

PRODUCT INFORMATION PACKET



Model No: FSE1008SF

Catalog No: FSE1008SF

HEATMASTER® Condenser Fan Motor, 1/8 HP, 1 Ph, 60 Hz, 208-230 V, 825 RPM, 1 Speed, 48 Frame,
ENCLOSED



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Nameplate Specifications

Output HP	1/8 Hp	Output KW	0.10 kW
Frequency	60 Hz	Voltage	208-230 V
Current	1.0 A	Speed	825 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	F
Frame	48	Enclosure	Totally Enclosed
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	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Double Flat
Overall Length	11.62 in	Frame Length	3.62 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Connection Drawing	614131-242	Outline Drawing	FSE1008SF-S01

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GENERAL INFORMATION:

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

END PLAY: .010 TO .063[.25 TO 1.60]

BEARINGS: SLEEVE

MOUNTING POSITION: ALL ANGLE

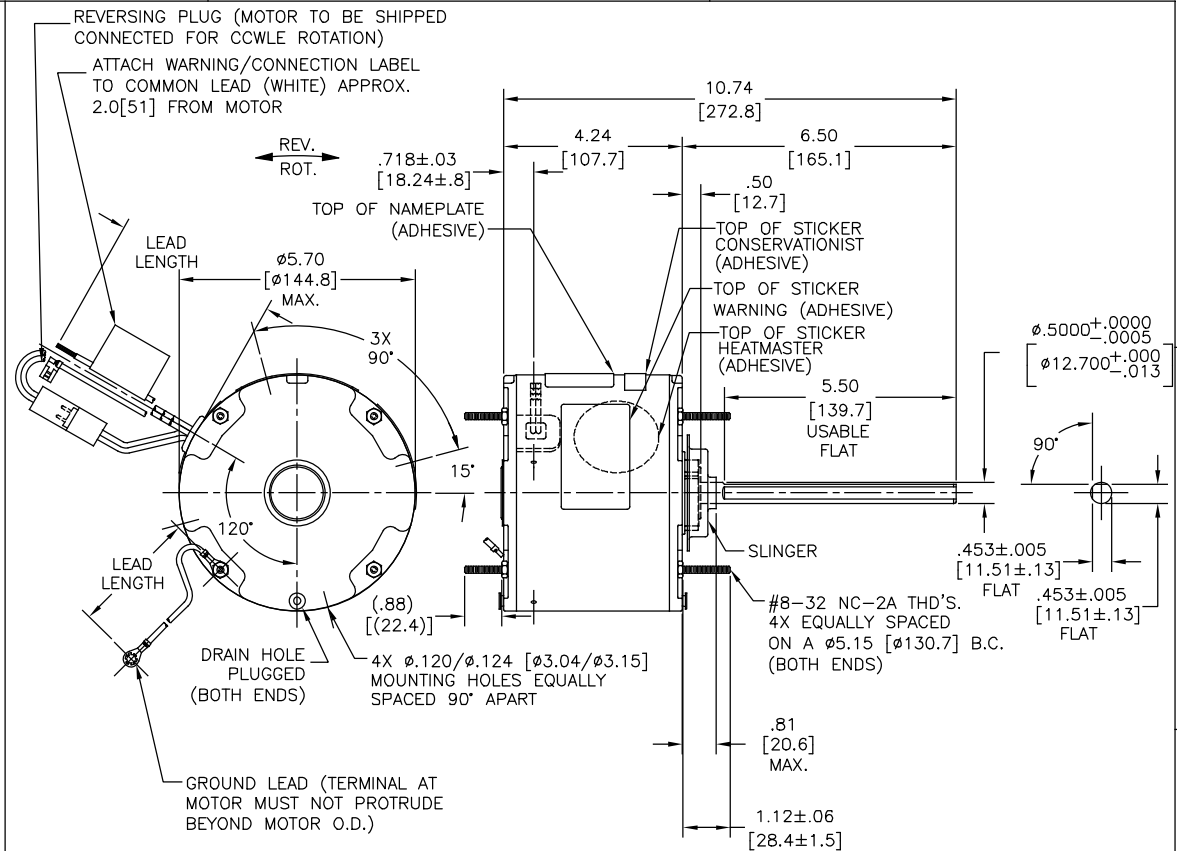
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 304)

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

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

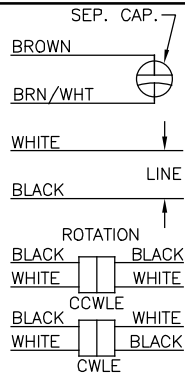
GROUND LEAD: NO. 18 GA., .03[.8] THK. (GREEN) INSUL.



NAMEPLATE DATA:

EXTERNAL CONNECTION DIAGRAM

MODEL NO.: F48X82A01
CUST. P/N: FSE1008SF
HP: 1/8
ROT.: REVERSIBLE
RPM: 825
TYPE: UF
FRAME: 48
VOLTS: 208-230
PH: 1
AMPS: 1.0
HZ: 60
INS.: F
AMB.: 70° C
DUTY: AIR OVER
CAP: 5 MFD/370 V
ENCL: ENCLOSED
UL LOGO
CSA LOGO
THERMALLY PROTECTED



614131-242

PERFORMANCE CURVE NO.	TORQUE @ 825 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA
C32576	15.8 OZ. FT.	0601710A	E46412 PRGY2	LR43341 4211-01

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

LEAD DATA

DRAWING REVISION	REVISION BY	DATE
F	CELINE ZHAO	05-23-2019
ECO	APPROVED BY	DATE
ECO-0166568	KEYUN GONG	05-23-2019
ECO DESCRIPTION		
SEE ECO		

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

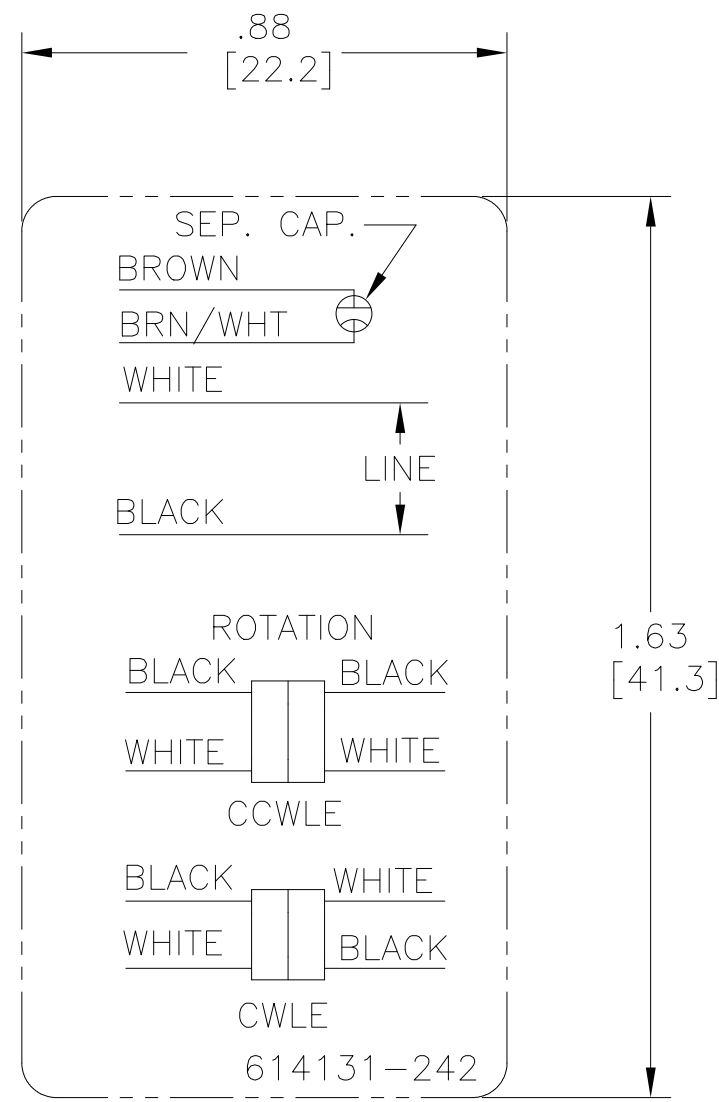
ENCLOSURE

DRAWN BY:	DATE:
A. MAJERA	05-04-2011
APPROVED BY:	DATE:
J. RUPERT	05-04-2011
REFERENCE	

THIRD ANGLE PROJECTION	SIZE (DWG NO)	C	FSE1008SF	SHEET	1
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NOTES:

1. ATTACH INSTRUCTION SHEET 681572-003 ONTO SHAFT APPROX. 1.0[25] FROM WATER SLINGER(OR 69P9-3 ONLY USED IN MEXICO)
2. (4)SCREWS 615982-001 & (4) EXTRA HEX NUTS 7555A19H01 TO BE PUT IN A POLYBAG.



- 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	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 INCH 125 mm 3.2 mm SHOWN IN [BRACKETS]	DRAWN BY: YL	REGAL™ Regal Beloit America, Inc.			
ECO NMR-0213140	APPROVED BY J. RUPERT	DATE 03-16-2022		DATE: 04-15-2011	DESCRIPTION CONNECTION DIAGRAM EXTERNAL			
ECO DESCRIPTION REVISED FOR UP ISSUED				APPROVED BY: HZ				
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				REFERENCE	.		.	
							THIRD ANGLE PROJECTION	