

PRODUCT INFORMATION PACKET



Model No: 160A
Catalog No: 160A

OEM Replacement Motor, 1/3 HP, 1 Ph, 60 Hz, 208-230 V, 1625 RPM, 1 Speed, 48 Frame, SEMI ENCLOSED



Regal and Century are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E





Nameplate Specifications

Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230 V
Current	3.0 A	Speed	1625 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	F48Y	Enclosure	Semi Enclosed
Thermal Protection	Automatic	Ambient Temperature	60 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Resilient Base	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Double Flat
Overall Length	9.11 in	Frame Length	4.00 in
Shaft Diameter	0.500 in	Shaft Extension	4.00 in
Connection Drawing	614131-242	Outline Drawing	160A-S01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/28/2022

GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.03] T.I.R. PER INCH LENGTH OF EXTENSION

BEARINGS: BALL

MOUNTING POSITION: HORIZONTAL

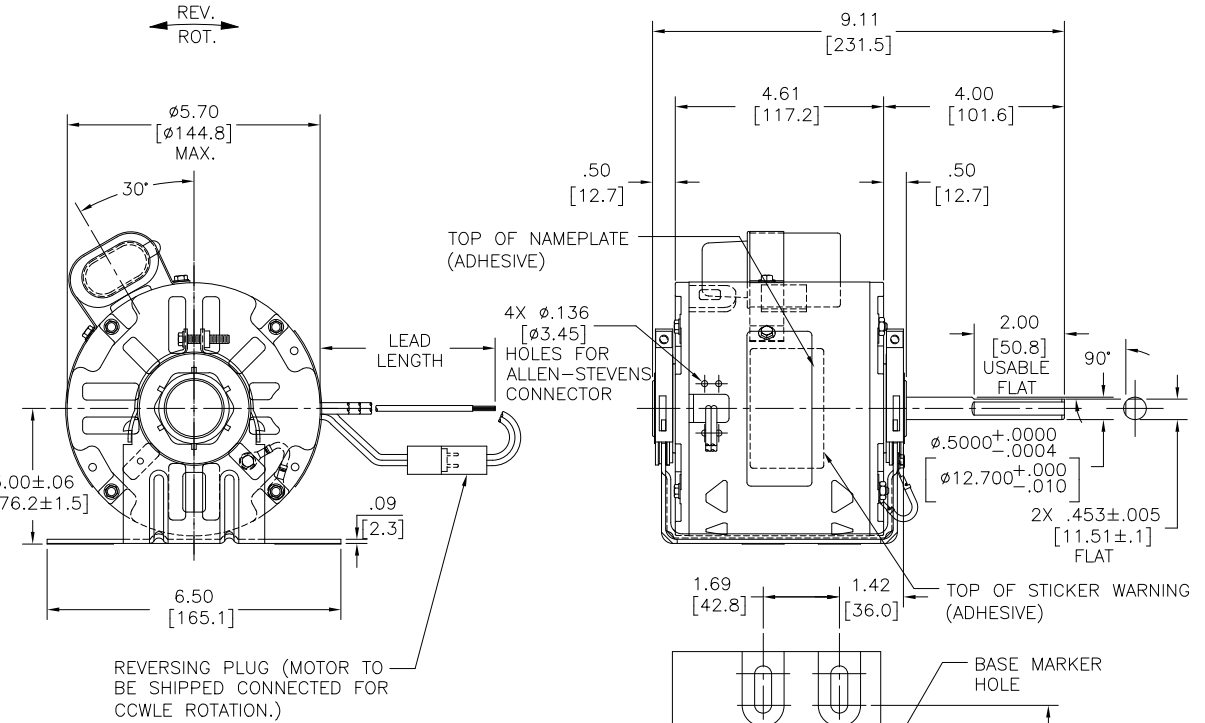
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 036)

LEADS: NO. 18 GA., .06 [1.5] THK. PVC 105°C INSUL.

REVERSING PLUGS: NO. 18 GA., .03 [.8] THK. XLP 125°C INSUL.

GROUND LEAD: NO. 18 GA., .03 [.8] THK. (GREEN/YELLOW) INSUL.



- NOTES:
- 1. DISTRIBUTION PART NUMBER: 160A
GRAINGER PART NUMBER: 2FGP4
 - 2. (2) SCREWS 21P91-37
(2) MOUNTING RINGS 31D2915P01
(1) STOP PLATE 46P111-3
(1) CONNECTOR 614715
TO BE PUT IN POLY BAG AND SHIPPED WITH EACH MOTOR

GREEN/YELLOW (GROUND)	CONNECTED TO BASE	#10 EYELET
BLACK/WHITE	3.0/5.0 [76/127]	REVERSING PLUG
BROWN	CONNECTED TO CAPACITOR	.25 [6.4] FLAG
BROWN/WHITE	CONNECTED TO CAPACITOR	.25 [6.4] FLAG
WHITE	35.0/37.0 [889/940]	.50 [12.7] SKIN
BLACK	35.0/37.0 [889/940]	.50 [12.7] SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

NAMEPLATE DATA:
MODEL NO.: F48Y62A01
CUST. P/N: SEE NOTE #1
HP: 1/3
ROT.: REVERSIBLE
RPM: 1625
TYPE: UF
FRAME: 48Y
VOLTS: 208-230
PH: 1
AMPS: 3.0
HZ: 60
INS.: B
AMB.: 60° C
DUTY: AIR OVER
CAP.: 5 MFD/370 V
ENCL: SEMI-ENCL.
UL LOGO
CSA LOGO
THERMALLY PROTECTED

EXTERNAL CONNECTION DIAGRAM
SEP. CAP.
BROWN
BRN/WHT
WHITE
BLACK
LINE
ROTATION
BLACK
WHITE
CCWLE
WHITE
BLACK
CWLE

614131-242

PERFORMANCE CURVE NO.	TORQUE @ 1625 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA
C32639	30.7 OZ. FT.	0600523B	E46412 PRGY2	LR43341 4211-01

DRAWING REVISION
C
ECO
NMR-0213623
ECO DESCRIPTION
CHANGED TO BALL BEARING

REVISION BY
J. RUPERT
DATE
04-25-2022

APPROVED BY
J. RUPERT
DATE
04-25-2022

THIRD ANGLE PROJECTION

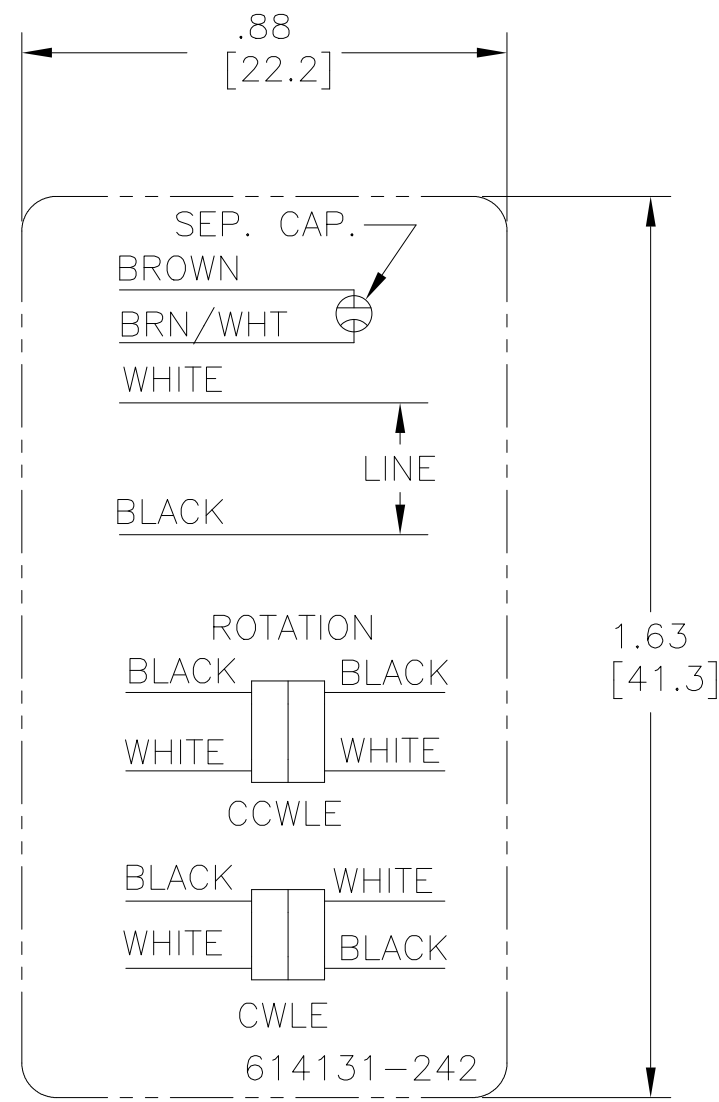
MAIN FRAME - OLE	SEMI-ENCL.
END FRAME - OLE	OPEN
MAIN FRAME - LE	SEMI-ENCL.
END FRAME - LE	OPEN

CUSTOMER	DISTRIBUTION SERVICE
----------	----------------------

ENCLOSURE
DRAWN BY: J. RUPERT
DATE: 04-25-2011
APPROVED BY: J. RUPERT
DATE: 04-25-2011
REFERENCE

THIRD ANGLE PROJECTION

REGAL Regal Beloit America, Inc.
DESCRIPTION
MODEL-RFHP-48FR
OUTLINE
MATERIAL
PROCESS/FINISH
SIZE DWG NO
160A
SHEET 1



NOTES:

- 1. FOR USE WITH 614129 NAMEPLATE BLANK
- 2. — — — — — INDICATES DIMENSION LIMITS
- 3. DIE TO BE MADE FROM MASTER SUPPLIED BY REGAL REXNORD CORPORATION
- 4. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

DRAWING REVISION H	REVISION BY J. RUPERT	DATE 03-16-2022	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±0.5° .XX ±0.02 [±0.51] .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 INCH 125 mm 3.2 mm SHOWN IN [BRACKETS]	DRAWN BY: YL	REGAL™ Regal Beloit America, Inc.				
ECO NMR-0213140	APPROVED BY J. RUPERT	DATE 03-16-2022		DATE: 04-15-2011	DESCRIPTION CONNECTION DIAGRAM EXTERNAL				
ECO DESCRIPTION REVISED FOR UP ISSUED				APPROVED BY: HZ					
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.				DATE: 04-15-2011	MATERIAL		PROCESS/FINISH		
			REFERENCE .	THIRD ANGLE PROJECTION	SIZE A	DWG NO 4 of 4	614131-242		SHEET 1