

PRODUCT INFORMATION PACKET



Model No: DB4405
Catalog No: DB4405
1/10-1/15-1/20 HP Fan & Blower Motor, 1550 RPM, 3 Speed, 230 Volts, 42 Frame, OAO
Direct Drive Motors



Regal and Century are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2020 Regal Beloit Corporation, All Rights Reserved. MC017097E

The REGAL logo is a grey, trapezoidal shape with the word 'REGAL' in white, bold, uppercase letters inside it. It is positioned on the right side of the page, near the bottom, and is partially overlaid by a blue and black halftone pattern that runs vertically down the right edge of the page.

REGAL



Nameplate Specifications

Output HP	1/10,1/15,1/20 Hp	Output KW	0.07 kW
Frequency	60 Hz	Voltage	230 V
Current	1.8,0.9,0.7 A	Speed	1550 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	A
Frame	42Y	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise Lead End
Mounting	Resilient Base	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	22.00 in	Shaft Diameter	0.500 in
Shaft Extension	9.3 X.5X 9.3 in		
Connection Drawing	263B929F01	Outline Drawing	11927-009-S01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:06/11/2020

4	3	2	1																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>REV</td> <td>ECO</td> <td>REV BY</td> <td>DATE</td> <td>APPD</td> <td>DATE</td> </tr> <tr> <td>G</td> <td>0026394</td> <td>H.ZHOU</td> <td>05-29-2012</td> <td>B.SHEN</td> <td>05-29-2012</td> </tr> </table>				REV	ECO	REV BY	DATE	APPD	DATE	G	0026394	H.ZHOU	05-29-2012	B.SHEN	05-29-2012																
REV	ECO	REV BY	DATE	APPD	DATE																										
G	0026394	H.ZHOU	05-29-2012	B.SHEN	05-29-2012																										
<p>GENERAL INFORMATION:</p> <p>SHAFT RUNOUT: .001 [.03] T.I.R. PER INCH LENGTH OF EXTENSION</p> <p>END PLAY: .010 TO .063 [.25 TO 1.60]</p> <p>BEARINGS: SLEEVE</p> <p>MOUNTING POSITION: HORIZONTAL</p>																															
<p>ELECTRICAL DATA:</p> <p>OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 034)</p> <p>LEADS: NO. 18 GA., .03 [.8] THK. PVC 125°C INSUL.</p> <p>GROUND LEAD: NO. 18 GA., .03 [.8] THK. GREEN INSUL. SEE NOTE 1</p>																															
<p>NAMEPLATE DATA:</p> <p>MODEL NO.: 322P218 CUST. P/N: [-----] HP: 1/10, 1/15, 1/20 ROT.: CCWLE RPM: 1550 TYPE: FE FRAME: 42Y VOLTS: 230 PH: 1 AMPS: 1.8, 0.9, 0.7 HZ: 60 INS.: A AMB.: 40° C DUTY: AIR OVER CAP.: ENCL: UL LOGO CSA LOGO THERMALLY PROTECTED TYPE C</p>		<p>EXTERNAL CONNECTION DIAGRAM</p>																													
<p>PERFORMANCE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CURVE NO.</th> <th>TORQUE @ 1075 RPM (25°C)</th> <th>APPROVED SAMPLE</th> <th>UL COMPONENT</th> <th>CSA</th> </tr> <tr> <td>670189</td> <td>6.0 OZ. FT.</td> <td>PM 5076</td> <td>E46412 PRGY2</td> <td>LR43341 4211-01</td> </tr> </table>		CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA	670189	6.0 OZ. FT.	PM 5076	E46412 PRGY2	LR43341 4211-01	<p>LEAD DATA</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>GREEN GROUND</th> <th>CONNECTED TO BASE</th> <th>#8 EYELET</th> </tr> </thead> <tbody> <tr> <td>RED</td> <td>38.5/40.5 [978/1029]</td> <td>.25[6.3] FEMALE SPADE</td> </tr> <tr> <td>BLUE</td> <td>38.5/40.5 [978/1029]</td> <td>.25[6.3] FEMALE SPADE</td> </tr> <tr> <td>BLACK</td> <td>38.5/40.5 [978/1029]</td> <td>.25[6.3] FEMALE SPADE</td> </tr> <tr> <td>WHITE</td> <td>38.5/40.5 [978/1029]</td> <td>.25[6.3] FEMALE SPADE</td> </tr> <tr> <td>COLOR</td> <td>LENGTH</td> <td>TERMINAL OR STRIP LENGTH</td> </tr> </tbody> </table>		GREEN GROUND	CONNECTED TO BASE	#8 EYELET	RED	38.5/40.5 [978/1029]	.25[6.3] FEMALE SPADE	BLUE	38.5/40.5 [978/1029]	.25[6.3] FEMALE SPADE	BLACK	38.5/40.5 [978/1029]	.25[6.3] FEMALE SPADE	WHITE	38.5/40.5 [978/1029]	.25[6.3] FEMALE SPADE	COLOR	LENGTH	TERMINAL OR STRIP LENGTH
CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA																											
670189	6.0 OZ. FT.	PM 5076	E46412 PRGY2	LR43341 4211-01																											
GREEN GROUND	CONNECTED TO BASE	#8 EYELET																													
RED	38.5/40.5 [978/1029]	.25[6.3] FEMALE SPADE																													
BLUE	38.5/40.5 [978/1029]	.25[6.3] FEMALE SPADE																													
BLACK	38.5/40.5 [978/1029]	.25[6.3] FEMALE SPADE																													
WHITE	38.5/40.5 [978/1029]	.25[6.3] FEMALE SPADE																													
COLOR	LENGTH	TERMINAL OR STRIP LENGTH																													
<p>GEOMETRIC CHARACTERISTICS & SYMBOLS</p> <ul style="list-style-type: none"> □ FLATNESS - STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) ∥ PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⊘ CYLINDRICITY ⌒ PROFILE OF ANY SURFACE ⌒ PROFILE OF ANY LINE ↑ RUNOUT ⊕ TRUE POSITION ⊙ CONCENTRICITY ≡ SYMMETRY <p style="text-align: right;">ASME Y14.5M 1994</p>		<p>REGAL-BELOIT CORPORATION (RBC) PROVIDES TECHNICAL ASSISTANCE TO OUR CUSTOMERS IN SEVERAL AREAS. SINCE RBC DOES NOT RECEIVE ALL DATA CONCERNING THE USE AND APPLICATION OF THE MOTOR, THE SUITABILITY OF THE MOTOR FOR THE APPLICATION MUST BE DETERMINED BY THE CUSTOMER.</p> <p>DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.</p>																													
<p>DR BY: D JONES APPD: W HEAL THRD ANGLE PROJECTION</p>		<p>12-04-1995 EDS DATE 11-11-2011 FORMAT REV H</p>																													
<p>REGAL-BELOIT CORPORATION</p>		<p>REGAL-BELOIT CORPORATION</p>																													
<p>DESCRIPTION</p>		<p>OUTLINE</p>																													
<p>SCALE NONE</p>		<p>SIZE C DWG NO 11927-009</p>																													
<p>SHEET 1</p>		<p>SHEET 1</p>																													

| **NOTE:** 1. DISTRIBUTION PART NUMBER: DB4405 GRAINGER PART NUMBER: 3M748 | | | |
| | | | |

4	3	2	1										
INFORMACION GENERAL: OSCILACION DE FLECHA: .001 [.03] L.T.I. POR PULG. DE EXTENSION JUEGO AXIAL: .010 A .063 [.25 A 1.60] BALEROS: MANGA POSICION DEL MONTAJE: HORIZONTAL INFORMACION ELECTRICA: PROTECTOR DE SOBRECARGA: REINICIO AUTOMATICO (T.I. 7AM 034) CABLES: NO. CAL. 18, .03 [.8] GROSOR PVC 125°C AISL. CABLE DE TIERRA: NO. CAL. 18, .03 [.8] GROSOR (VERDE) AISL. SEE NOTE 1		REVISION: ECO G 0026394 REVISADO POR: H.ZHOU FECHA: 05-29-2012 APROBADO POR: B.SHEN FECHA: 05-29-2012											
INFORMACION DE ETIQUETA: MODEL NO.: 322P218 CUST. P/N: [-----] HP: 1/10, 1/15, 1/20 ROT.: CCWLE RPM: 1550 TYPE: FE FRAME: 42Y VOLTS: 230 PH: 1 AMPS: 1.8, 0.9, 0.7 HZ: 60 INS.: A AMB.: 40° C DUTY: AIR OVER CAP.: ENCL: UL LOGO CSA LOGO THERMALLY PROTECTED TYPE C		DIAGRAMA DE CONEXION EXTRNA 											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CURVAS DE FUNCIONAMIENTO</th> <th>TORSION @ 1075 RPM (25°C)</th> <th>MUESTRA APROBADA</th> <th>COMPONENTE UL</th> <th>CSA</th> </tr> <tr> <td>670189</td> <td>6.0 OZ. FT.</td> <td>PM 5076</td> <td>E46412 PRGY2</td> <td>LR43341 4211-01</td> </tr> </table>		CURVAS DE FUNCIONAMIENTO	TORSION @ 1075 RPM (25°C)	MUESTRA APROBADA	COMPONENTE UL	CSA	670189	6.0 OZ. FT.	PM 5076	E46412 PRGY2	LR43341 4211-01		
CURVAS DE FUNCIONAMIENTO	TORSION @ 1075 RPM (25°C)	MUESTRA APROBADA	COMPONENTE UL	CSA									
670189	6.0 OZ. FT.	PM 5076	E46412 PRGY2	LR43341 4211-01									
VERDE (TIERRA) CONECTADO A BASE OJAL #8 ROJO 38.5/40.5 [978/1029] .25[6.3] ESPADA HEMBRA AZUL 38.5/40.5 [978/1029] .25[6.3] ESPADA HEMBRA NEGRO 38.5/40.5 [978/1029] .25[6.3] ESPADA HEMBRA BLANCO 38.5/40.5 [978/1029] .25[6.3] ESPADA HEMBRA COLOR LONGITUD TERMINAL O LONGITUD DE DESFORRE		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>CARCASA - LOC</td> <td>ABIERTO</td> </tr> <tr> <td>TAPA - LOC</td> <td>ABIERTO</td> </tr> <tr> <td>CARCASA - LC</td> <td>ABIERTO</td> </tr> <tr> <td>TAPA - LC</td> <td>ABIERTO</td> </tr> </table>		CARCASA - LOC	ABIERTO	TAPA - LOC	ABIERTO	CARCASA - LC	ABIERTO	TAPA - LC	ABIERTO		
CARCASA - LOC	ABIERTO												
TAPA - LOC	ABIERTO												
CARCASA - LC	ABIERTO												
TAPA - LC	ABIERTO												
INFORMACION DE CABLES VERDE (TIERRA) CONECTADO A BASE OJAL #8 ROJO 38.5/40.5 [978/1029] .25[6.3] ESPADA HEMBRA AZUL 38.5/40.5 [978/1029] .25[6.3] ESPADA HEMBRA NEGRO 38.5/40.5 [978/1029] .25[6.3] ESPADA HEMBRA BLANCO 38.5/40.5 [978/1029] .25[6.3] ESPADA HEMBRA COLOR LONGITUD TERMINAL O LONGITUD DE DESFORRE		TIPO DE MOTOR CLIENTE DISTRIBUTION SERVICE											
CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS ▽ 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 1994		DIBUJADO POR: D JONES 12-04-1995 APROBADO POR: W HEAL TERCER ANGULO DE PROYECCION FECHA EDS: 11-11-2011 REV. FORMATO: H DESCRIPCION: OUTLINE TAMANO: C NUMERO DE DIBUJO: 11927-009 ESCALA: NONE HOJA: 1											
4	3	2	1										

