

# PRODUCT INFORMATION PACKET



Model No: H841V1  
Catalog No: H841V1

3/4 HP General Purpose Motor, 3 phase, 3600 RPM, 460/200-230 V, 56 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	<b>3/4 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>460/200-230 V</b>
Current	<b>1.4/2.8-2.8 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.5</b>	Phase	<b>3</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Frame	<b>M56</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>Thermally Protected</b>	Ambient Temperature	<b>40 °C</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>N</b>		

**Technical Specifications**

Electrical Type	<b>Polyphase, Induction Type, Single Or Dual Voltage</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Reversible Counterclockwise</b>
Mounting	<b>Cushion Base</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>Keyed</b>	Overall Length	<b>12.69 in</b>
Frame Length	<b>6.75 in</b>	Shaft Diameter	<b>0.625 in</b>
Shaft Extension	<b>1.94 in</b>		

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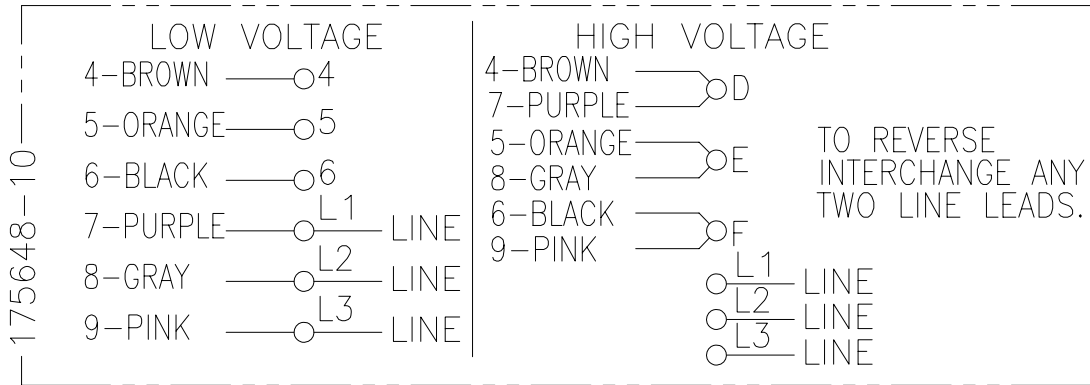
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REV	ECO	REV BY	DATE	APPD	DATE
C	ECO-0027036	J. COX	11-19-2012	C. McREYNOLDS	11-19-2012



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  
 < 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  
 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  
 EDS DATE 11-11-2011  
 FORMAT REV H  
 THIRD ANGLE PROJECTION  
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DESCRIPTION	
CONN DIAGRAM-NAMEPLATE	
SIZE B	DWG NO 17564810
SCALE NONE	SHEET 1

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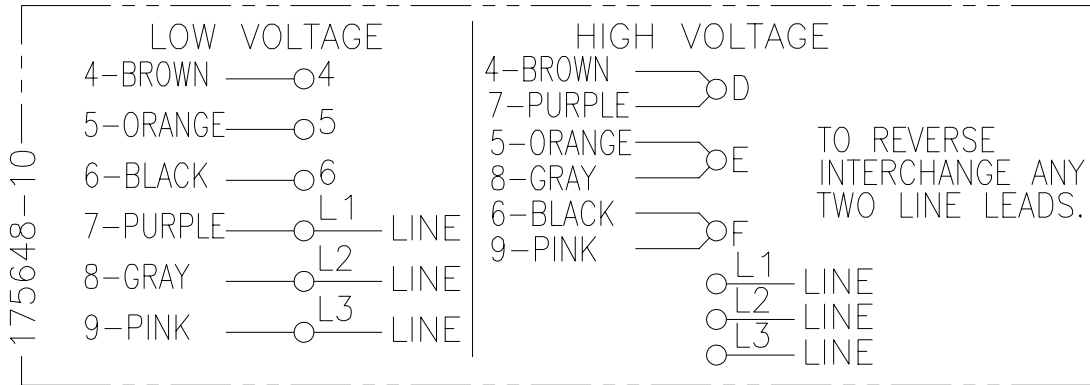
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	ECO-0027036	J. COX	11-19-2012	C. McREYNOLDS	11-19-2012



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

- 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
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		<b>REGAL-BELOIT CORPORATION</b>	
DESCRIPCION:			
CONN DIAGRAM-NAMEPLATE			
TAMAÑO:	B	NUMERO DE DIBUJO:	17564810
ESCALA:	NONE	HOJA:	1

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