

PRODUCT INFORMATION PACKET



Model No: 9442

Catalog No: 9442

Fan and Blower Motor, 1/4-1/5-1/6-1/8 HP, 1 Ph, 60 Hz, 277 V, 1050 RPM, 4 Speed, 42 Frame, OAO



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Nameplate Specifications

Phase	1	Output HP	1/4-1/5-1/6-1/8 Hp
Output KW	0.19 kW	Voltage	277 V
Speed	1050 rpm	Service Factor	1
Frame	42	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	1.5,1.2,1.0,0.8 A
Duty	Continuous Air Over	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	4

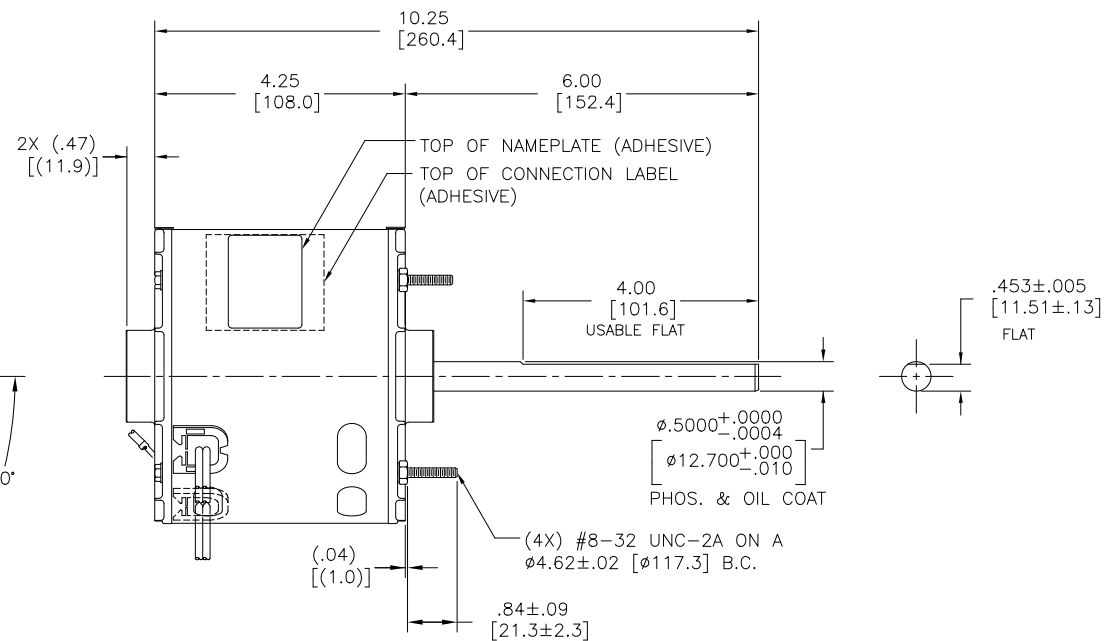
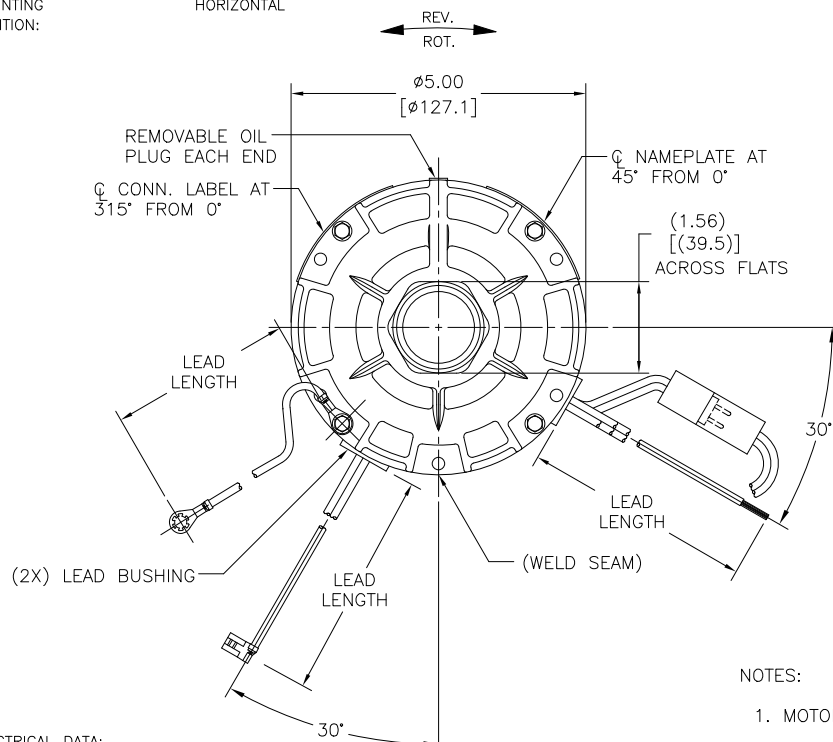
Technical Specifications

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	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	10.72 in	Frame Length	3.67 in
Shaft Diameter	0.500 in	Shaft Extension	6.0 in
Outline Drawing	9442-S01		

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GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.025] T.I.R. PER INCH LENGTH OF EXTENSION
END PLAY: .005 TO .040 [.13 TO 1.02]
BEARINGS: SLEEVE
MOUNTING POSITION: HORIZONTAL



NOTES:

1. MOTOR SHIPPED CONNECTED FOR CWLE ROTATION.

ELECTRICAL DATA:

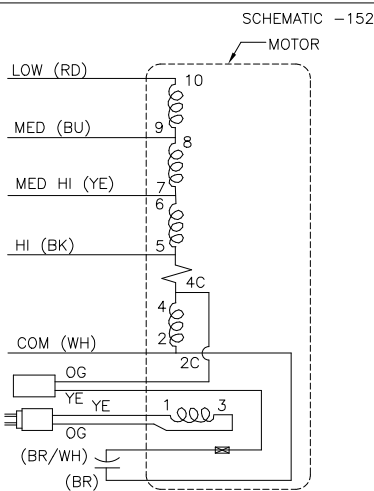
OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 093)
LEADS: NO. 18 GA., .06 [1.5] THK. XLP 125°C INSUL.
GROUND LEAD: NO. 16 GA., .03 [.8] THK. (GREEN/YELLOW) INSUL.

MAIN FRAME - OLE	SEMI-ENCL.
END FRAME - OLE	OPEN
MAIN FRAME - LE	SEMI-ENCL.
END FRAME - LE	OPEN
ENCLOSURE	

CCWLE	PLUG IN YELLOW LEAD TO ORANGE LEAD
CWLE	PLUG IN ORANGE LEAD TO ORANGE LEAD

CONNECTION LABEL
63T7432-169

GREEN/YELLOW (GROUND)	11.0/13.0 [279/330]	#10 EYELET
YELLOW/ORANGE	3.0/5.0 [76/127]	REVERSING PLUG
BROWN	12.0/14.0 [305/356]	.25 [6.4] FLAG
BROWN/WHITE	12.0/14.0 [305/356]	.25 [6.4] FLAG
RED	30.0/32.0 [762/813]	.50 [12.7] SKIN
BLUE	30.0/32.0 [762/813]	.50 [12.7] SKIN
YELLOW	30.0/32.0 [762/813]	.50 [12.7] SKIN
BLACK	30.0/32.0 [762/813]	.50 [12.7] SKIN
WHITE	30.0/32.0 [762/813]	.50 [12.7] SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH



NAMEPLATE DATA:

Motor Tipp City, OH
THERMALLY PROTECTED

SER. DATE & PO# PLT LTR MOD DE3H030N' STOCK NO. 9442
VOLTS 277 HZ 60 AMPS 1.5, 1.2, 1.0, 0.8
RPM 1050 SP 4 PH 1 CAP 7.5 MFD/370 VAC
INS CL B AMB 40°C HP AO
BRG SLV
BK-HIGH 1.5A 1/4HP YE-MED HI 1.2A 1/5HP
BU-MED 1.0A 1/6HP RD-LO 0.8A 1/8HP
WHT-COM BR & BR/WH-CAP

ROTATION
ASSEMBLED IN MEXICO

PERFORMANCE CURVE NO.	TORQUE @ 1050 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CCN #	FILE #	CLASS #
-	290 OZ. IN.	S-2234F	-	-	-	-

DRAWING REVISION	REVISION BY	DATE
D	J. RUPERT	02-21-2023
ECD	APPROVED BY	DATE
ECR-0223941	J. RUPERT	02-21-2023
ECO DESCRIPTION CHANGED TO NEW FORMAT		

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DRAWN BY:	KAG
DATE:	10-19-2001
APPROVED BY:	
DATE:	
REFERENCE:	
THIRD ANGLE PROJECTION	

REGAL TM Regal Beloit America, Inc.	
DESCRIPTION MODEL-RFHP-42FR OUTLINE	
MATERIAL	PROCESS/FINISH
SIZE DWG NO	9442
SHEET	1