

PRODUCT INFORMATION PACKET



Model No: FD1056

Catalog No: FD1056

Fan and Blower Motor, 1/2 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 3 Speed, 48 Frame, OPEN



Regal and Century are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2024 Regal Rexnord Corporation, All Rights Reserved. MC017097E





Nameplate Specifications

Phase	1	Output HP	1/2 Hp
Output KW	0.37 kW	Voltage	208-230 V
Speed	1075 rpm	Service Factor	1
Frame	48Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	50 °C
Frequency	60 Hz	Current	2.7 A
Duty	Air Over	Insulation Class	A
UL	Recognized	CSA	Y
CE	N	Number of Speeds	3

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	12.30 in	Frame Length	4.50 in
Shaft Diameter	0.500 in	Shaft Extension	6.4 in
Outline Drawing	FD1056-S01	Connection Drawing	614131-111

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/27/2024

GENERAL INFORMATION:

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

BEARINGS: BALL

MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

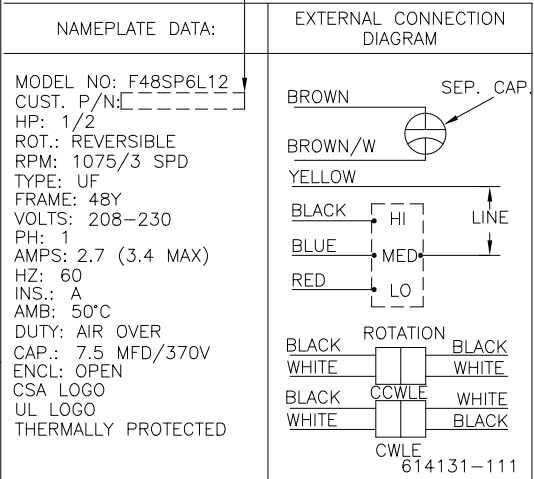
OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 032)

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

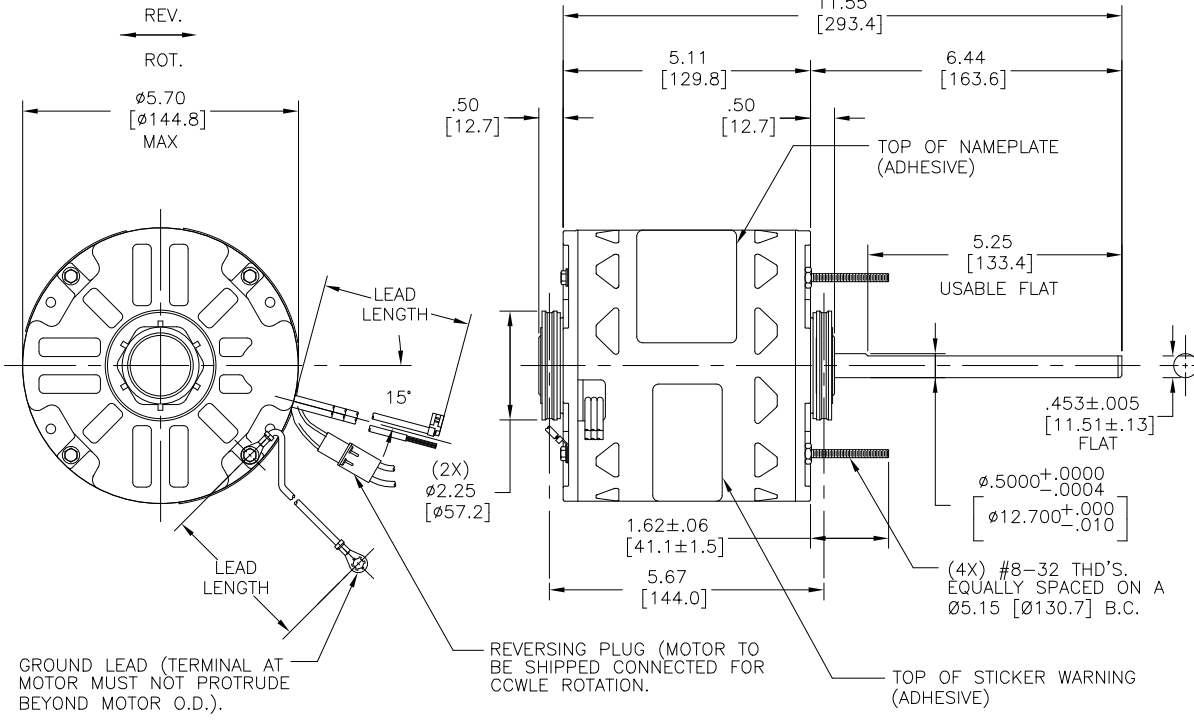
REVERSING LEADS: NO. 18 GA., .03 [.8] THK., 125°C INSUL

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

SEE NOTE 2



PERFORMANCE CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT FILE #	GUIDE #	CSA FILE #	GUIDE #
C22952	50.4 OZ. FT.	EX11219-1	E46412	PRGY2	LR43341	4211-01



- NOTE:
1. SNAP RINGS 615035 (4 REQ'D) TO BE PACKED WITH EACH MOTOR
 2. DISTRIBUTION: CUST. P/N: FD1056 GRAINGER: CUST. P/N: 4MA72
 3. THE SYMBOL OF CTQ: ▲ (NO CTQ ON THIS DRAWING)
 4. MEET THE REQUIREMENT OF ROHS AND REACH: SEE EP000014_5.1

REGAL-BELOIT CORPORATION (RBC) PROVIDES TECHNICAL ASSISTANCE TO OUR CUSTOMERS IN SEVERAL AREAS. SINCE RBC DOES NOT RECEIVE ALL DATA CONCERNING THE USE AND APPLICATION OF THE MOTOR, THE SUITABILITY OF THE MOTOR FOR THE APPLICATION MUST BE DETERMINED BY THE CUSTOMER.

DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

MAIN FR. - OLE	OPEN
END FR. - OLE	OPEN
MAIN FR. - LE	OPEN
END FR. - LE	OPEN

CUST	DISTRIBUTION SERVICES
------	-----------------------

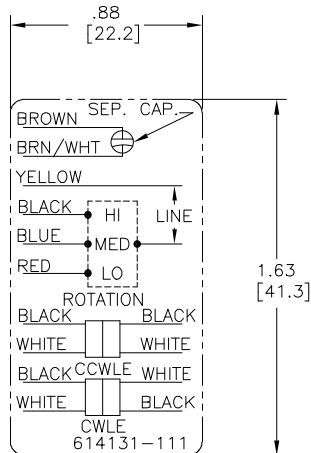
GREEN(GRD)	12.0/13.0 [305/330]	#10 EYELET
BLACK/WHITE	3.0/5.0 [76/127]	REVERSING PLUG
BROWN	26.0/28.0 [660/711]	.25[6.4] FLAG
BROWN/WHITE	26.0/28.0 [660/711]	.25[6.4] FLAG
YELLOW	26.0/28.0 [660/711]	.50[12.7] SKIN
BLACK	26.0/28.0 [660/711]	.50[12.7] SKIN
BLUE	26.0/28.0 [660/711]	.50[12.7] SKIN
RED	26.0/28.0 [660/711]	.50[12.7] SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

LEAD DATA

DRAWING REVISION	REVISION BY	DATE
EA	ANJANI	11-11-2024
ECO	APPROVED BY	DATE
ECR-0238477	KEP	11-11-2024
ECO DESCRIPTION		
REMOVED CONSERVATION LABEL AS PER ECR		
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 ENTITY, DUPLICATING AND/OR USING, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATING AND/OR USED, 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.		

ENCLOSURE

DRAWN BY:	AL	DATE:	04-08-2011	APPROVED BY:	TW	DATE:	04-08-2011	PROCESS/FINISH	-	THIRD ANGLE PROJECTION	SIZE	DWG NO	C	FD1056	SHEET	1
REGAL™ Regal Beloit America, Inc.										MODEL-RFHP-48FR OUTLINE						



NOTES:

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

DRAWING REVISION D		REVISION BY J. RUPERT	DATE 04-14-2021	TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY: J. RUPERT		 Regal Beloit America, Inc.		
ECO NMR-0208129		APPROVED BY J. RUPERT	DATE 04-14-2021	DEC.	INCH	mm	ANGLE			DATE: 05-25-2021
ECO DESCRIPTION UP ISSUED				.X	±0.1	[±2.5]	±0.5°	APPROVED BY: T. RILEY	DESCRIPTION CONNECTION DIAGRAM EXTERNAL	
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.				.XX	±0.02	[±0.51]		DATE: 05-25-2010		
				.XXX	±0.005	[±0.127]		REFERENCE	MATERIAL	PROCESS/FINISH
				.XXXX	±0.0005	[±0.0127]		THIRD ANGLE PROJECTION	SIZE DWG NO A	SHEET 1
				REMOVE BURRS & BREAK SHARP EDGES .003/.015 [076/381] X 45° CORNER FILLETS R.02 [51] MACHINED SURFACES					614131-111	
				4 of 4 mm SHOWN IN [BRACKETS]						