

PRODUCT INFORMATION PACKET



Model No: BL6416

Catalog No: BL6416

Fan and Blower Motor, 1/5 HP, 1 Ph, 60 Hz, 115 V, 1050 RPM, 4 Speed, 42 Frame, OAO



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Nameplate Specifications

Output HP	1/5 Hp	Output KW	0.15 kW
Frequency	60 Hz	Voltage	115 V
Current	7.1 A	Speed	1050 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	Number of Speeds	4

Technical Specifications

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	6	Rotation	Counterclockwise Lead End
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	6.50 in	Shaft Diameter	0.500 in
Shaft Extension	2.7 in		
Connection Drawing	263B929F03	Outline Drawing	11674-027-S01

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GENERAL INFORMATION:

SHAFT RUNOUT: .001[.03] T.I.R. PER INCH LENGTH OF EXTENSION.

END PLAY: .010 TO .063 [.25 TO 16.0]

BEARINGS: SLEEVE

MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

OVERLOAD
PROTECTOR: AUTOMATIC RESET (T.I. 7AM 034)

LEADS: NO. 18 GA., .06[1.5] THK., 125°C INSUL.

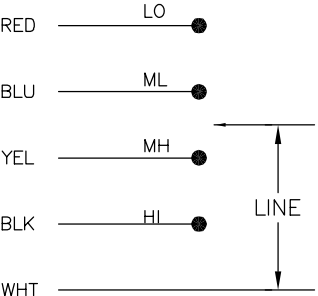
GROUND LEAD: NO. 18 GA., .03[.8] THK., GREEN INSUL.

NOTE:
DISTRIBUTION: CUST. P/N: BL6416
GRAINGER: CUST. P/N: 4KA40

NAMEPLATE DATA:

MODEL NO.: 319P368
CUST. P/N: [_ _ _ _]
HP: 1/5
ROT: CCWLE
RPM: 1050/4 SPD.
TYPE: FE
FRAME: 42Y
VOLTS: 115
PH: 1
AMPS: 7.1
HZ: 60
INS: A
AMB: 40C
DUTY: AIR OVER
CAP.: -
UL & CSA LOGO
THERMALLY PROTECTED
TYPE C

EXTERNAL CONNECTION DIAGRAM



GREEN(GRD)	9.5/10.5[241/267]	#10 EYELET
RED	35/38[889/965]	.60[15.2] SKIN
BLUE	35/38[889/965]	.60[15.2] SKIN
YELLOW	35/38[889/965]	.60[15.2] SKIN
WHITE	35/38[889/965]	.60[15.2] SKIN
BLACK	35/38[889/965]	.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

CUST.	DISTRIBUTION SERVICES
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DRAWING REVISION F		REVISION BY E.VILLA		DATE 05-13-2014		TOLERANCES UNLESS OTHERWISE SPECIFIED <table><thead><tr><th>DEC.</th><th>INCH</th><th>mm</th><th>ANGLE</th></tr></thead><tbody><tr><td>.X</td><td>±0.1</td><td>(±2.5)</td><td>±0.5°</td></tr><tr><td>.XX</td><td>±0.02</td><td>(±0.51)</td><td></td></tr><tr><td>.XXX</td><td>±0.005</td><td>(±0.127)</td><td></td></tr><tr><td>.XXXX</td><td>±0.0003</td><td>(±0.0127)</td><td></td></tr></tbody></table> REMOVE BUBBLES & BREAK SHARP CORNER FILLETS .02 (1.51) MACHINED SURFACES INCHES 1/8 1/4 3/8 1/2 mm 3/16 1/8 3/16 1/4 mm SHOWN IN [BRACKET] <td colspan="2">DRAWN BY: J.RUPERT</td> <td colspan="4" rowspan="4"> REGAL™ Regal Beloit America, Inc. </td>						DEC.	INCH	mm	ANGLE	.X	±0.1	(±2.5)	±0.5°	.XX	±0.02	(±0.51)		.XXX	±0.005	(±0.127)		.XXXX	±0.0003	(±0.0127)		DRAWN BY: J.RUPERT		REGAL™ Regal Beloit America, Inc.			
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												MATERIAL		SIZE		DWG NO		SHEET																			
												THIRD ANGLE PROJECTION		C		11674-027		1																			