

PRODUCT INFORMATION PACKET



Model No: FE1036SC
Catalog No: FE1036SC
1/3 HP Condenser Fan Motor, 1075 RPM, 208-230 Volts, 48 Frame, TEAO
Condenser Fans Motors



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Nameplate Specifications

Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230 V
Current	2.6 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	48Y	Enclosure	Totally Enclosed
Thermal Protection	Automatic	Ambient Temperature	60 °C
UL	Recognized	CSA	Y
CE	N		

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	Steel	Shaft Type	Flat
Overall Length	11.17 in	Frame Length	4.00 in
Shaft Diameter	0.500 in	Shaft Extension	6.0 in
Outline Drawing	FE1036SC-S01	Connection Drawing	614131-242

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GENERAL INFORMATION:

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

BEARINGS: BALL

MOUNTING POSITION: ALL ANGLE

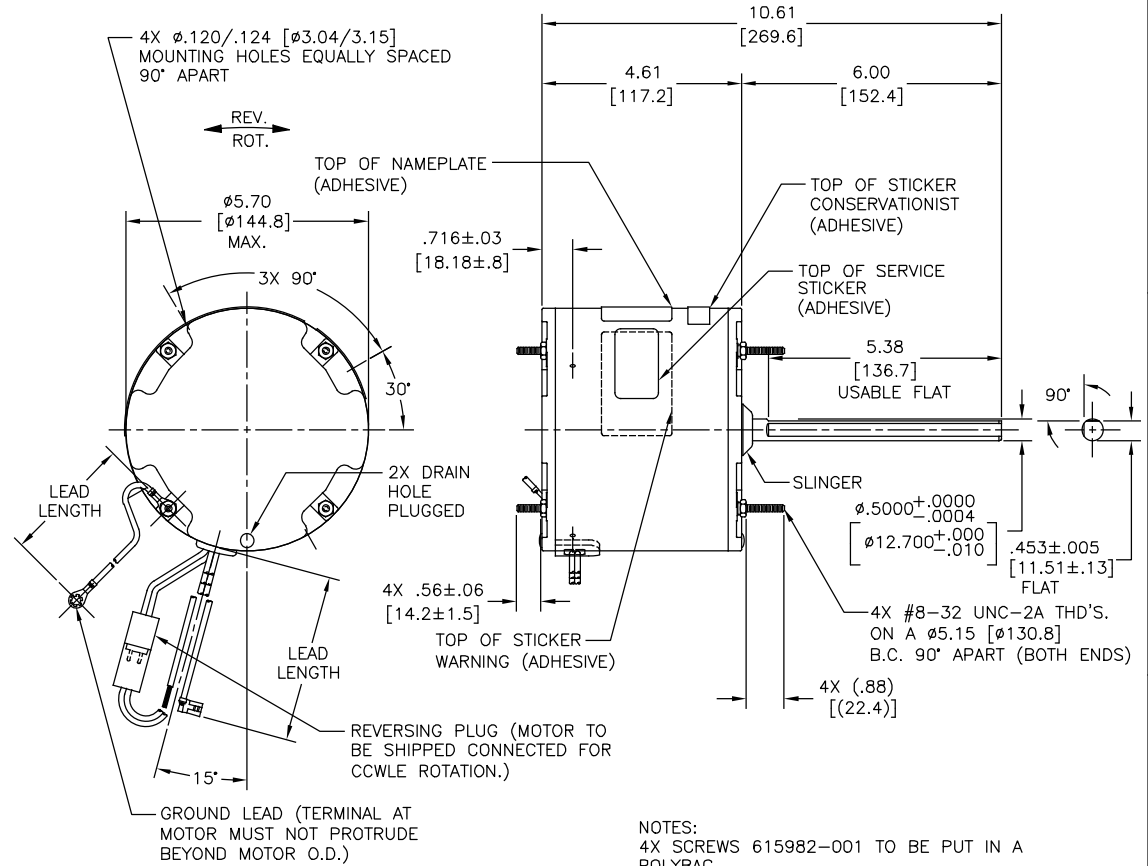
ELECTRICAL DATA:

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

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

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

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



NOTES:
4X SCREWS 615982-001 TO BE PUT IN A POLYBAG.

GREEN (GROUND)	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/WHITE	26.0/28.0 [660/711]	.25[6.4] FLAG
WHITE	26.0/28.0 [660/711]	.50 [12.7] SKIN
BLACK	26.0/28.0 [660/711]	.50 [12.7] 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.

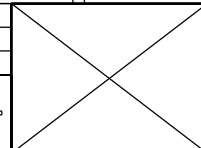
DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

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

NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48AD54A01 CUST. P/N: FE1036SC HP: 1/3 ROT.: REVERSIBLE RPM: 1075 TYPE: UF FRAME: 48Y VOLTS: 208-230 PH: 1 AMPS: 2.6 HZ: 60 INS.: B AMB.: 60° C DUTY: AIR OVER CAP.: 7.5 MFD/370 V ENCL: ENCLOSED UL LOGO CSA LOGO THERMALLY PROTECTED	SEP. CAP. BROWN BRN/WHT WHITE BLACK LINE ROTATION BLACK BLACK WHITE WHITE CCWLE WHITE BLACK WHITE WHITE BLACK CWLE

PERFORMANCE CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA
C0000711	34.7 OZ. FT.	0603279C	FILE # PRGY2	FILE # CLASS #
			E46412	LR43341 4211-01

DRAWING REVISION	REVISION BY	DATE
E	GELINE ZHAO	05-23-2019
ECO	KEYUN GONG	05-23-2019
ECO DESCRIPTION		
SEE ECO		



DRAWN BY:	JRUPERT
DATE:	05-26-2011
APPROVED BY:	
DATE:	05-26-2011
PROCESS/FINISH:	

Regal Beloit America, Inc.	
DESCRIPTION	MODEL-RFHP-48FR OUTLINE
MATERIAL	
SIZE	DWG NO FE1036SC
SHEET	1

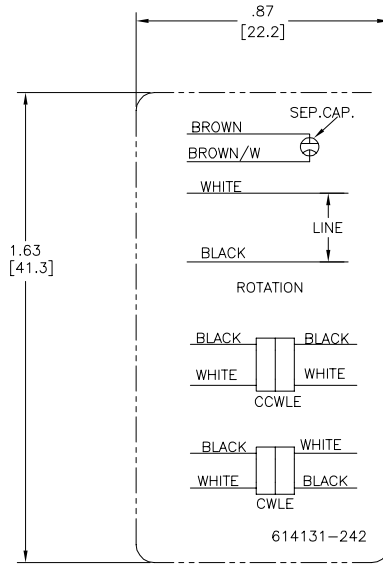
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REV	ECO	REV BY	DATE	APPD	DATE
D	0029048	D.RODRIGUEZ	10-18-2012	J.HESS	10-18-2012



- NOTES:
 1. FOR USE WITH 614129 OR 2513020-001 NAMEPLATE BLANKS
 2. ----- INDICATES DIMENSION LIMITS

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

UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:
INCH X XX XXX XXXX ±.1 ±.02 ±.005 ±.0005
mm ±0.5 ±0.13 ±0.013
ANG. ±.50 DEG
REMOVE BURRS & BREAK SHARP EDGES: INCH .003-.015 mm 0.1-.04
CORNER FILLETS TO: INCH .020 mm 0.5
MACHINE SURFACES: INCH 125 mm 3.2
METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:	YL	04-15-2011
APPD:	HZ	04-15-2011
THIRD ANGLE PROJECTION	⊕	EDS DATE 11-11-2011 FORMAT REV H
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REGAL REGAL-BELOIT CORPORATION	
DESCRIPTION CONN DIAGRAM-NAMEPLATE	
SIZE C	DWG NO 614131-242
SCALE NONE	SHEET 1

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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
D	0029048	D.RODRIGUEZ	10-18-2012	J.HESS	10-18-2012



NOTAS:
 1. PARA USO CON PLACA DE DATOS EN BLANCO REGAL-BELOIT BANKS
 2. INDICATES DIMENSION LIMITS
 2. INDICA LIMITES DE DIMENSION

CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS ▽ PLANICIDAD — RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESQUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ⌀ CILINDRICIDAD ~ PERFIL DE CUALQUIER SUPERFICIE ~ PERFIL DE CUALQUIER LINEA † VARIACION ⊕ POSICION REAL ⊙ CONCENRICIDAD ≡ SIMETRIA	A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS. SON LAS SIGUIENTES: PULG ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ±50 GRADOS ELIMINAR REBASAS Y ORILLAS FILOSAS DEL BORDE. PULG .003-.015 mm 0.1-0.4 FILETEAR ESQUINA: PULG .020 mm 0.5 MAQUINAR SUPERFICIES PULG 125 mm 3.2 DIMS METRICAS MOSTRADAS [PARENTESIS]	DIBUJADO POR: YL	04-15-2011	REGAL-BELOIT CORPORATION
		APROBADO POR: HZ	04-15-2011	
		TERCER ANGULO DE PROYECCION	FECHA EDS: 11-11-2011 REV. FORMATO: H	TAMAÑO: C
		CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE REGAL-BELOIT CORPORATION. Y NO DEBERAN SER REVELADOS, DUPLICADOS, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE REGAL-BELOIT CORPORATION. -TODOS LOS DERECHOS RESERVADOS.		NUMERO DE DIBUJO: 614131-242
				ESCALA: NONE
				HOJA: 1

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