PRODUCT INFORMATION PACKET

Model No: A56B17DRS70003A3A
Catalog No: E119864.00
.3/4HP..1725RPM.56.DP.115/230V.1PH.60HZ.CONT.40C.1.25SF.RESILIENT BASE....AUTOMATIC.....
Open Drip Proof (ODP)

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

Dealers Industrial Equipment -- Visit https://DealersElectric.com or call (908) 688-1966 for all of your electric motor & VFD needs!

Product Information Packet: Model No: A56B17DRS70003A3A, Catalog No:E119864.00 .3/4HP..1725RPM.56.DP.115/230V.1PH.60HZ.CONT.40C.1.25SF.RESILIENT BASE....AUTOMATIC.....

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	**Automatic**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6203**
Opp Drive End Bearing Size	**6203**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**22**		

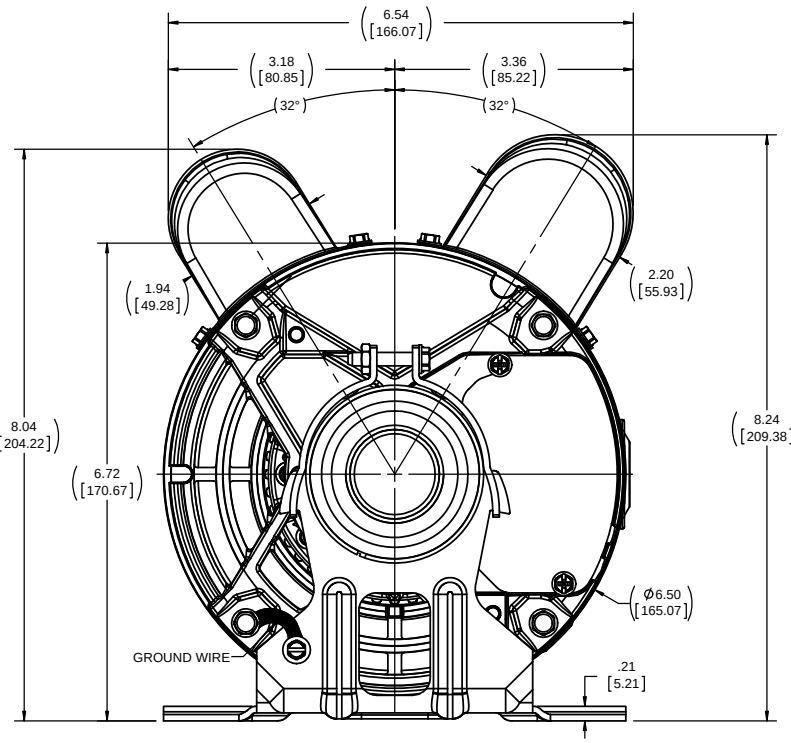
Technical Specifications

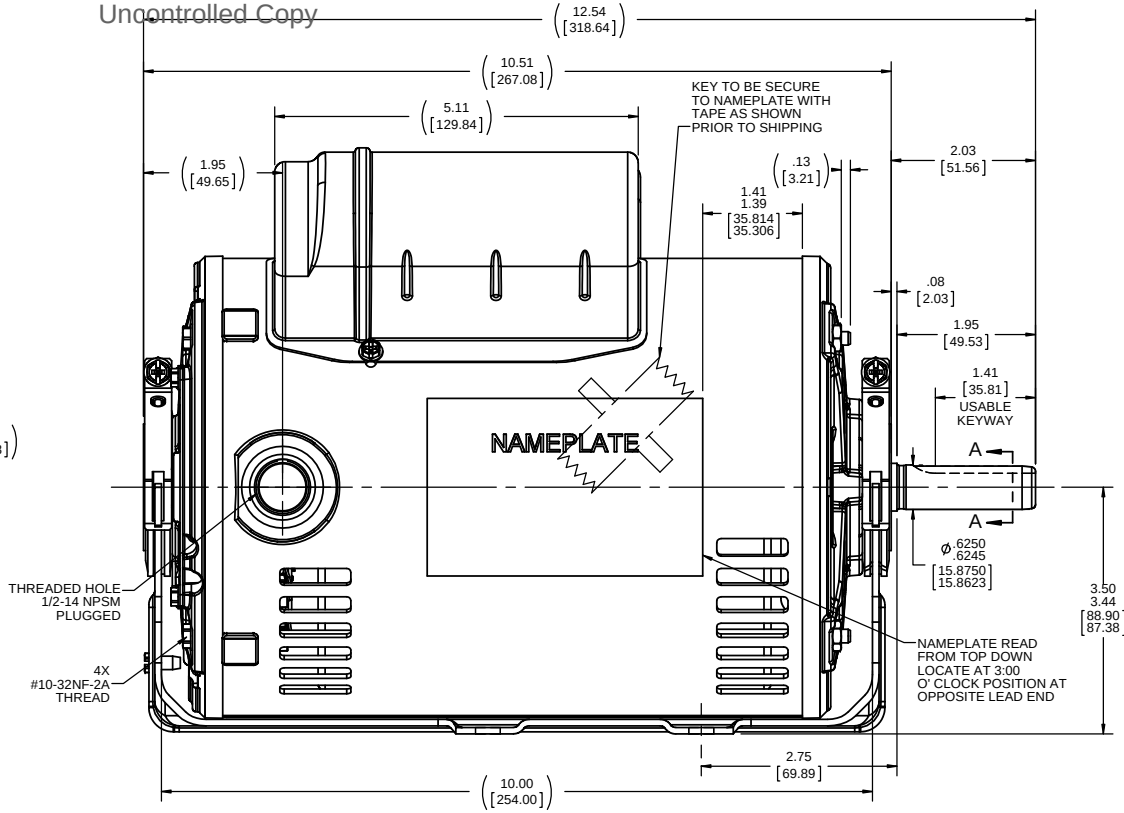
Electrical Type	**Capacitor Start Capacitor Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Selective Counterclockwise**
Mounting	**Resilient Base**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**Rolled Steel**	Shaft Type	**NEMA 56**
Overall Length	**12.54 in**	Frame Length	**8.15 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**1.88 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**OL56100186-001**	Connection Diagram	**CDBD101**

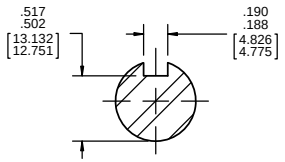
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 10/15/2018

Dealers Industrial Equipment -- Visit https://DealersElectric.com or call (908) 688-1966 for all of your electric motor & VFD needs!

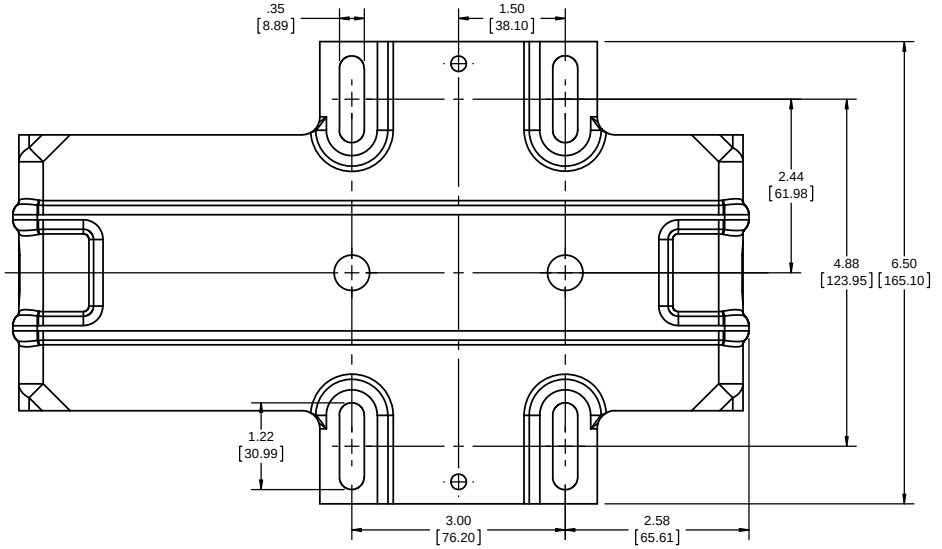
Uncontrolled Copy

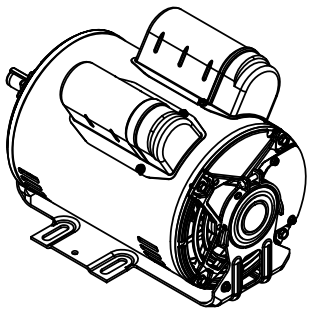


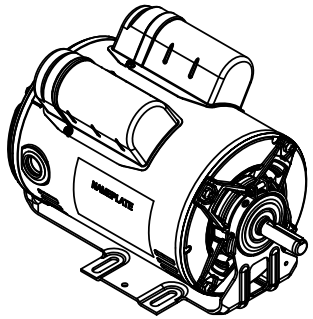




SECTION A-A







DRAWING REVISION A	REVISION BY	DATE
ECO ECO-0112889	APPROVED BY	DATE
ECO DESCRIPTION: NEW MODEL RELEASE		

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, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY	R.ZAMARRON
DATE	11-16-2016
APPROVED BY	J.ORTEGA
DATE	11-16-2016
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

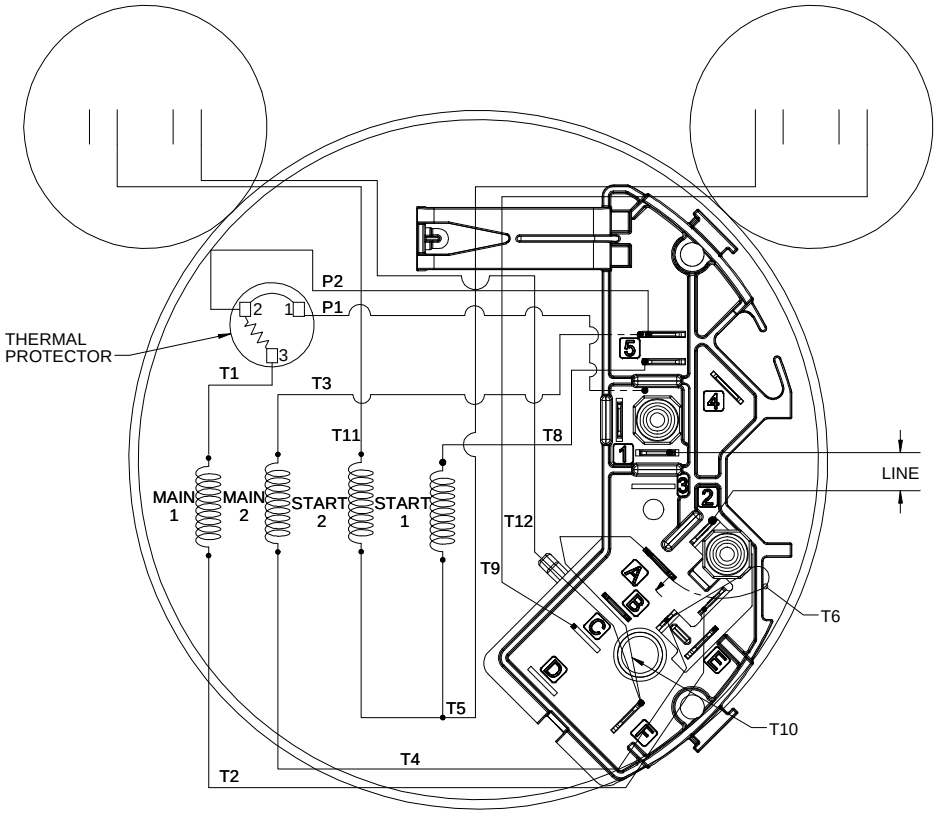
DESCRIPTION: OUTLINE
56FR,DP,1-PHASE

MATERIAL | PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
C	OL56100186-001	1 OF1

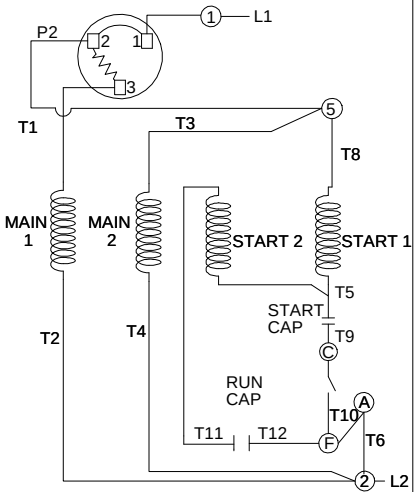
Dealers Industrial Equipment -- Visit https://DealersElectric.com or call (908) 688-1966 for all of your electric motor & VFD needs!

Uncontrolled Copy

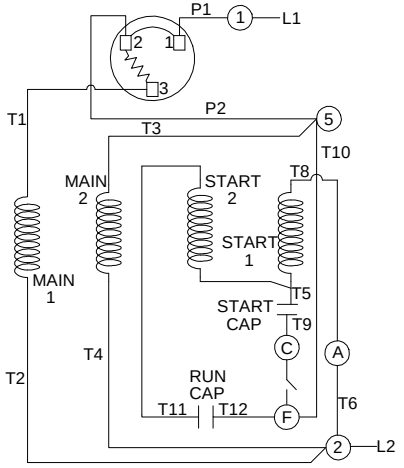


CCW/CW ROTATION-CAP START AND CAP RUN DUAL VOLTAGE WITH PROTECTOR

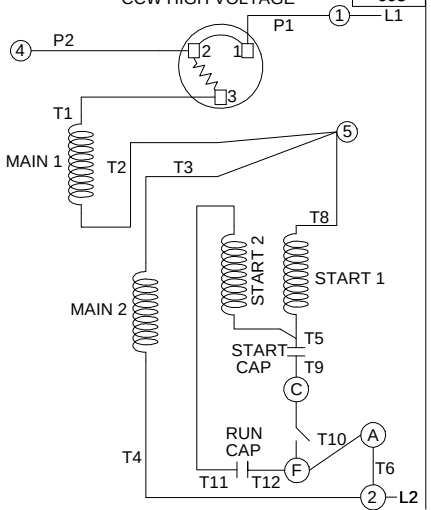
CCW LOW VOLTAGE -001



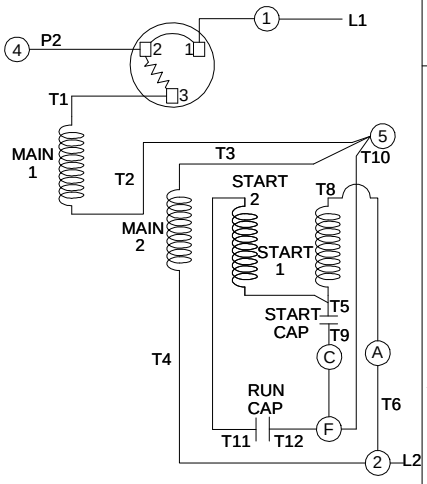
CW LOW VOLTAGE -002



CCW HIGH VOLTAGE -003



CW HIGH VOLTAGE -004



NOTES:

1. FOR HI VOLTAGE REMOVE P2 FROM TERMINAL #5 AND PLACE ON TERMINAL #4, REMOVE T2 FROM TERMINAL #2 AND PLACE ON TERMINAL #5
2. TO REVERSE ROTATION, INTERCHANGE T8 & T10.
3. SWITCH REF. 10003283-001-001
4. CONN DIAGRAM-NAMEPLATE DD10025

DRAWING REVISION	REVISION BY	DATE
B	J.CORTEZ	07-24-2017
ECO	APPROVED BY	DATE
ECO-0127749	C.ARREOLA	07-24-2017

ECO DESCRIPTION: UPDATED DWG TO CHANGE MOTOR ROTATION.

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, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.

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 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY	G. RODRIGUEZ
DATE	10-10-2016
APPROVED BY	R. VALENZUELA
DATE	10-10-2016
REFERENCE	CDCD102
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

DESCRIPTION: CONN DIAGRAM-EXTERNAL

MATERIAL | PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	CDBD101	1 OF 1

Dealers Industrial Equipment -- Visit https://DealersElectric.com or call (908) 688-1966 for all of your electric motor & VFD needs!