

# PRODUCT INFORMATION PACKET



Model No: H842V1  
Catalog No: H842V1

1.0 HP General Purpose Motor, 3 phase, 3600 RPM, 460/200-230 V, 56H Frame, ODP  
Three Phase ODP Motors



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The REGAL logo consists of the word 'REGAL' in a bold, white, sans-serif font, centered within a dark gray, trapezoidal shape that tapers to the right. This logo is positioned on a blue background with a halftone dot pattern that runs vertically down the right side of the page.

REGAL



**Nameplate Specifications**

Output HP	1.0 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	460/200-230 V
Current	1.8/3.5-3.6 A	Speed	3450 rpm
Service Factor	1.4	Phase	3
Duty	Continuous	Insulation Class	B
Frame	M56H	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

**Technical Specifications**

Electrical Type	Polyphase, Induction Type, Single Or Dual Voltage	Starting Method	Across The Line
Poles	2	Rotation	Reversible Counterclockwise
Mounting	Cushion 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	1.94 in		

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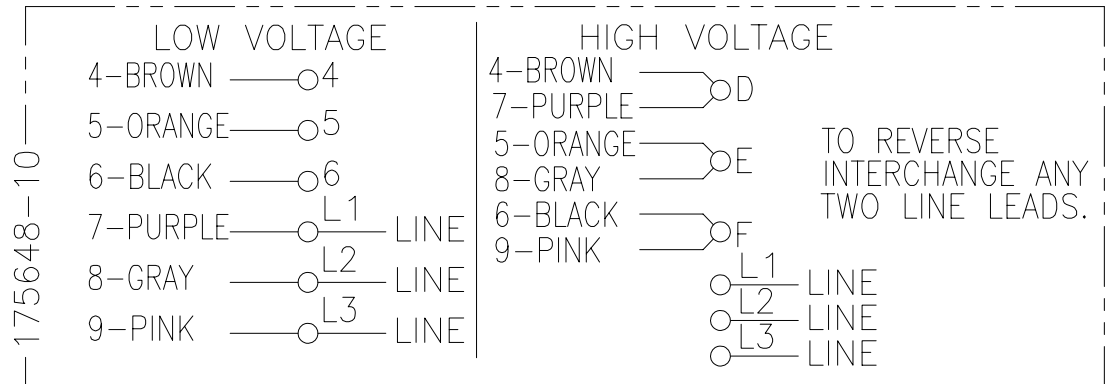
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REV	ECO	REV BY	DATE	APPD	DATE
C	ECO-0027036	J. COX	11-19-2012	C. McREYNOLDS	11-19-2012



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.

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	±.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
APPD:	MH	02-21-1989
THIRD ANGLE PROJECTION		EDS DATE 11-11-2011 FORMAT REV H
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		<b>REGAL-BELOIT CORPORATION</b>	
DESCRIPTION CONN DIAGRAM-NAMEPLATE			
SIZE	B	DWG NO	17564810
SCALE	NONE	SHEET	1

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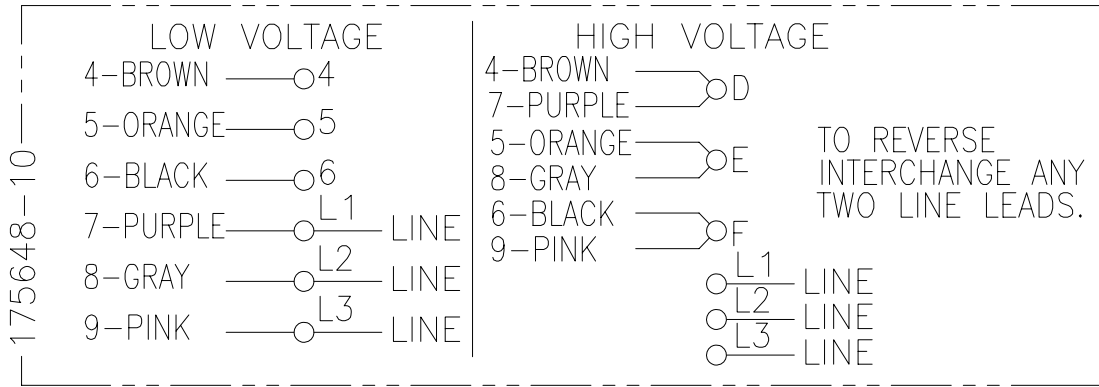
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	ECO-0027036	J. COX	11-19-2012	C. McREYNOLDS	11-19-2012



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	ASME Y14.5M 1994
□ PLANICIDAD	
— RECTITUD	
∠ ANGULARIDAD	
⊥ PERPENDICULARIDAD (A ESCUADRA)	
// PARALELISMO	
○ REDONDEZ (CIRCULARIDAD)	
⊘ CILINDRICIDAD	
⊖ PERFIL DE CUALQUIER SUPERFICIE	
⊕ PERFIL DE CUALQUIER LINEA	
∕ VARIACION	
⊕ POSICION REAL	
⊙ CONCENTRICIDAD	
≡ SIMETRIA	

A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES:
PULG X XX XXX XXXX
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
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<b>REGAL REGAL-BELOIT CORPORATION</b>	
DESCRIPCION:	
CONN DIAGRAM-NAMEPLATE	
TAMAÑO: B	NUMERO DE DIBUJO: 17564810
ESCALA: NONE	HOJA: 1

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