

PRODUCT INFORMATION PACKET



Model No: FD6001

Catalog No: FD6001

MASTERFIT™ Fan and Blower Motor, 3/4 MAX HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 4 Speed, 48 Frame, OAO



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Nameplate Specifications

Phase	1	Output HP	3/4 MAX Hp
Output KW	0.56 kW	Voltage	208-230 V
Speed	1075 rpm	Service Factor	1
Frame	48Y	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	4.0 MAX A
Duty	Air Over	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	4

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	5 in
Outline Drawing	FD6001-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

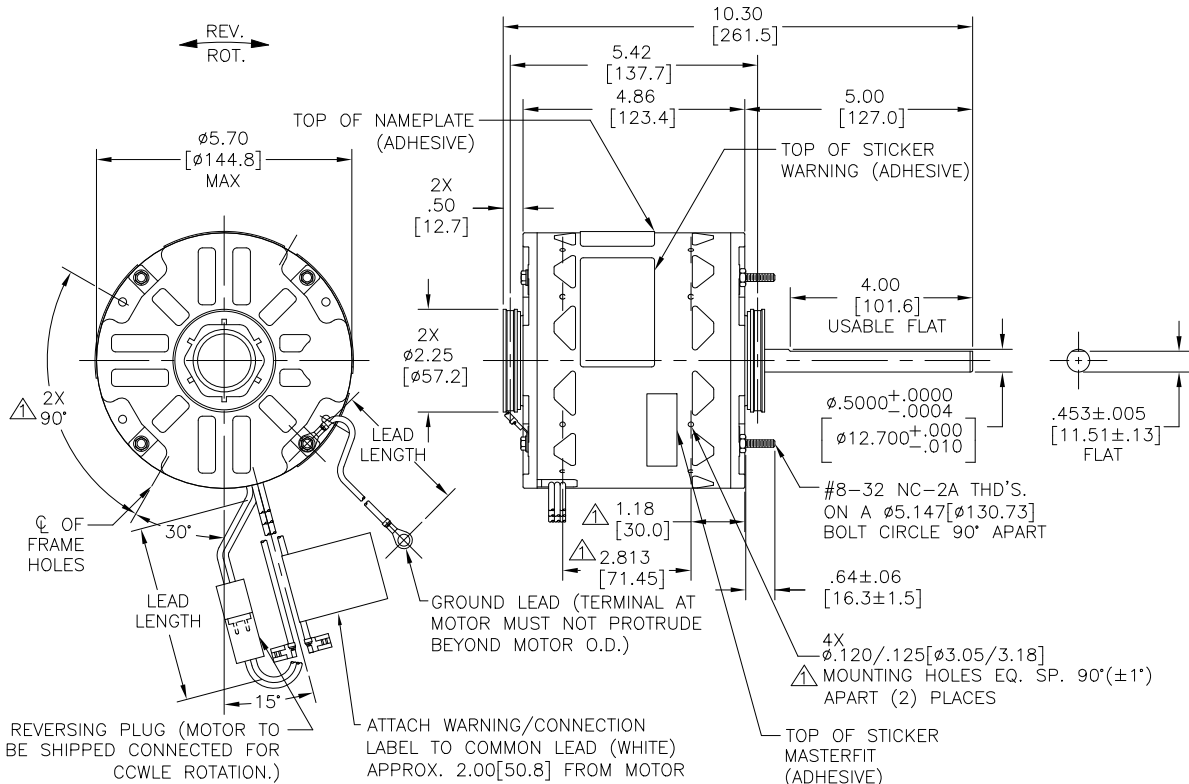
ELECTRICAL DATA:

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.



NAMEPLATE DATA: SEE NOTE 3

EXTERNAL CONNECTION DIAGRAM

MODEL NO.: F48T75A01
CUST. P/N: []
HP: 3/4 MAX.
ROT.: REVERSIBLE
RPM: 1075/4 SPD.
TYPE: UF
FRAME: 48Y
VOLTS: 208-230
PH: 1
AMPS: 4.0 MAX.
HZ: 60
INS.: B
AMB.: 40° C
DUTY: AIR OVER
CAP.: 10 OR 5 MFD/370V
ENCL: OPEN
UL LOGO
CSA LOGO
THERMALLY PROTECTED

BROWN SEP. CAP. 7

BRN/WHT

WHITE

BLACK HI

BLUE MH

YELLOW ML

RED LO

ROTATION

BLACK CCWLE

WHITE CWLE

BLACK WHITE

WHITE BLACK

614131-265

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

- NOTE:
- △ 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 PART NUMBER: FD6001
GRAINGER PART NUMBER: 4ME28

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

CUSTOMER	DISTRIBUTION SERVICE
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PERFORMANCE CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA
C32037	57.2 OZ. FT.	0143718A	FILE # E46412 PRGY2	FILE # LR43341 CLASS # 4211-01

DRAWING REVISION

REVISION BY	DATE
CA	11-11-2024
ECO	DATE
ECR-0238477	11-11-2024
ECO DESCRIPTION	
REMOVED CONSERVATION LABEL AS PER ECR	

ENCLOSURE

DRAWN BY: J.M. RAMIREZ

DATE: 02-08-2013

APPROVED BY: C. McREYNOLDS

DATE: 02-08-2013

REFERENCE

THIRD ANGLE PROJECTION

REGAL Beloit America, Inc.

MODEL-RFHP-48FR

OUTLINE

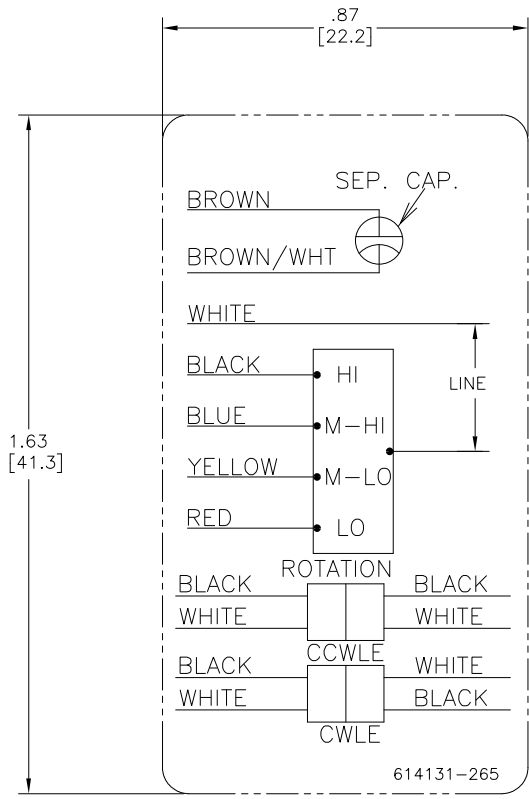
MATERIAL

PROCESS/FINISH

SIZE DWG NO

FD6001

SHEET 1



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.

DRAWING REVISION G		REVISION BY J. RUPERT	DATE 04-19-2022	TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY: JZ	 Regal Beloit America, Inc.	
ECO NMR-0213524		APPROVED BY J. RUPERT	DATE 04-19-2022	DEC.	INCH mm ANGLE	DATE: 03-31-2011	DESCRIPTION	
ECO DESCRIPTION REVISED FOR UP ISSUE				.X	±0.1 [±2.5] ±0.5°	APPROVED BY: CZ	CONN DIAGRAM-NAMEPLATE	
				.XX	±0.02 [±0.51]	DATE: 03-31-2011	MATERIAL	PROCESS/FINISH
				.XXX	±0.005 [±0.127]	REFERENCE		
				XXXX	±0.0005 [±0.0127]	THIRD ANGLE PROJECTION	SIZE DWG NO	SHEET
				REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] X 45° CORNER FILLETS R.02 [51] MACHINED SURFACES .125/32		C		614131-265
				mm SHOWN IN [BRACKETS]				1