

# PRODUCT INFORMATION PACKET



Model No: H852L

Catalog No: H852L

Fan and Blower Motor, 1.0 HP, 3 Ph, 60 Hz, 460/200-230 V, 1800 RPM, M56H Frame, ODP



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### Nameplate Specifications

Phase	3	Output HP	1.0 Hp
Output KW	0.75 kW	Voltage	460/200-230 V
Speed	1725 rpm	Service Factor	1.15
Frame	M56H	Enclosure	Open Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
Frequency	60 Hz	Current	2.0/3.7-4.0 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

### Technical Specifications

Electrical Type	Polyphase, Induction Type, Single Or Dual Voltage	Starting Method	Across The Line
Poles	4	Rotation	Reversible Counterclockwise
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	12.69 in
Frame Length	6.75 in	Shaft Diameter	0.625 in
Shaft Extension	1.943 in		
Connection Drawing	17564810.PCX	Outline Drawing	H852L-S01

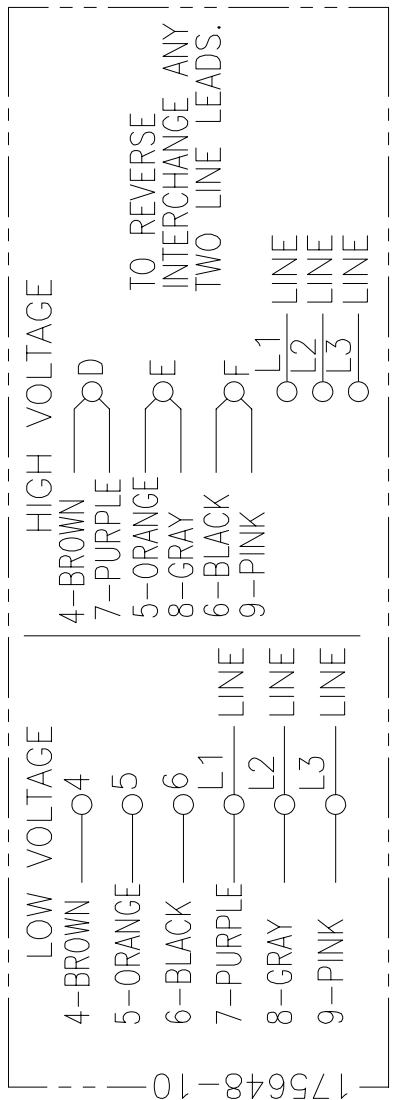
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REV	ECO	REV BY	DATE	APPD	DATE
C	ECO-0027036	J. COX	11-19-2012	C. McREYNOLDS	11-19-2012



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.

GEOMETRIC CHARACTERISTICS & SYMBOLS ▮ FLATNESS — STRAIGHTNESS < ANGULARITY ∥ PARALLELISM ⊥ PERPENDICULARITY (SQUARENESS) ○ 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 mm ±.1 ±.02 ±.005 ±.0005 ANG. ±.50 DEG ±0.13 ±0.013 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	DR BY: PLM	02-17-1989
		APPD: MH	02-21-1989
THIRD ANGLE PROJECTION		EDS DATE	11-11-2011
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ASME Y14.5M 1994 METRIC DIMS. SHOWN IN [BRACKETS]		DESCRIPTION	CONN DIAGRAM-NAMEPLATE
		SIZE	B DWG NO 17564810
		SCALE	NONE SHEET 1



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4	3	2	1
REVISION: ECO C ECO-0027036		REVISADO POR: J. COX FECHA: 11-19-2012	APROBADO POR: C. McREYNOLDS FECHA: 11-19-2012
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>LOW VOLTAGE</b></p> <p>4-BROWN —○4</p> <p>5-ORANGE —○5</p> <p>6-BLACK —○6</p> <p>7-PURPLE —○L1 LINE</p> <p>8-GRAY —○L2 LINE</p> <p>9-PINK —○L3 LINE</p> </div> <div style="width: 45%; border-left: 1px dashed black; padding-left: 10px;"> <p><b>HIGH VOLTAGE</b></p> <p>4-BROWN —○D</p> <p>7-PURPLE —○E</p> <p>5-ORANGE —○E</p> <p>8-GRAY —○E</p> <p>6-BLACK —○F</p> <p>9-PINK —○L1 LINE</p> <p>—○L2 LINE</p> <p>—○L3 LINE</p> </div> </div> <p style="text-align: center;">TO REVERSE INTERCHANGE ANY TWO LINE LEADS.</p>			
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) ⊙ PERFIL DE CUALQUIER SUPERFICIE ⊙ PERFIL DE CUALQUIER LINEA ⊕ VARIACION ⊕ POSICION REAL ⊙ CONCENTRICIDAD ⊖ SIMETRIA		DIBUJADO POR: PLM APROBADO POR: MH TERCER ANGULO DE PROYECCION 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.	
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 REBABAS Y ORILLAS FILOSAS DEL BORDE. PULG .003-.015 mm 0.1-0.4 FILETEAR ESQUINA: PULG .020 mm 0.5 MAQUINAR SUPERFICIES PULG √29 mm √3.2		DESCRIPCION: CONN DIAGRAM—NAMEPLATE TAMANO: B NUMERO DE DIBUJO: 17564810 ESCALA: NONE HOJA: 1	
ASME Y14.5M 1994 DIMS METRICAS MOSTRADAS [PARENTESIS]		REGAL-BELOIT CORPORATION	