

PRODUCT INFORMATION PACKET



Model No: FE1036

Catalog No: FE1036

Condenser Fan Motor, 1/3 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 2 Speed, 48 Frame, TEAO



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Nameplate Specifications

Phase	1	Output HP	1/3 Hp
Output KW	0.25 kW	Voltage	208-230 V
Speed	1075 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	60 °C
Frequency	60 Hz	Current	1.8 A
Duty	Air Over	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Extended Studs	Motor Orientation	Vertical Shaft Up Or Down
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Double Flat
Overall Length	11.67 in	Frame Length	4.50 in
Shaft Diameter	0.500 in	Shaft Extension	6 in
Outline Drawing	F48A04A01-S01	Connection Drawing	614131-109

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GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.03] T.I.R. PER INCH[25.4mm]
LENGTH OF EXTENSION

BEARINGS: BALL

MOUNTING POSITION: VERTICAL SHAFT UP OR DOWN

ELECTRICAL DATA:

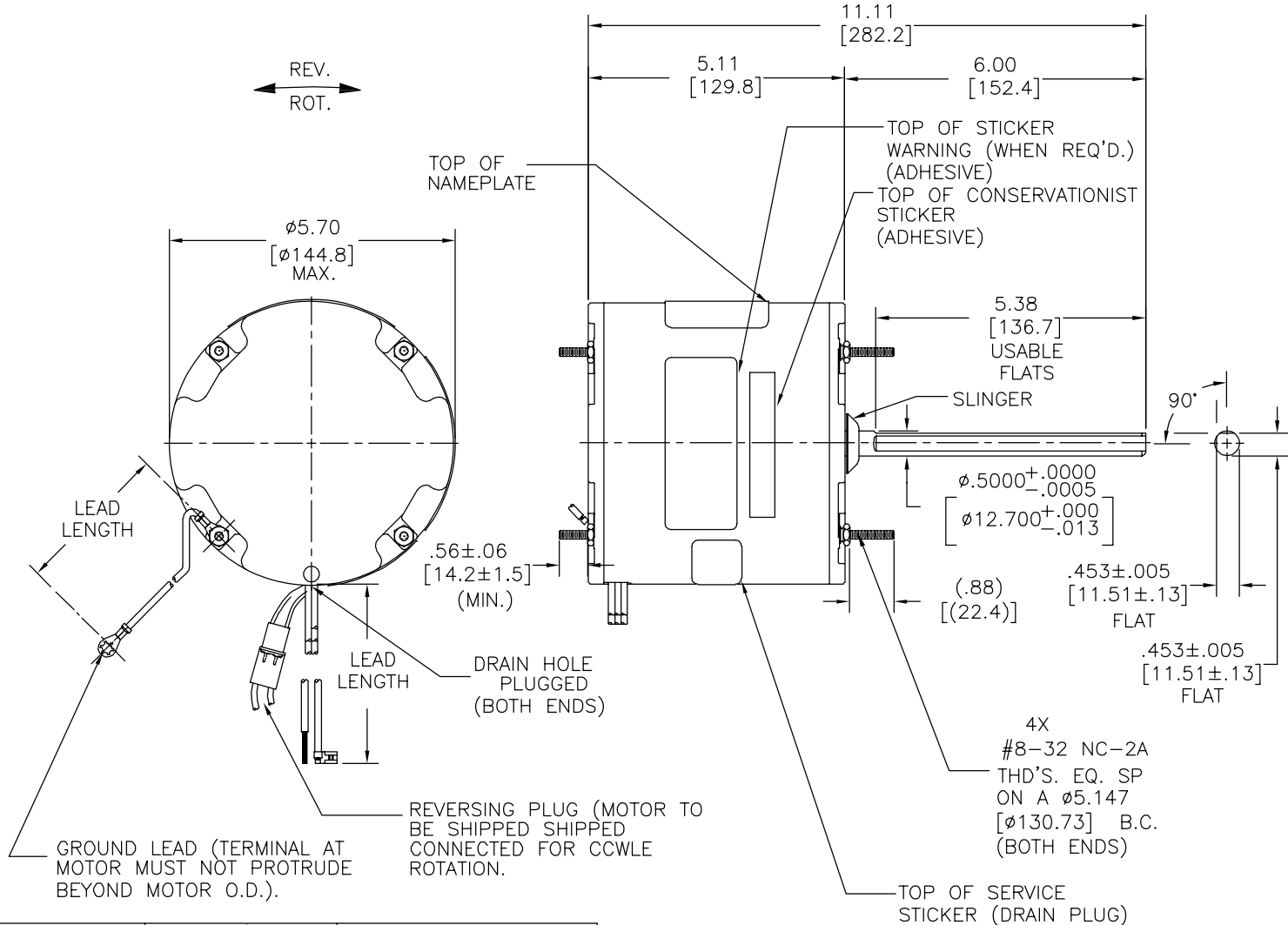
OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 036)

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.

REV	ECO	REV BY	DATE	APPD	DATE
B	0025547	I.MATA	04-30-2012	R.RASCON	04-30-2012

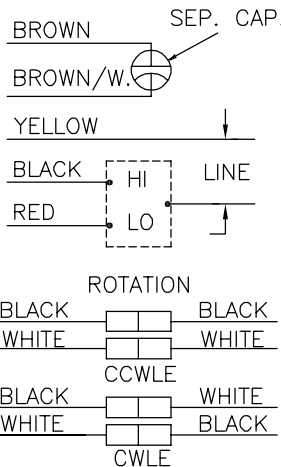


NAMEPLATE DATA:

MODEL NO.: F48A04A01
CUST. P/N: []
HP: 1/3
ROT.: REVERSIBLE
RPM: 1075/2 SPD
TYPE: UF
FRAME: 48Y
VOLTS: 208-230
PH: 1
AMPS: 1.8 (2.8 MAX.)
HZ: 60
INS.: B
AMB.: 60 °C
DUTY: AIR OVER
CAP: 7.5 MFD/370V
ENCL: ENCLOSED
CSA LOGO
UL LOGO
THERMALLY PROTECTED

SEE NOTE 1

EXTERNAL CONNECTION DIAGRAM



614131-109

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

NOTE:
1. DISTRIBUTION PART NUMBER: FE1036
GRAINGER PART NUMBER: 4MB43

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

CUST.	DISTRIBUTION SERVICE
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GEOMETRIC CHARACTERISTICS & SYMBOLS
□ FLATNESS
— STRAIGHTNESS
∠ ANGULARITY
⊥ PERPENDICULARITY (SQUARENESS)
// PARALLELISM
○ ROUNDNESS (CIRCULARITY)
⌀ CYLINDRICITY
△ PROFILE OF ANY SURFACE
⌒ PROFILE OF ANY LINE
↗ RUNOUT
⊕ TRUE POSITION
◎ CONCENTRICITY
≡ SYMMETRY

ASME Y14.5M 1994

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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

DR BY:	DZ	02-21-2011
APPD:	DZ	02-21-2011
THIRD ANGLE PROJECTION	EDS DATE 11-11-2011	FORMAT REV G
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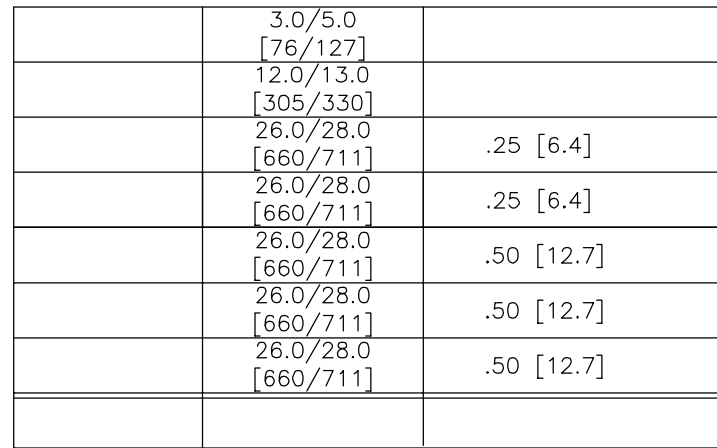
REGAL-BELOIT CORPORATION		
DESCRIPTION		
MODEL-RFHP-48FR OUTLINE		
SIZE	C	DWG NO F48A04A01
SCALE	NONE	SHEET 1

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MODEL-RFHP-48FR OUTLINE

比例	NONE
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页号	1
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形位公差	度
□ 平面	度
— 直线	度
∠ 倾斜	度
⊥ 垂直	度
// 平行	度
○ 圆	度
⊙ 圆柱	度
⌒ 圆弧	度
⌒ 轮廓	度
⌒ 轮廓	度
↗ 跳动	度
⊕ 位置	度
⊙ 同轴	度
≡ 对称	度

ASME Y14.5M 1994

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由客户自己决定。

未注公差尺寸仅供参考。

绘图:

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02-21-2011

批准:

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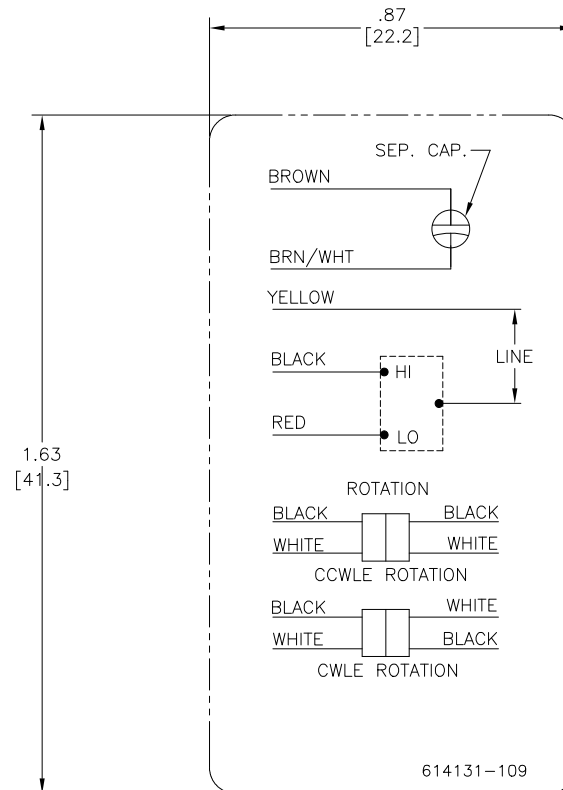
第三角投影



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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 C		REVISION BY J. RUPERT	DATE 08-24-2021	TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY: CZ	
ECO NMR-0210151		APPROVED BY J. RUPERT		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]		DATE: 11-20-2009	
ECO DESCRIPTION REVISED FOR UP ISSUE				REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] X 45° CORNER FILLETS R.02 [51] MACHINED SURFACES .125 INCH [3.175] mm		APPROVED BY: TR	
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				THIRD ANGLE PROJECTION		MATERIAL	
SIZE		DWG NO		PROCESS/FINISH		SHEET	
C		614131-109				1	