

PRODUCT INFORMATION PACKET



Model No: FE1018SF

Catalog No: FE1018SF

HEATMASTER® Condenser Fan Motor, 1/6 HP, 1 Ph, 60 Hz, 208-230 V, 825 RPM, 1 Speed, 48 Frame, TEAO



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Nameplate Specifications

Output HP	1/6 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	208-230 V
Current	1.1 A	Speed	825 rpm
Service Factor	1	Phase	1
Efficiency	66.2 %	Duty	Air Over
Insulation Class	F	Frame	48
Enclosure	Totally Enclosed Air Over	Thermal Protection	Automatic
Ambient Temperature	70 °C	UL	Recognized
CSA	Y	CE	N
Number of Speeds	1		

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Mounting	Extended Studs	Motor Orientation	Any
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Double Flat
Overall Length	11.49 in	Frame Length	3.50 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Connection Drawing	614131-242	Outline Drawing	FE1018SF_FA

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GENERAL INFORMATION:

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

BEARINGS: BALL

MOUNTING POSITION: ALL ANGLE

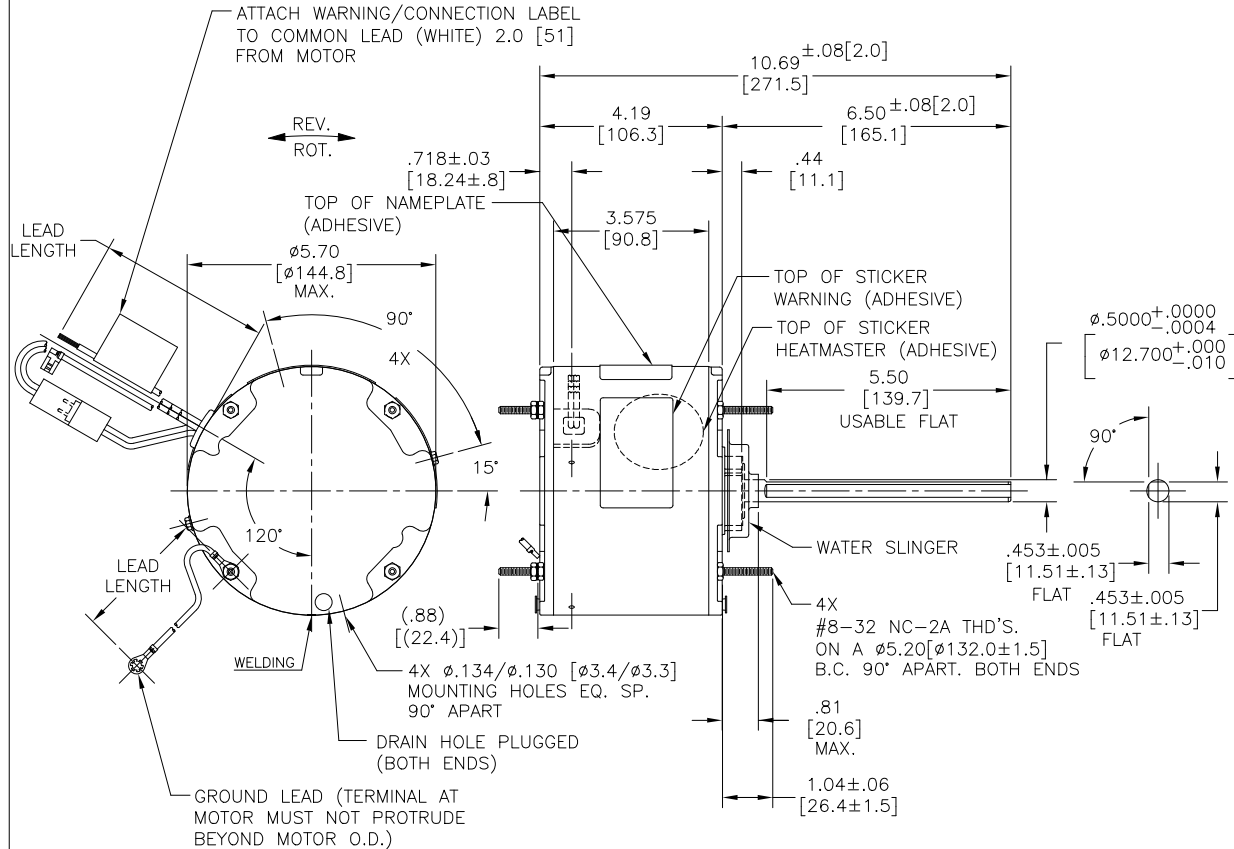
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 304)

LINE LEADS: NO. 18 GA., .06 [1.5] THK. XLP 125°C INSUL.

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

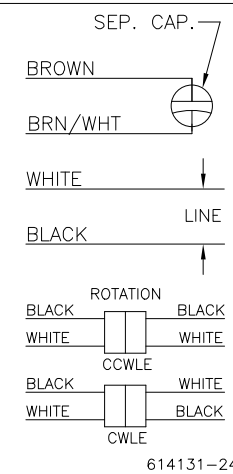
GROUND LEAD: NO. 18 GA., .03 [.8] THK. (GREEN) INSUL.



NAMEPLATE DATA:

EXTERNAL CONNECTION DIAGRAM

MODEL NO.: 5KCP39FFDD867S
 CUST. P/N: FE1018SF
 HP: 1/6
 ROT.: REVERSIBLE
 RPM: 825
 TYPE: UF
 FRAME: 48
 VOLTS: 208-230
 PH: 1
 AMPS: 1.1
 HZ: 60
 INS.: F
 AMB.: 70°C
 DUTY: AIR OVER
 CAP.: 5 MFD/370 V
 ENCL: ENCLOSED



COLOR	LENGTH	TERMINAL OR STRIP LENGTH
GREEN (GROUND)	12.0/13.0 [305/330]	#10 EYELET
BLACK/WHITE	3.0/5.0 [76/127]	REVERSING PLUG
BROWN	48.0/51.0 [1219/1295]	.25 [6.4] FLAG
BROWN/WHITE	48.0/51.0 [1219/1295]	.25 [6.4] FLAG
WHITE	48.0/51.0 [1219/1295]	.50 [12.7] SKIN
BLACK	48.0/51.0 [1219/1295]	.50 [12.7] SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

- NOTES:
1. ATTACH INSTRUCTION SHEET 681572-003 ONTO SHAFT APPROX. 1.0[25] FROM WATER SLINGER(OR 69P9-3 ONLY USED IN MEXICO)
 2. 4X EXTRA HEX NUTS N238P15B9 ON LEAD END SIDE (FINGERTIGHT).
 3. 4X SCREWS N194P1504B9 TO BE PUT IN A POLYBAG.
 4. ALL LABELS READ FROM LE.
 5. SPRING SHIM IN OLE SIDE.

MAIN FRAME - OLE	ENCLOSED
END FRAME - OLE	ENCLOSED
MAIN FRAME - LE	ENCLOSED
END FRAME - LE	ENCLOSED

CUSTOMER DISTRIBUTION SERVICE

DRAWING REVISION	REVISION BY	DATE
D	MOHIT GOYAL	24-08-22
ECO	APPROVED BY	DATE
ECR-0220433	LAXMAN SINGH	24-08-22
ECO DESCRIPTION		
CLAMP BOLT PCD $\phi 5.2$ WAS $\phi 5.15$		

THIRD ANGLE PROJECTION

DRAWN BY: MOHIT GOYAL		Regal Beloit America, Inc.
DATE: 26-11-2021		
APPROVED BY: LAXMAN SINGH		DESCRIPTION: MODEL-RFHP-48FR OUTLINE
DATE: 26-11-2021		
REFERENCE	MATERIAL	PROCESS/FINISH
SIZE	DWG NO	SHEET
C	FE1018SF	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
ECO NMR-0213140	APPROVED 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 [0.076/.381] X 45°			
CORNER FILLETS R.02 [.51]			
MACHINED SURFACES			
		INCH $\sqrt{125}$	mm $\sqrt{3.2}$
mm SHOWN IN [BRACKETS]			

DRAWN BY: YL	
DATE: 04-15-2011	
APPROVED BY: HZ	
DATE: 04-15-2011	
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.	
DESCRIPTION CONNECTION DIAGRAM EXTERNAL	
MATERIAL	PROCESS/FINISH
SIZE A	DWG NO 4 of 4
614131-242	
SHEET 1	

ECO DESCRIPTION
REVISED FOR UP ISSUED

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