

PRODUCT INFORMATION PACKET



Model No: H686

Catalog No: H686

1.0 HP Condenser Fans HVAC/R Motor, 3 phase, 900 RPM, 460/200-230 V, 56Y Frame, OPEN
Condenser Fans Motors



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The REGAL logo consists of the word 'REGAL' in a bold, white, sans-serif font, set against a dark grey rectangular background with a slight shadow effect.

REGAL



Nameplate Specifications

Output HP	1.0 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	460/200-230 V
Current	2.0/4.4-4.0 A	Speed	850 rpm
Service Factor	1	Phase	3
Duty	Continuous Air Over	Insulation Class	B
Frame	U56Y	Enclosure	Open Enclosed
Thermal Protection	Thermally Protected	Ambient Temperature	60 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Polyphase, Induction Type, Single Or Dual Voltage	Starting Method	Across The Line
Poles	8	Rotation	Reversible Clockwise
Mounting	Round	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	14.30 in
Frame Length	7.00 in	Shaft Diameter	0.625 in
Shaft Extension	4.974 in		

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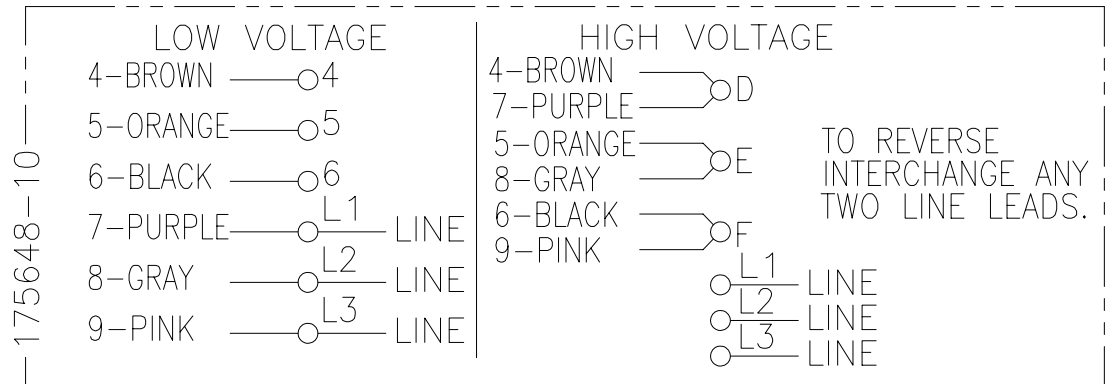
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REV	ECO	REV BY	DATE	APPD	DATE
C	ECO-0027036	J. COX	11-19-2012	C. McREYNOLDS	11-19-2012



175648-10

- NOTES:
1. DOTTED BOX REPRESENTS TOTAL PRINTED AREA ALLOWED FOR CONNECTION DIAGRAM TO FIT IN (2.13 X .75) [(541.0 X 19.1)]. SEE NAMEPLATE DRAWING 170500 OR 170501 FOR LOCATION.
 2. CHARACTERS ARE TO BE A MINIMUM OF .03[.8] TO .06[1.5] MAXIMUM IN HEIGHT.
 3. DETAIL ARE NOT TO BE COPIED FROM DRAWING, BUT ARE TO BE REPRODUCED FROM ORIGINAL ARTWORK FURNISHED.

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GEOMETRIC CHARACTERISTICS & SYMBOLS ▭ FLATNESS — STRAIGHTNESS < ANGLARITY ⊥ PERPENDICULARITY (SQUARENESS) // PARALLELISM ○ ROUNDNESS (CIRCULARITY) ∅ CYLINDRICITY △ PROFILE OF ANY SURFACE ∩ PROFILE OF ANY LINE / RUNOUT ⊕ TRUE POSITION ◎ CONCENTRICITY = SYMMETRY	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 0.1-0.4 CORNER FILLETS TO: INCH .020 mm 0.5 MACHINE SURFACES: INCH 125 mm 3.2 METRIC DIMS. SHOWN IN [BRACKETS]	DR BY: PLM	02-17-1989	REGAL-BELOIT CORPORATION			
		APPD: MH	02-21-1989		DESCRIPTION	CONN DIAGRAM-NAMEPLATE	
		THIRD ANGLE PROJECTION	EDS DATE 11-11-2011	SIZE	B	DWG NO	17564810
		CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF REGAL-BELOIT CORPORATION AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF REGAL-BELOIT CORPORATION. -ALL RIGHTS RESERVED.		SCALE	NONE	SHEET	1

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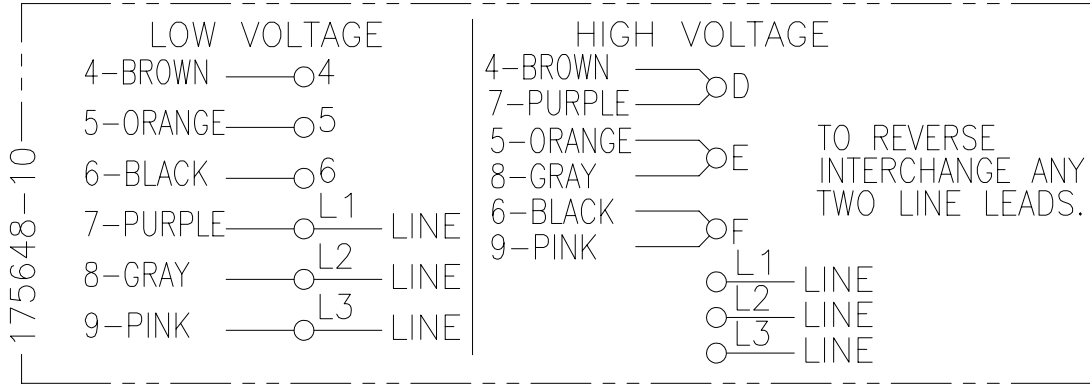
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	ECO-0027036	J. COX	11-19-2012	C. McREYNOLDS	11-19-2012



NOTAS:

1. LA CAJA PUNTEADA REPRESENTA EL AREA TOTAL DE IMPRESION PERMITIDA PARA EL DIAGRAMA DE CONEXION AJUSTADO EN (2.13 X .75) [(541.0 X 19.1)]. VER LA PLACA DE DATOS EN EL DIBUJO 170500 O 170501 PARA UBICACION.
2. CARACTERES DEBEN ESTAR A UNA ALTURA MINIMA DE .03[.8] A UNA MAXIMA DE .06[1.5].
3. LOS DETALLES NO SERAN COPIADOS AL DIBUJO, PERO DEBEN SER PRODUCIDOS DESDE EL BOCETO ORIGINAL PROPORCIONADO.

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

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

	X	XX	XXX	XXXX
PULG	±.1	±.02	±.005	±.0005
mm	±0.5	±0.13	±0.013	

ANG. ±.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

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:	PLM	02-17-1989
APROBADO POR:	MH	02-21-1989
TERCER ANGULO DE PROYECCION		FECHA EDS: 11-11-2011 REV. FORMATO: H
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.		



DESCRIPCION:	CONN DIAGRAM-NAMEPLATE	
TAMAÑO:	B	NUMERO DE DIBUJO: 17564810
ESCALA:	NONE	HOJA: 1

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