

PRODUCT INFORMATION PACKET



Model No: DB6503
Catalog No: DB6503

Fan Coil & Air Conditioner Motor, 1/8 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 1 Speed, 42 Frame, OAO



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Nameplate Specifications

Output HP	1/8 Hp	Output KW	0.10 kW
Frequency	60 Hz	Voltage	208-230 V
Current	1.2 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	42Y	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

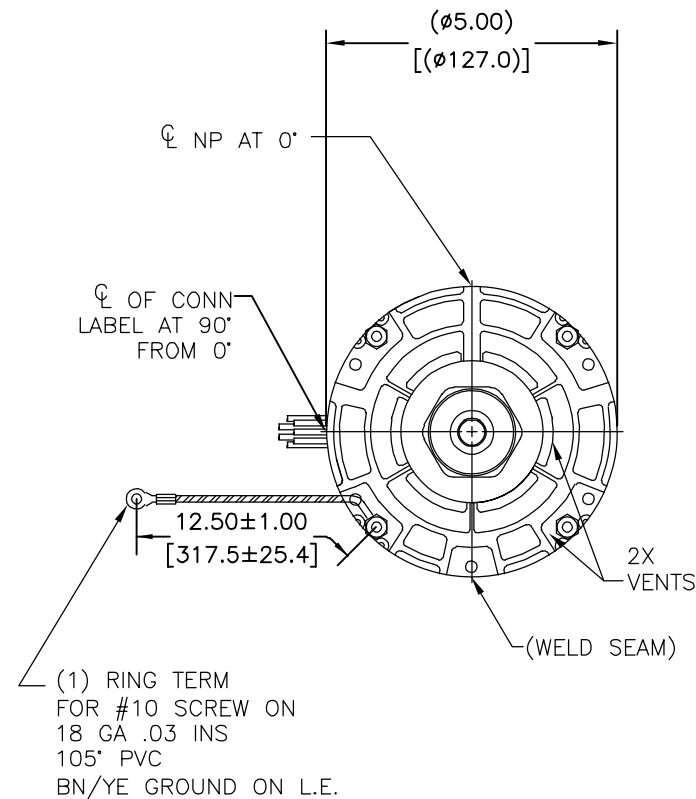
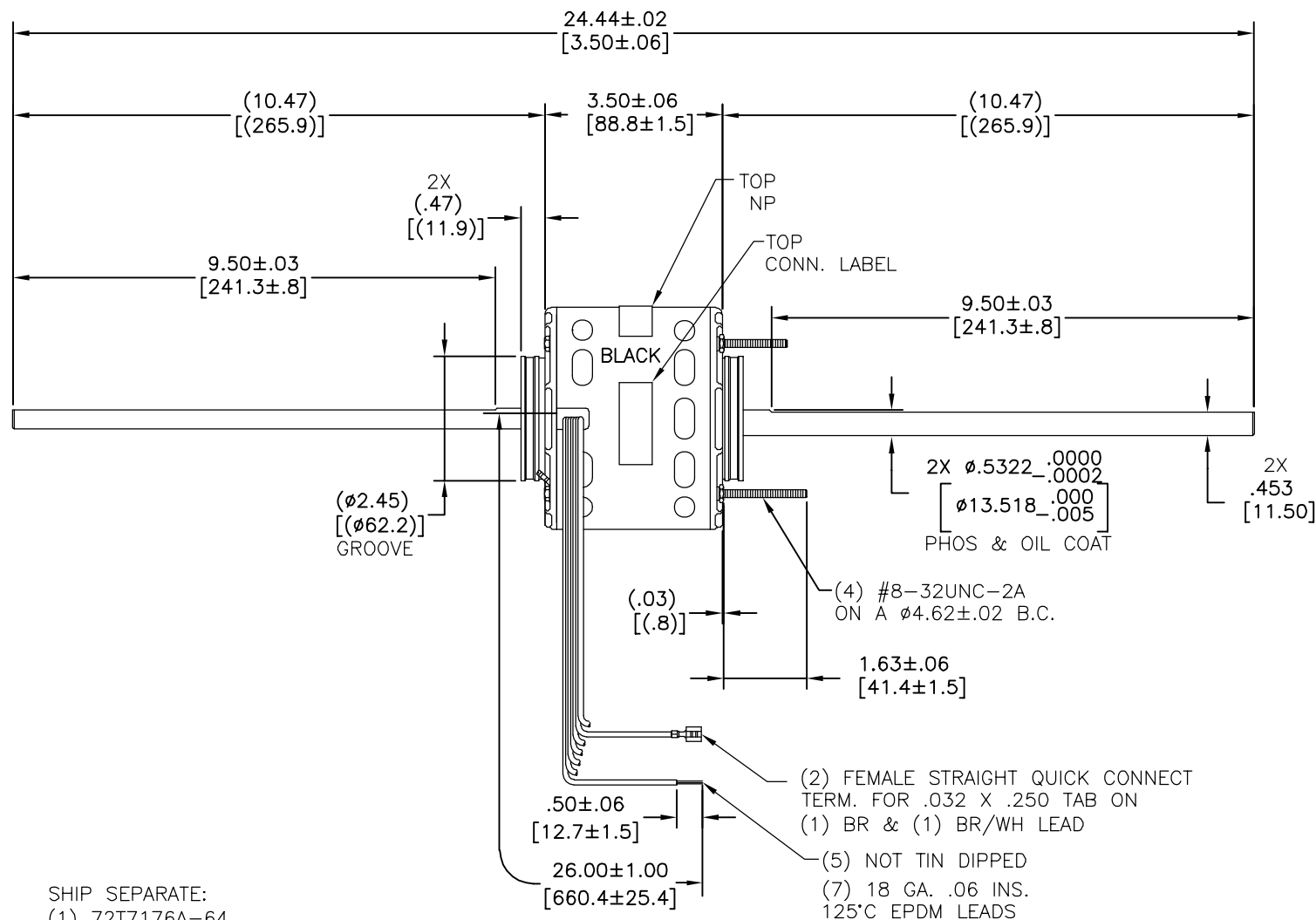
Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Counterclockwise Lead End
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	24.44 in	Frame Length	2.92 in
Shaft Diameter	0.500 in	Shaft Extension	10.5X.5X10.5 in
Outline Drawing	DE3E7278-S01		

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REV	ECO	REV BY	DATE	APPD	DATE
E	0036224	J.AGUILERA	10-02-2013	D.BALDERRAMA	10-02-2013

END PLAY: .005 MIN. - .040 MAX.
MAX. SHAFT RUNOUT .001 PER INCH
MAX. SHAFT RUNOUT NOT TO EXCEED .010



SHIP SEPARATE:
(1) 72T7176A-64 BAG ASSEMBLY
(1) 152T135-2 RESIL. BASE

NOTE:
1. DISTRIBUTION PART NUMBER: DB6503
GRAINGER PART NUMBER: 4MA87

ELECTRICALLY PER
SAMPLE 0442668
CURVE #32260

SCHEMATIC-29

ROT.: CCWLE

NAMEPLATE DATA:

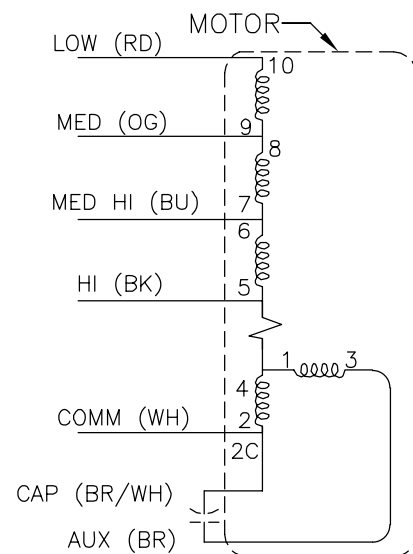


Tipp City, OH
THERMALLY PROTECTED



SER. DATE & PO# PLT LTR MOD DE3E278N'
VOLTS 208-230 HZ 60 AMPS 1.2
RPM 1075 SP PH 1 CAP 5MFD/370VAC
INS CL AMB 40 °C HP 1/8 AO
BRG SLV ASSEMBLED IN MEXICO

CONN. LABEL
2519817-001



GEOMETRIC CHARACTERISTICS & SYMBOLS
□ FLATNESS
— STRAIGHTNESS
∠ ANGULARITY
⊥ PERPENDICULARITY (SQUARENESS)
// PARALLELISM
○ ROUNDNESS (CIRCULARITY)
⊙ CYLINDRICITY
△ PROFILE OF ANY SURFACE
⌒ PROFILE OF ANY LINE
R RUNOUT
⊕ TRUE POSITION
◎ CONCENTRICITY
≡ SYMMETRY
ASME Y14.5M 1994

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:
INCH X XX XXX XXXX
mm ±.1 ±.02 ±.005 ±.0005
mm ±0.5 ±0.13 ±0.013
ANG. ±.50 DEG
REMOVE BURRS & BREAK SHARP EDGES:
INCH .003-.015 mm 0.1-0.4
CORNER FILLETS TO:
INCH .020 mm 0.5
MACHINE SURFACES:
INCH 125 mm 3.2
METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:

KGORDON

06-04-2004

APPD:

THIRD ANGLE PROJECTION



EDS DATE 11-11-2011
FORMAT REV H

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REGAL

REGAL-BELOIT CORPORATION

DESCRIPTION

MODEL-RFHP-42FR
OUTLINE

SIZE

C

DWG NO

DE3E7278

SCALE NONE

SHEET 1

24.44±.02
[3.50±.06]

(10.47)
[(265.9)]

3.50±.06
[88.8±1.5]

(10.47)
[(265.9)]

2X
(.47)
[(11.9)]

9.50±.03
[241.3±.8]

9.50±.03
[241.3±.8]

PARTE SUPERIOR DE PLACA DE DATOS

PARTE SUPERIOR DE ETIQUETA DE CONECCION

9.50±.03
[241.3±.8]

2X $\phi .5322_{-.0002}^{.0000}$
[$\phi 13.518_{-.005}^{.000}$]

2X
.453
[11.50]

(.03)
[(.8)]

(4) #8-32UNC-2A
EN UN $\phi 4.62 \pm .02$ ENTRE CENTROS

1.63±.06
[41.4±1.5]

(2) CONECCION RAPIDA DE TERMINAL HEMBRA
TERMINAL PARA .032 X .250 TERMINAL DE
CABLE (1) CAFE Y (1) CAFE/BLANCO

(5) NO ESTA BAÑADO EN ESTAÑO

(7) 18 GA. .06 AISLANTE.
125°C EPDM CABLES

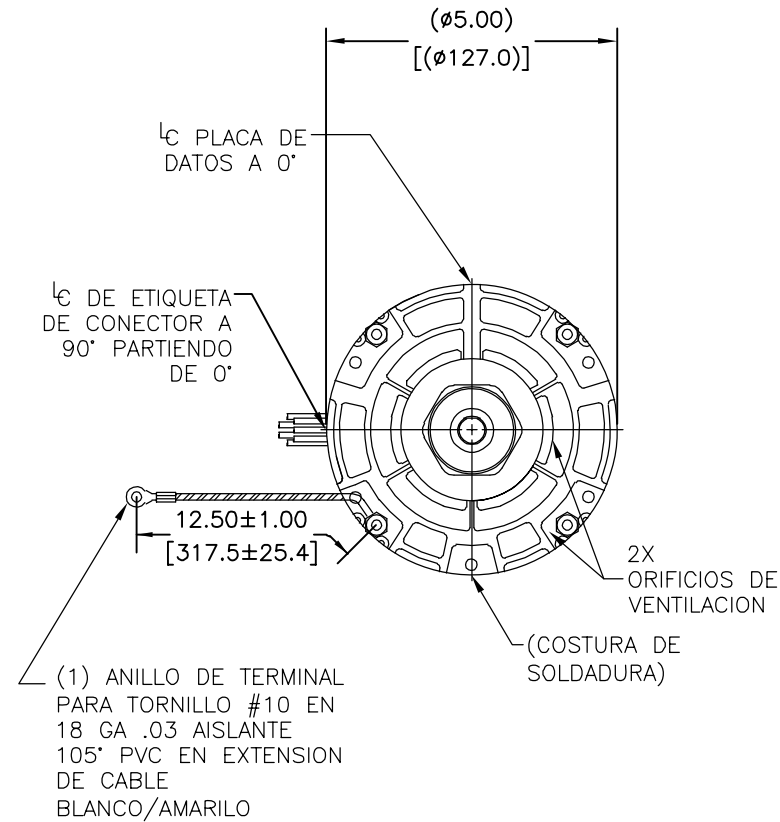
(.50±.06)
[12.7±1.5]

26.00±1.00
[660.4±25.4]

($\phi 2.45$)
[($\phi 62.2$)]
RANURA

EMBARCAR POR SEPARADO:
(1) 72I7176A-64

ELECTRICAMENTE POR
MUESTRA 0442668
CURVA #32260



—VER NOTA



Tipp City, OH
THERMALLY PROTECTED



ETIQUETA DE
CONECTOR
2519817-001

∇	PLANICIDAD	
—	RECTITUD	
∠	ANGULARIDAD	
⊥	PERPENDICULARIDAD (A ESQUADRA)	
∥	PARALELISMO	
⊙	REDONDEZ (CIRCULARIDAD)	
⊘	CILINDRICIDAD	
⌒	PERFIL DE CUALQUIER SUPERFICIE	
⌒	PERFIL DE CUALQUIER LINEA	
⌒	VARIACION	
⊕	POSICION REAL	
⊗	CONCENTRICIDAD	
⊖	SIMETRIA	ASME Y14.5M.1

ASME Y14.5M 1994

A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS. SON LAS SIGUIENTES:

PULG	$\pm .1$	$\pm .02$	$\pm .005$	$\pm .0005$
mm	$\pm .5$	$\pm .13$	$\pm .013$	

ANG. $\pm .50$ GRADOS
ELIMINAR REBABAS 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
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4 | DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR: KGORDON

APROBADO POR:

TERCER ANGULO
DE PROYECCION

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06-04-2004

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FECHA EDS: 11-
REV. FORMATO: E

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LOS DERECHOS RESERVADOS.

REGAL

REGAL-BELOIT CORPORATION

DESCRIPCION:	
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MODEL-RFHP-42FR
OUTLINE

DE TAMAÑO:	
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NUMERO DE DIBUJO:	DF3F7278
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ESCALA: NONE

HOJA:	1
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