

PRODUCT INFORMATION PACKET



Model No: B6507

Catalog No: B6507

1/5-1/6-1/10 HP Fan & Blower Motor, 1075 RPM, 3 Speed, 230 Volts, 42 Frame, OAO
Direct Drive Motors



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REGAL



Nameplate Specifications

Output HP	1/5-1/6-1/10 Hp	Output KW	0.15 kW
Frequency	60 Hz	Voltage	230 V
Current	1.3,0.9,0.7 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	42Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Na	Shaft Type	Flat
Overall Length	9.92 in	Shaft Diameter	0.500 in
Shaft Extension	5.5 in		
Connection Drawing	7552A43F01	Outline Drawing	11674-014-S01

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GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.03] T.I.R. PER INCH LENGTH OF EXTENSION
 END PLAY: .010[.25] TO .063[1.60]
 BEARINGS: SLEEVE
 MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 304)
 LEADS: NO. 18 GA., .03 [.8] THK., 125°C INSUL.
 GROUND LEAD: NO. 18 GA., .03 [.8] THK., GREEN INSUL.

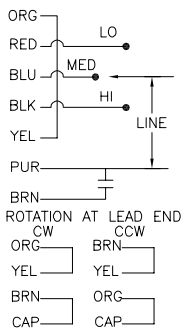
NOTE:
 DISTRIBUTION: CUST. P/N: B6507
 GRAINGER: CUST. P/N: 4KA44

SEE NOTE

NAMEPLATE DATA:

MODEL NO.: 322P496
 CUST. P/N: []
 HP: 1/5, 1/6, 1/10
 ROT.: REVERSIBLE
 RPM: 1075
 TYPE: FLL
 FRAME: 42Y
 VOLTS: 230
 PH: 1
 AMPS: 1.3, 0.9, 0.7
 HZ: 60
 INS.: B
 AMB.: 40°C
 DUTY: AIR OVER
 CAP.: 7.5 MFD/370V
 UL & CSA LOGO
 THERMALLY PROTECTED
 TYPE C

EXTERNAL CONNECTION DIAGRAM



PERFORMANCE CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA
670406	17.0 OZ. FT.	—	E46412 PRGY2	LR43341 260-0-0

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

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.

DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

DR BY:

J. RUPERT

06-13-1997

APPD:

E. ROET

02-17-2000

THIRD ANGLE PROJECTION



EDS DATE 11-11-2011

FORMAT REV H

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REGAL-BELOIT CORPORATION

DESCRIPTION

MODEL-RFHP-48FR
 OULTINE

SIZE

C

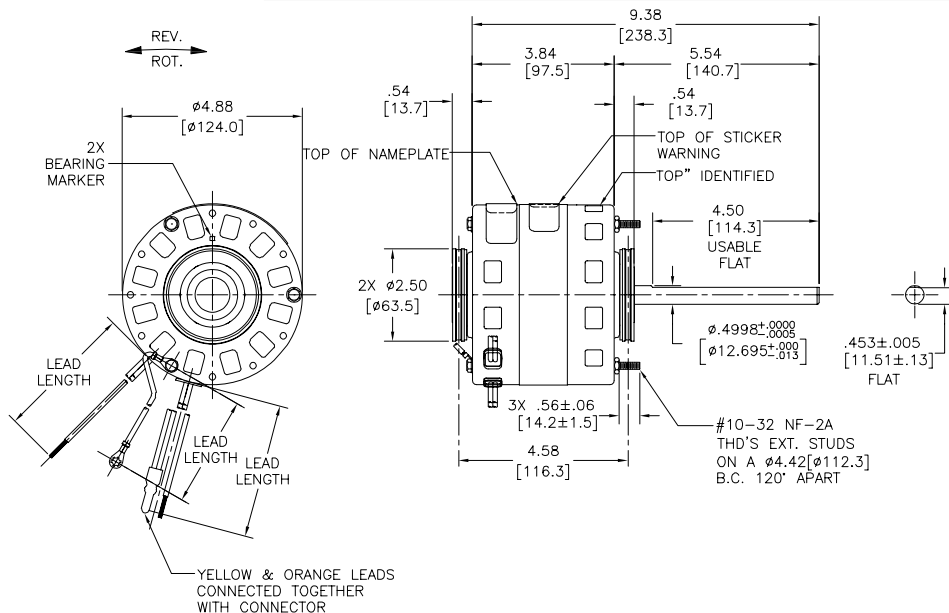
DWG NO

11674-014

SCALE

NONE

SHEET 1



GREEN(GRD)	9.0/11.0 [229/279]	# 10	EYELET
YELLOW	34.5/37.5 [876/953]	.60 [15.2]	SKIN
ORANGE	34.5/37.5 [876/953]	.60 [15.2]	SKIN
BROWN	34.5/37.5 [876/953]	.60 [15.2]	SKIN
BLACK	34.5/37.5 [876/953]	.60 [15.2]	SKIN
PURPLE	34.5/37.5 [876/953]	.60 [15.2]	SKIN
BLUE	34.5/37.5 [876/953]	.60 [15.2]	SKIN
RED	34.5/37.5 [876/953]	.60 [15.2]	SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH	

MAIN FRAME — OLE	OPEN
END FRAME — OLE	OPEN
MAIN FRAME — LE	OPEN
END FRAME — LE	OPEN

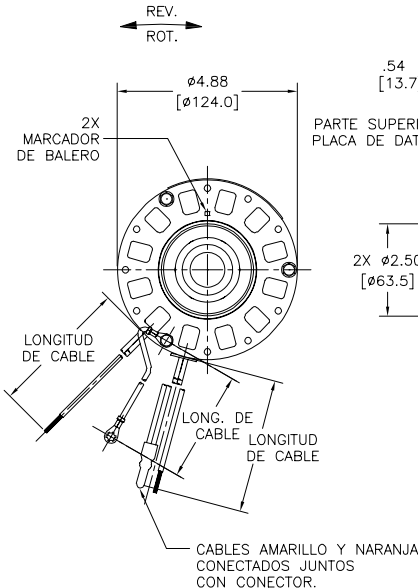
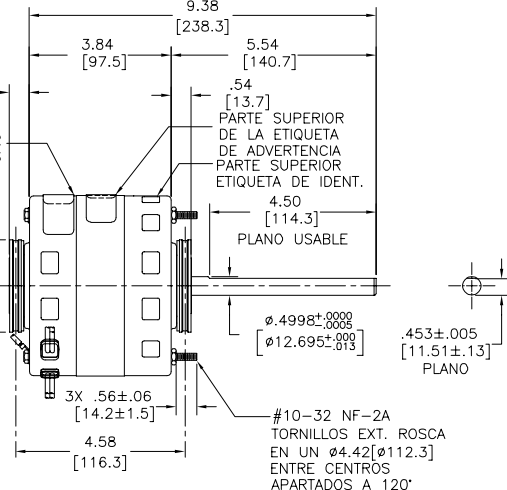
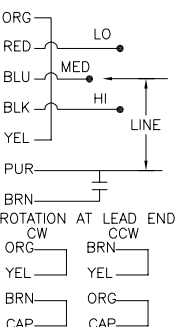
CUSTOMER	DISTRIBUTION SERVICE
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INFORMACION GENERAL: OSCILACION DE FLECHA: .001 [.03] L.T.I. LONGITUD DE EXTENSION POR PULGADA BALEROS: MANGA POSICION DE MONTAJE: HORIZONTAL DATOS ELECTRICOS: SOBRECARGA DEL PROTECTOR: REINICIO AUTOMATICO (T.I. 7AM 304) CABLES: CAL. NO. 18, .03 [.8] ESPESOR 125°C AISLANTE CABLE DE TIERRA: CAL. NO. 18, .03 [.8] ESPESOR (VERDE) AISLANTE NOTA: DISTRIBUCION: N/P CLIENTE: B6507 GRAINGER: N/P CLIENTE: 4KA44		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>REVISION: ECO</td> <td>REVISADO POR: F.NAVARRO</td> <td>FECHA: 05-28-2012</td> <td>APROBADO POR: R.RASCON</td> <td>FECHA: 05-25-2012</td> </tr> <tr> <td>D</td> <td>0026376</td> <td></td> <td></td> <td></td> </tr> </table>		REVISION: ECO	REVISADO POR: F.NAVARRO	FECHA: 05-28-2012	APROBADO POR: R.RASCON	FECHA: 05-25-2012	D	0026376																																	
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INF. PLACA DE DATOS: MODEL NO.: 322P496 CUST. P/N: [] HP: 1/5, 1/6, 1/10 ROT.: REVERSIBLE RPM: 1075 TYPE: FLL FRAME: 42Y VOLTS: 230 PH: 1 AMPS: 1.3, 0.9, 0.7 HZ: 60 INS.: B AMB.: 40°C DUTY: AIR OVER CAP.: 7.5 MFD/370V UL & CSA LOGO THERMALLY PROTECTED TYPE C		DIAGRAMA DE CONEXION EXTERNA 																																									
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CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS □ PLANICIDAD — RECTITUD < ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESQUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) R CILINDRICIDAD ⊖ PERFIL DE CUALQUIER SUPERFICIE ⊖ PERFIL DE CUALQUIER LINEA ↑ VARIACION ● POSICION REAL ⊙ CONCENRICIDAD ∞ SIMETRIA		REGAL-BELOIT CORPORATION (RBC) PROVEE ASISTENCIA TECNICA A NUESTROS CLIENTES EN VARIAS AREAS. DESDE QUE RBC NO RECIBE TODOS LOS DATOS EN RELACION AL USO Y A LA APLICACION DEL MOTOR, LA APLICACION ADECUADA DEL MOTOR DEBE SER DETERMINADA POR EL CLIENTE. DIMENSIONES SIN TOLERANCIA SON DE REFERENCIA SOLAMENTE																																									
REGAL-BELOIT CORPORATION DIBUJADO POR: J. RUPERT APROBADO POR: E. ROET 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.		REGAL-BELOIT CORPORATION DESCRIPCION: MODEL-RFHP-48FR OULTINE TAMAÑO: C NUMERO DE DIBUJO: 11674-014 ESCALA: NONE HOJA: 1																																									

