

PRODUCT INFORMATION PACKET



Model No: DBL4411
Catalog No: DBL4411

Fan Coil & Air Conditioner Motor, 1/10 HP, 1 Ph, 60 Hz, 115 V, 1550 RPM, 4 Speed, 42 Frame, OAO



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Nameplate Specifications

Output HP	1/10 Hp	Output KW	0.07 kW
Frequency	60 Hz	Voltage	115 V
Current	3.5 A	Speed	1550 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	A
Frame	42Y	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	4

Technical Specifications

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise Lead End
Mounting	Resilient Ring/Extended Studs	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	22.00 in	Shaft Diameter	0.375 in
Shaft Extension	9.3X.38X9.3 in		
Outline Drawing	11927-057-S01	Connection Drawing	619105

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REV	ECO	REV BY	DATE	APPD	DATE
D	0025542	L.HEREDIA	04-25-2012	D.BALDERRAMA	04-25-2012

GENERAL INFORMATION:

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

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

BEARINGS: SLEEVE

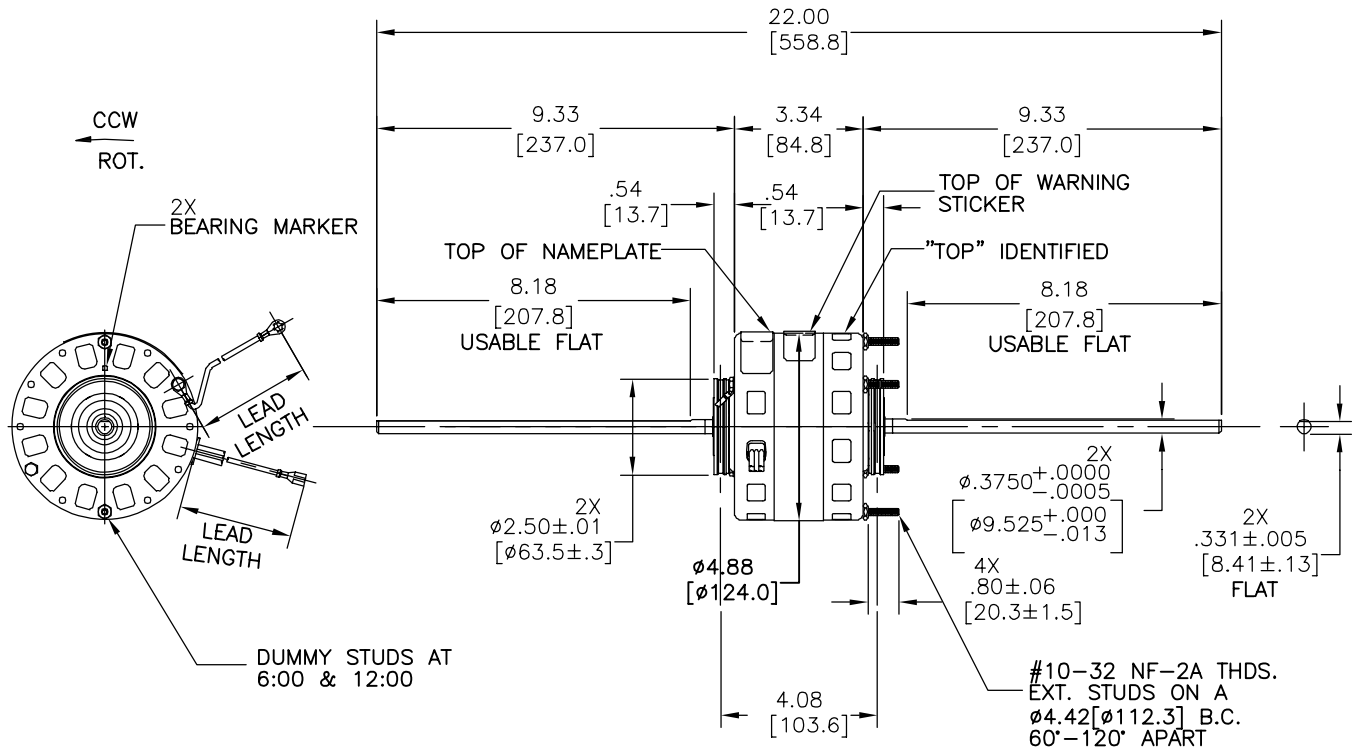
MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

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

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

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



NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: B42B07A01 CUST. P/N: [] [] [] [] [] [] HP: 1/10 ROT: CCWLE RPM: 1550/4 SPD. TYPE: FE FRAME: VOLTS: PH: 1 AMPS: 3.5 HZ: 60 INS: A AMB: 40C DUTY: AIR OVER CAP.: - UL & CSA LOGO THERMALLY PROTECTED TYPE C	

COLOR	LENGTH	TERMINAL OR STRIP LENGTH
GREEN (GRD)	3/5 [76/127]	#8 EYELET
RED	38.5/41.5 [978/1054]	.25[6.4] FEMALE SPADE
ORANGE	38.5/41.5 [978/1054]	.25[6.4] FEMALE SPADE
BLUE	38.5/41.5 [978/1054]	.25[6.4] FEMALE SPADE
BLACK	38.5/41.5 [978/1054]	.25[6.4] FEMALE SPADE
WHITE	38.5/41.5 [978/1054]	.25[6.4] FEMALE SPADE

NOTE:
 1. 1X MOUNTING BASE
 2X MOUNTING CLAMP ASSEMBLIES & 1X SCEW TO BE SHIPPED SEPARATELY IN EACH CARTON WITH MOTOR
 2. DISTRIBUTION PART NUMBER: DBL4411
 GRAINBER PART NUMBER: 4UU45

MAIN FRAME - OLE	OPEN
END FRAME - OLE	OPEN
MAIN FRAME - LE	OPEN
END FRAME - LE	OPEN

CUSTOMER	DISTRIBUTION SERVICE
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PERFORMANCE CURVE NO.	TORQUE @1550 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA
C32330	6.6 OZ. FT.	0443464A	E46412 PRGY2	LR43341 4211-01

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

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.

DR BY: GORDON 12-08-2004

APPD: PIATT 12-09-2004

EDS DATE 11-11-2011

FORMAT REV G

THIRD ANGLE PROJECTION

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REGAL-BELOIT CORPORATION

DESCRIPTION: OUTLINE

SIZE: C DWG NO: 11927-057

SCALE: NONE SHEET: 1

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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
D	0025542	L.HEREDIA	04-25-2012	D.BALDERRAMA	04-25-2012

INFORMACION GENERAL:

OSCILACION DE FLECHA:.004 [.03]

JUEGO AXIAL: -

BALEROS: -

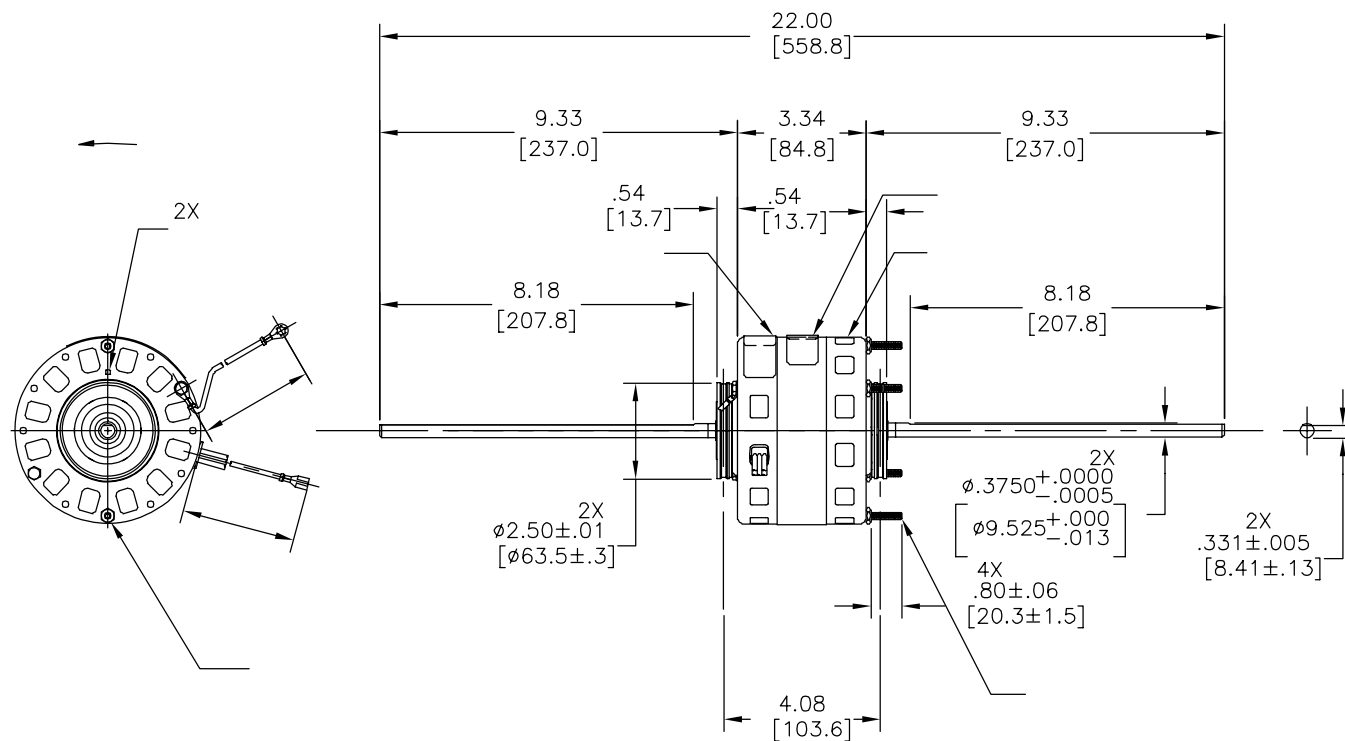
POSICION DEL MONTAJE: -

INFORMACION ELECTRICA:

PROTECTOR DE SOBRECARGA AUTOMATIC RESET (T.I. 7AM 304)

CABLES: -

CABLE DE TIERRA: -



SEE NOTE 2

INFORMACION DE ETIQUETA:	DIAGRAMA DE CONEXION EXTRNA
MODEL NO.: B42B07A01 CUST. P/N: [] [] [] [] [] [] HP: 1/10 ROT: CCWLE RPM: 1550/4 SPD. TYPE: FE FRAME: VOLTS: PH: 1 AMPS: 3.5 HZ: 60 INS: A AMB: 40C DUTY: AIR OVER CAP.: - UL & CSA LOGO THERMALLY PROTECTED TYPE C	

CURVAS DE FUNCIONAMIENTO	TORSION @ RPM (25C)	MUESTRA APROBADA	COMPONENTE UL		CSA	
C32330	6.6 OZ. FT.	0443464A	#ARCHIVO	CCN #	#ARCHIVO	CLASE #
			E46412	PRGY2	LR43341	4211-01

	3/5	
	[76/127]	
	38.5/41.5	.25[6.4]
	[978/1054]	
	38.5/41.5	.25[6.4]
	[978/1054]	
	38.5/41.5	.25[6.4]
	[978/1054]	
	38.5/41.5	.25[6.4]
	[978/1054]	
	38.5/41.5	.25[6.4]
	[978/1054]	

CARCASA - LOC	
TAPA - LOC	
CARCASA - LC	
TAPA - LC	

CLIENTE	
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CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS ▽ PLANICIDAD - RECTITUD < ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ∅ CILINDRICIDAD △ PERFIL DE CUALQUIER SUPERFICIE ▲ PERFIL DE CUALQUIER LINEA ↗ VARIACION ⊕ POSICION REAL ⊙ CONCENTRICIDAD ≡ SIMETRIA ASME Y14.5M 1994

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DIMENSIONES SIN TOLERANCIA SON DE REFERENCIA SOLAMENTE

DIBUJADO POR: GORDON	12-08-2004
APROBADO POR: PIATT	12-09-2004
TERCER ANGULO DE PROYECCION	FECHA EDS: 11-11-2011 REV. FORMATO: G
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DESCRIPCION:	OUTLINE
TAMAÑO: C	NUMERO DE DIBUJO: 11927-057
ESCALA: NONE	HOJA: 1

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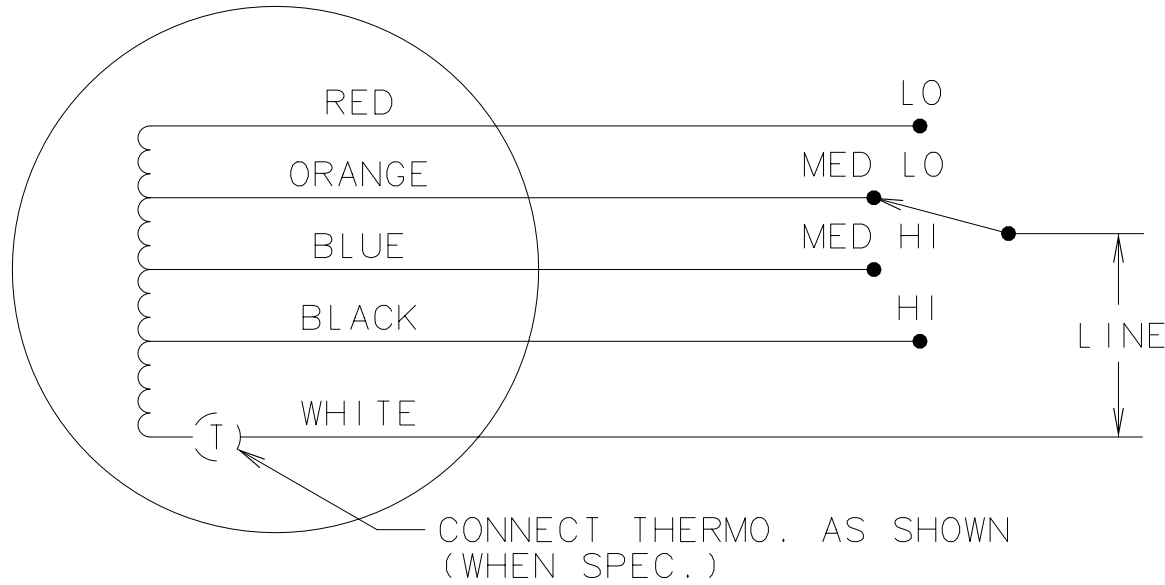
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QUALITY CONTROL NOTE:

- TO CHECK THE WINDINGS FOR OPENS, VERIFY THE CONTINUITY BETWEEN THE WHITE AND RED LEADS.



	DATE	CHANGED FROM	NOTICE	MATERIAL	PROCESS	A.O. SMITH ELECTRICAL PRODUCTS COMPANY TIPP CITY, OHIO		A DIVISION OF A.O. SMITH CORPORATION  COPYRIGHT 1992	
				FIRST MODEL 326P147	SHEET 1 OF 1	DRAWN BY HEATH	NPN NO. 18985	DESCRIPTION DIAG. MLW FR42 TYPE FE	
				NO. OF MODELS	REFERENCE	SCALE NONE	APPROVED BY	REL. DATE 08/14/89	PART NO.
				LIMITS UNLESS OTHERWISE SPECIFIED: FRACTIONS ± NONE ANGLES ± NONE DECIMALS ± NONE			GROUP CODE FR42	FILE CODE CONEXT	619105

* CADAM DWG. -DO NOT ALTER

B#10 (J) ✓