

PRODUCT INFORMATION PACKET



Model No: FEH1056SF
Catalog No: FEH1056SF

HEATMASTER® Condenser Fan Motor, 1/2 HP, 1 Ph, 60 Hz, 460 V, 1075 RPM, 1 Speed, 48 Frame, TEAO



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Nameplate Specifications

Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	460 V
Current	1.5 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	70.6 %	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	6	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	12.99 in	Frame Length	5.00 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Outline Drawing	FEH1056SF_FA	Connection Drawing	614131-242

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GENERAL INFORMATION:

SHAFT RUNOUT: .001[.025] T.I.R. PER INCH LENGTH OF EXTENSION

BEARINGS: BALL

MOUNTING POSITION: ALL ANGLE

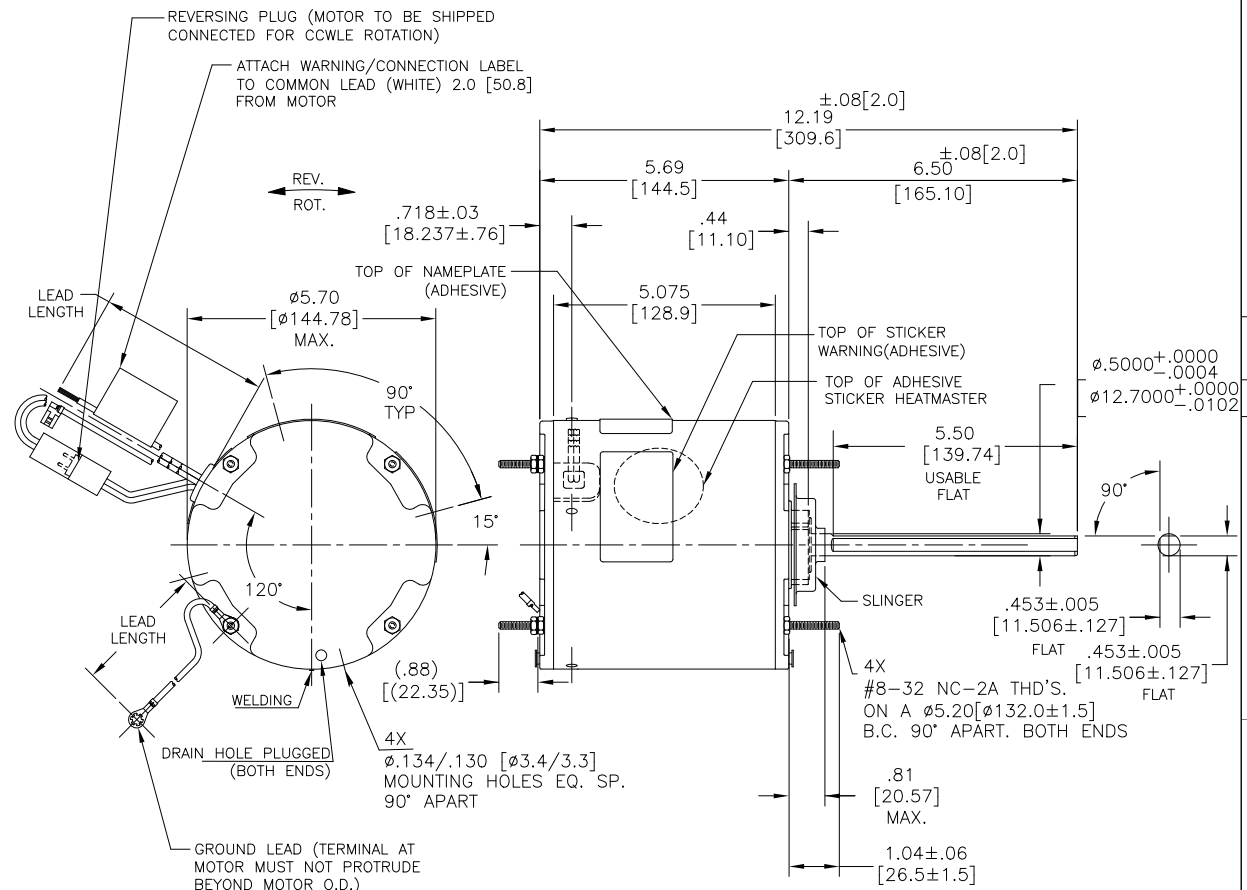
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 304)

LINE LEADS: NO. 18 GA., .06[1.52] THK. XLP 125°C INSUL.

REVERSING LEADS: NO. 18 GA., .03[.76] THK. XLP 125°C INSUL.

GROUND LEAD: NO. 18 GA., .03[.76] THK. (GREEN) INSUL.



SAMPLE SM19-384 NAMEPLATE DATA:

MODEL NO.: 5KCP39PGDD673S
 CUST. P/N: FEH1056SF
 HP: 1/2
 ROT.: REVERSIBLE
 RPM: 1075
 TYPE: UF
 FRAME: 48Y
 VOLTS: 460
 PH: 1
 AMPS: 1.5
 HZ: 60
 INS.: F
 AMB.: 70°C
 DUTY: AIR OVER
 CAP.: 10 MFD/370 V
 THERMALLY PROTECTED

EXTERNAL CONNECTION DIAGRAM

SEP. CAP.

BROWN

BRN/WHT

WHITE

BLACK

LINE

ROTATION

BLACK WHITE

WHITE BLACK

CCWLE

BLACK WHITE

WHITE BLACK

CWLE

MADE IN INDIA

614131-242

GREEN (GROUND)	12.0/13.0 [304.8/330.2]	#10 EYELET
BLACK/WHITE	3.0/5.0 [76.2/127.0]	REVERSING PLUG
BROWN	48.0/51.0 [1219.2/1295.4]	.25[6.35] FLAG
BROWN/WHITE	48.0/51.0 [1219.2/1295.4]	.25[6.35] FLAG
WHITE	48.0/51.0 [1219.2/1295.4]	.50[12.70] SKIN
BLACK	48.0/51.0 [1219.2/1295.4]	.50[12.70] SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

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.

- NOTES:
- 1 ATTACH INSTRUCTION SHEET 69P9-3 ONTO SHAFT APPROX. 1.0[25] FROM WATER SLINGER
 - 2 4X EXTRA HEX NUTS ON LEAD END (FINGER TIGHT) (FOR MM1 PLANT) FOR STUDS
 - 3 4X SCREWS N194P1504B9& 4X HEX NUTS N238P15B9 TO BE PUT IN A POLYBAG.
 4. ALL LABEL 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
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LEAD DATA

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED
ECO	MG	16-04-22	DEC. INCH mm ANGLE
ECO-0216351	APPROVED BY	16-04-22	.X ±0.1 [±2.5] ±0.5°
ECO DESCRIPTION	LS		.XX ±0.02 [±0.51]
ENERGY CONSERVATIONIST STICKER IS REMOVED			.XXX ±0.005 [±0.127]
			XXXX ±0.0005 [±0.0127]
			REMOVE BURRS & BREAK SHARP EDGES .003,015 [0.076,381]
			CORNER FILLETS .02 [51]
			MACHINED SURFACES 125 INCH/mm 32
			mm SHOWN IN [BRACKETS]

DRAWN BY: MK

DATE: 14.10.19

APPROVED BY: LS

DATE: 14.10.19

PROCESS/FINISH

THIRD ANGLE PROJECTION

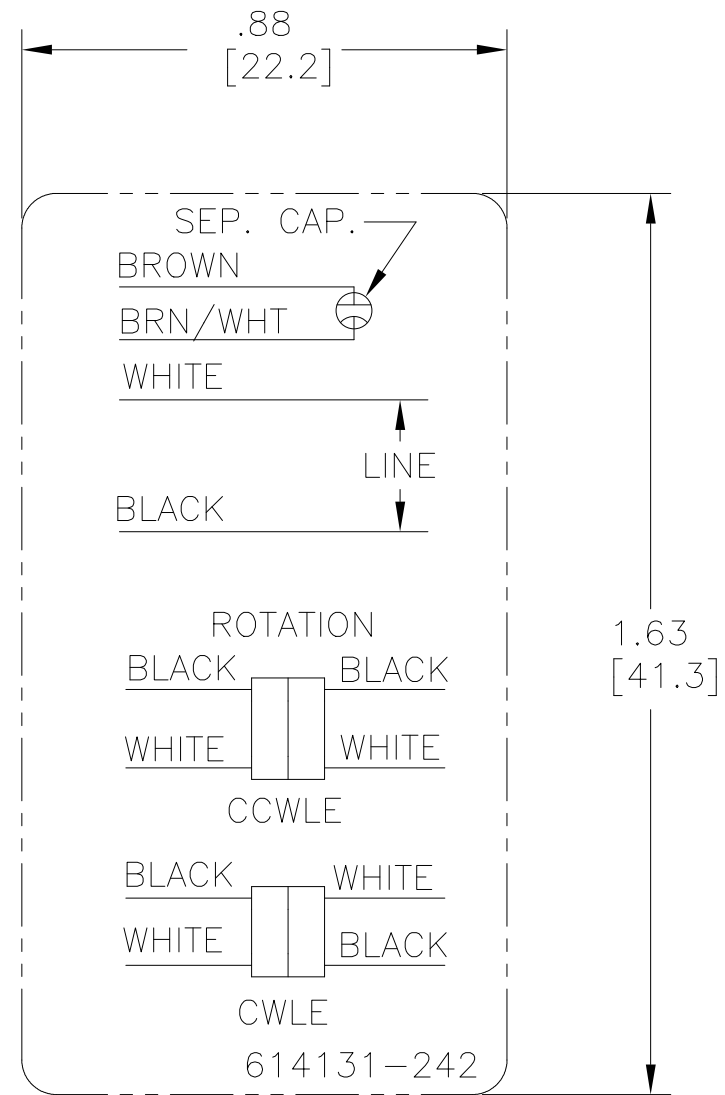
REGAL™ Regal Beloit America, Inc.

DESCRIPTION: MODEL-RFHP-48FR OUTLINE

MATERIAL

SIZE DWG NO: FEH1056SF_FA

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
ECO NMR-0213140	APPROVED BY J. RUPERT	DATE 03-16-2022

ECO DESCRIPTION
REVISED FOR UP ISSUED

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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	mm	
	125	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	