

PRODUCT INFORMATION PACKET



Model No: FDL1036

Catalog No: FDL1036

Fan and Blower Motor, 1/3 HP, 1 Ph, 60 Hz, 115 V, 1075 RPM, 3 Speed, 48 Frame, OPEN



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Nameplate Specifications

Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115 V
Current	5.9 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	58.5 %	Duty	Air Over
Insulation Class	A	Frame	48Y
Enclosure	Open Enclosed	Thermal Protection	Automatic
Ambient Temperature	50 °C	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	11.55 in	Frame Length	4.00 in
Shaft Diameter	0.500 in	Shaft Extension	6.4 in
Outline Drawing	FDL1036_FA	Connection Drawing	614131-111

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GENERAL INFORMATION:

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

BEARINGS: BALL

MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

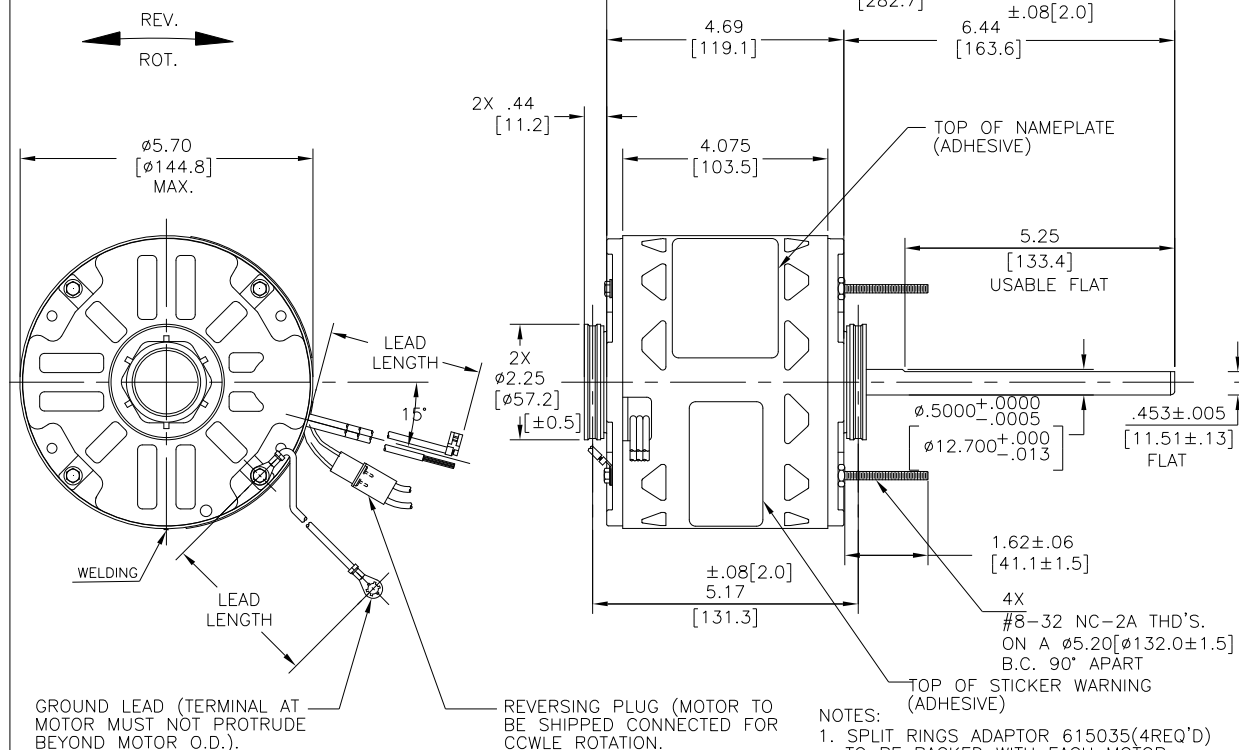
OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 032)

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

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

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

SAMPLE SM19-497 NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL: 5KCP39KGDD703S CUST. P/N: FDL1036 HP: 1/3 ROT.: REVERSIBLE RPM: 1075/3 SPD. TYPE: UF FRAME: 48Y VOLTS: 115 PH: 1 AMPS: 5.9 HZ: 60 INS.: B AMB: 50 °C DUTY: AIR OVER CAP.: 7.5 MFD/370 V THERMALLY PROTECTED	
 E27885 MADE IN INDIA	614131-111



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

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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

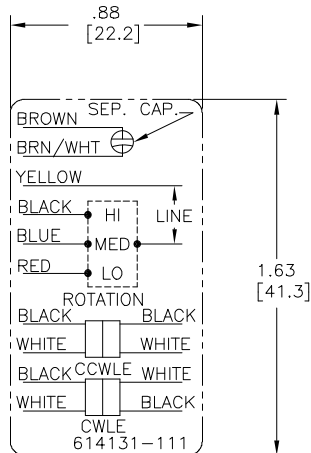
ENCLOSED	
END FR.-LE	OPEN
MAIN FR.-LE	OPEN
END FR.-OLE	OPEN
MAIN FR.-OLE	OPEN

CUST.	DISTRIBUTION SERVICE
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DRAWING REVISION	REVISION BY	DATE
F	MG	02.08.22
ECO	APPROVED BY	02.08.22
ECR-0219860	LS	
ECO DESCRIPTION		
ECO CONSERVATIONIST STICKER IS REMOVED SIDE VIEW		
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DRAWN BY:	DATE:
MS	21.01.20
APPROVED BY:	DATE:
LS	21.01.20
PROCESS/FINISH	
THIRD ANGLE PROJECTION	

REGAL™	Regal Beloit America, Inc.
DESCRIPTION	
MODEL-RFHP-48FR OUTLINE	
MATERIAL	
SIZE DWG NO	
C FDL1036_FA	
SHEET	
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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
ECO NMR-0208129	APPROVED BY J. RUPERT	DATE 04-14-2021
ECO DESCRIPTION UP ISSUED		

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			
mm SHOWN IN [BRACKETS]			

DRAWN BY:
J. RUPERTDATE:
05-25-2021APPROVED BY:
T. RILEYDATE:
05-25-2010

REFERENCE

THIRD ANGLE
PROJECTION
 Regal Beloit America, Inc.

DESCRIPTION

CONNECTION DIAGRAM
EXTERNAL

MATERIAL

PROCESS/FINISH

SIZE

DWG NO

614131-111

SHEET

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