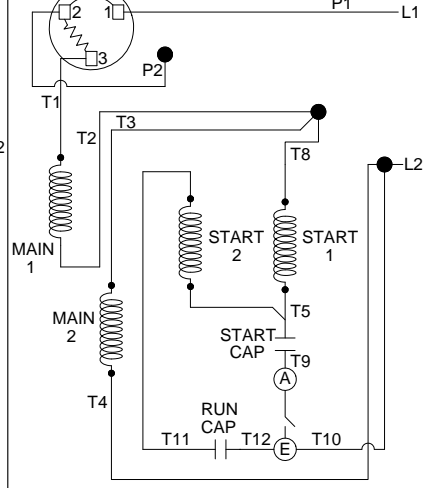
CCW LOW VOLTAGE

-003



CCW HIGH VOLTAGE

-004



DRAWING REVISION B	REVISION BY R.KAESTNER	DATE 11-03-2016
ECO ECO-0112482	APPROVED BY S.LALSARE	DATE 11-03-2016
ECO DESCRIPTION ADD VIEW SHOWING GROUND WIRE		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [.076/.381]			
CORNER FILLETS: .02 [.51]			
MACHINED SURFACES: 125/3.2			
mm SHOWN IN [BRACKETS]			

DRAWN BY G. RODRIGUEZ	DATE 09-30-2015
APPROVED BY R. VALENZUELA	DATE 09-30-2015
REFERENCE CDD102	THIRD ANGLE PROJECTION

REGAL™ Regal Beloit America, Inc.	
DESCRIPTION CONN DIAGRAM-EXTERNAL	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER CDBD108
SHEET 1 OF 1	