

# PRODUCT INFORMATION PACKET



Model No: FDL1016

Catalog No: FDL1016

Fan and Blower Motor, 1/6 HP, 1 Ph, 60 Hz, 115 V, 1075 RPM, 3 Speed, 48 Frame, OPEN



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**Nameplate Specifications**

Phase	1	Output HP	1/6 Hp
Output KW	0.13 kW	Voltage	115 V
Speed	1075 rpm	Service Factor	1
Frame	48Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	50 °C
Frequency	60 Hz	Current	3.2 A
Duty	Air Over	Insulation Class	B
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	Any
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	10.80 in	Frame Length	3.25 in
Shaft Diameter	0.500 in	Shaft Extension	6.4 in
Outline Drawing	FDL1016-S01		

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**GENERAL INFORMATION:**

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

BEARINGS: BALL

MOUNTING POSITION: ALL ANGLE

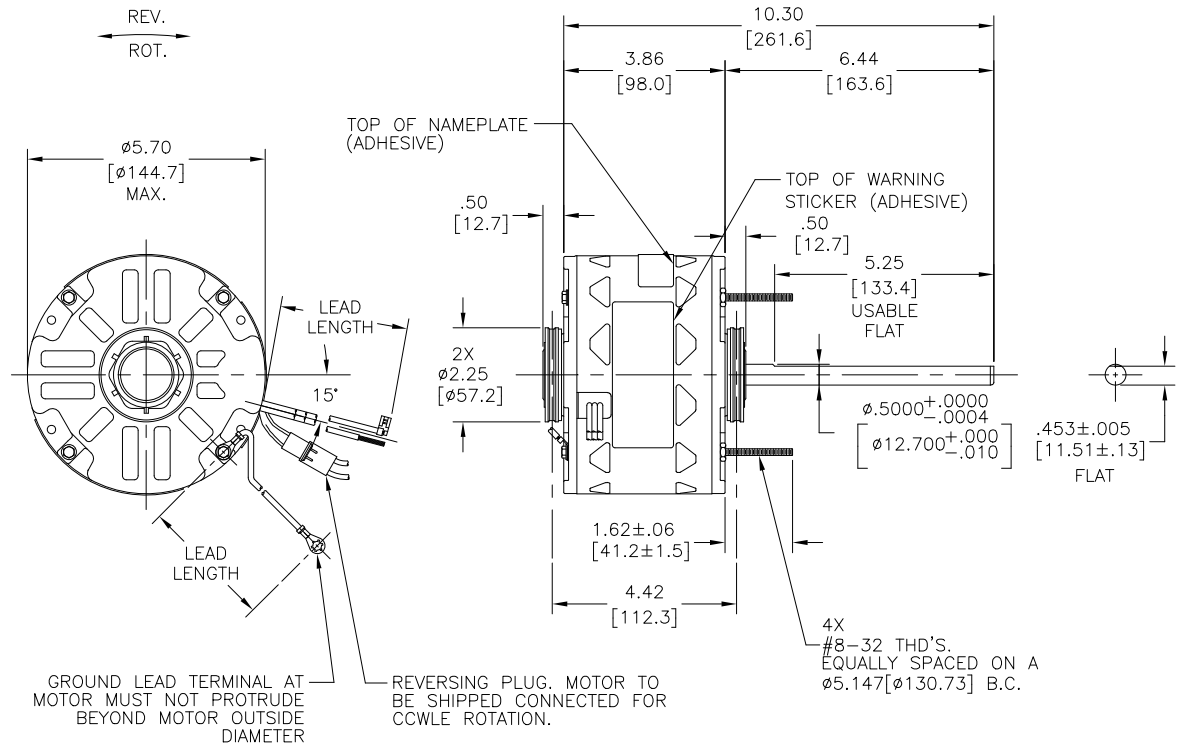
**ELECTRICAL DATA:**

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 036)

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.



- NOTES:**
1. SNAP RINGS 615035, 4 REQUIRED, TO BE PACKED WITH EACH MOTOR.
  2. CTQ REQUIREMENT SEE EP000105-008.
  3. RoHS & REACH REQUIREMENT SEE EP000014.

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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

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	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

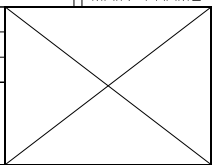
ENCLOSURE		
END FRAME - LE	OPEN	
MAIN FRAME - LE	OPEN	
END FRAME - OLE	OPEN	
MAIN FRAME - OLE	OPEN	

CUSTOMER	DISTRIBUTION SERVICES
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NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO: F48J97A01 CUST. P/N: FDL1016 HP: 1/6 ROT.: REVERSIBLE RPM: 1075/3 SPD. TYPE: UF FRAME: 48Y VOLTS: 115 PH: 1 AMPS: 3.2 HZ: 60 INS.: B AMB: 50°C DUTY: AIR OVER CAP.: 7.5 MFD/370V ENCL: OPEN CSA LOGO UL LOGO THERMALLY PROTECTED	

PERFORMANCE CURVE NO.	TORQUE @1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT FILE #	CCN #	CSA FILE #	CLASS #
C31506	21.0 OZ. FT.	97AC362B	E46412	PRGY2	LR43341	4211-01

CRITICAL TO QUALITY CHARACTERISTICS(CTQs)	DRAWING REVISION E	REVISION BY MINJING JIANG	DATE 06-12-2024
(P) PROCESS	ECR-0234757	APPROVED BY DEXIAN LU	DATE 06-12-2024
(E) ENGINEERING	ECO DESCRIPTION REMOVED LABEL		
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(L) LIFE			



DRAWN BY: J. RUPERT	DATE: 05-03-1991	APPROVED BY: M. FRENCH	DATE: 02-05-1992	PROCESS/FINISH	THIRD ANGLE PROJECTION
REGAL™ Regal Beloit America, Inc.		DESCRIPTION: MODEL-RFHP-48FR OUTLINE		SIZE: C	DWG NO: FDL1016
				SHEET: 1	