

PRODUCT INFORMATION PACKET



Model No: FDL6002
Catalog No: FDL6002
3/4 HP Fan & Blower Motor, 1075 RPM, 4 Speed, 115 Volts, 48 Frame, OAO
Direct Drive Motors



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Nameplate Specifications

Output HP	3/4 MAX Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	115 V
Current	9.1 MAX A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	48Y	Enclosure	Open Air Over
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 Ring/Extended Studs	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	10.30 in	Frame Length	4.86 in
Shaft Diameter	0.500 in	Shaft Extension	4 in
Outline Drawing	FDL6002-S01	Connection Drawing	614131-265

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GENERAL INFORMATION:

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

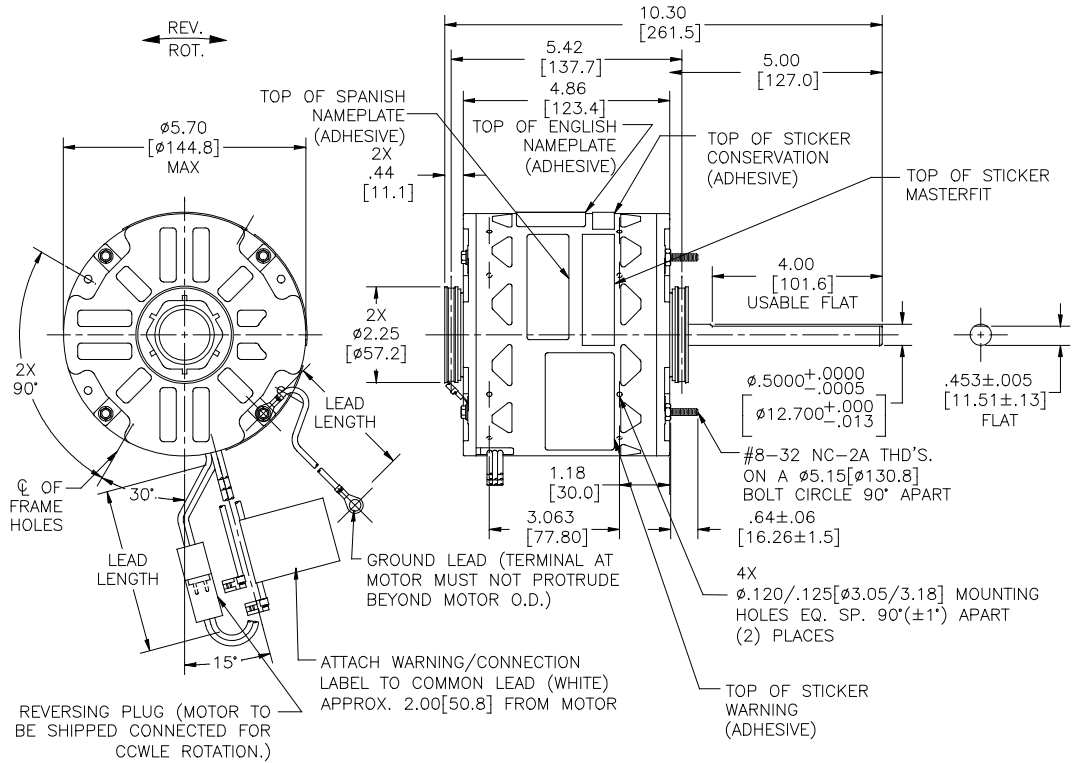
BEARINGS: BALL
MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 036)
LINE LEADS: NO. 18 GA., .03[.8] THK. XLP 125°C INSUL.
REVERSING PLUGS: NO. 18 GA., .03[.8] THK. XLP 125°C INSUL.
GROUND LEAD: NO. 18 GA., .03[.8] THK. (GREEN) INSUL.

NOTE:

1. DENOTES CRITICAL CHARACTERISTICS
2. 4X SPLIT RING ADAPTOR 615035, 8X SCREWS 615982-001 TO BE PUT IN A POLYBAG & BE PACKED WITH EACH MOTOR
3. DISTRIBUTION: CUST. P/N: FDL6002
GRAINGER: CUST. P/N: 4ME26
4. THE SYMBOL OF CTQ: ▲ (NO CTQ ON THIS DRAWING)
5. MEET THE REQUIREMENT OF ROHS AND REACH: SEE EP000014_5.1



GREEN (GROUND)	9.0/11.0 [229/279]	.25[6.4] RING
BLACK/WHITE	3.0/5.0 [76/127]	REVERSING PLUG
BROWN	36.5/39.5 [927/1003]	.25[6.4] FLAG
BROWN/WHITE	36.5/39.5 [927/1003]	.25[6.4] FLAG
RED	36.5/39.5 [927/1003]	.25[6.4] FLAG
YELLOW	36.5/39.5 [927/1003]	.25[6.4] FLAG
BLUE	36.5/39.5 [927/1003]	.25[6.4] FLAG
BLACK	36.5/39.5 [927/1003]	.25[6.4] FLAG
WHITE	36.5/39.5 [927/1003]	.25[6.4] FLAG
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

MAIN FRAME - OLE	OPEN
END FRAME - OLE	OPEN
MAIN FRAME - LE	OPEN
END FRAME - LE	OPEN

CUSTOMER	DISTRIBUTION SERVICE
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SEE NOTE 3

NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48T74A01 CUST. P/N: [] HP: 3/4 MAX. ROT.: REVERSIBLE RPM: 1075/4 SPD. TYPE: UF FRAME: 48Y VOLTS: 115 PH: 1 AMPS: 9.1 MAX. HZ: 60 INS.: B AMB.: 40° C DUTY: AIR OVER CAP.: 10 MFD/370 V ENCL: OPEN UL LOGO CSA LOGO THERMALLY PROTECTED	<p>BROWN SEP. CAP</p> <p>BRN/WHT</p> <p>WHITE</p> <p>BLACK HI</p> <p>BLUE MH</p> <p>YELLOW ML</p> <p>RED LO</p> <p>ROTATION</p> <p>BLACK CCWLE</p> <p>WHITE CWLE</p> <p>BLACK WHITE</p> <p>WHITE BLACK</p>

PERFORMANCE CURVE NO.	TORQUE @1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA		
FILE #	CCN #	FILE #	CLASS #			
C32039	58.1 OZ. FT.	0143719A	E46412	PRGY2	LR43341	4211-01

LEAD DATA

DRAWING REVISION	REVISION BY	DATE
C	ANNA SUN	09-09-2020
ECCO-0191842	APPROVED BY	DATE
SEE ECCO	KEYUN GONG	09-09-2020

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DRAWN BY: J.M. RAMIREZ	DATE: 02-08-2013	DESCRIPTION: MODEL-RFHP-48FR OUTLINE
APPROVED BY: CH. REYNOLDS	DATE: 02-08-2013	MATERIAL: -
PROCESS/FINISH: -	THIRD ANGLE PROJECTION	SIZE: C
DWG NO: FDL6002		SHEET: 1

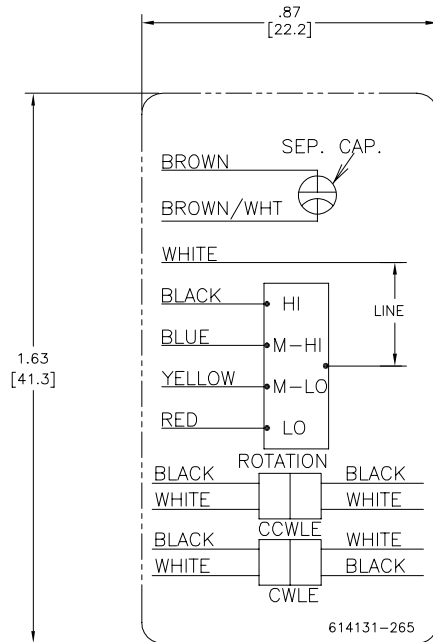
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REV	ECO	REV BY	DATE	APPD	DATE
C	0029048	D.RODRIGUEZ	10-18-2012	J.HESS	10-18-2012



NOTES:

1. FOR USE WITH 614129 NAMEPLATE BLANK
2. --- --- INDICATES DIMENSION LIMITS
3. DIE TO BE MADE FROM MASTER SUPPLIED BY REGAL
4. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

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

UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:
INCH X XX XXX XXXX ±.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-.04
CORNER FILLETS TO: INCH .020 mm 0.5
MACHINE SURFACES: INCH 125 mm 3.2
METRIC DIMS. SHOWN IN [BRACKETS]

DR BY: JZ	03-31-2011
APPD: CZ	03-31-2011
THIRD ANGLE PROJECTION	EDS DATE 11-11-2011 FORMAT REV H
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REGAL REGAL-BELOIT CORPORATION	
DESCRIPTION CONN DIAGRAM-NAMEPLATE	
SIZE C	DWG NO 614131-265
SCALE NONE	SHEET 1

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