

PRODUCT INFORMATION PACKET



Model No: 048A17T2001

Catalog No: X305

Fan and Blower Motor, 0.17 HP, 1 Ph, 60 Hz, 115 V, 1800 RPM, 48Z Frame, TEAO



Regal and LEESON are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E



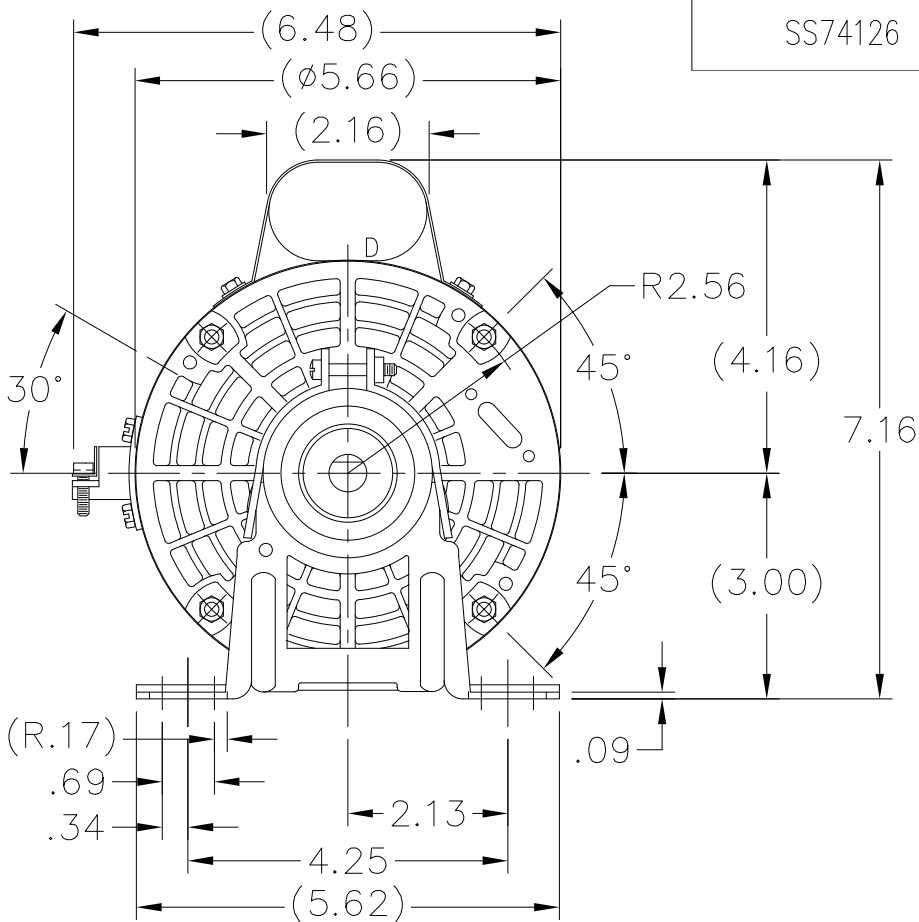
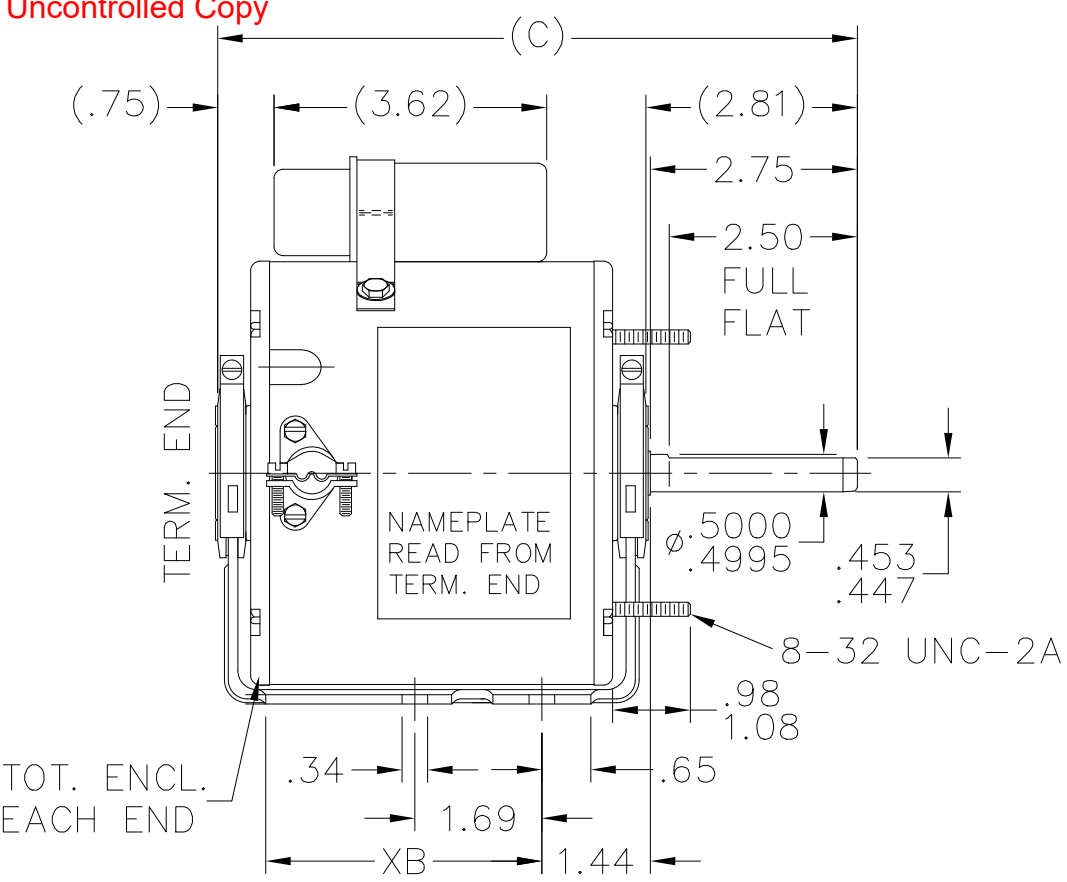


Nameplate Specifications

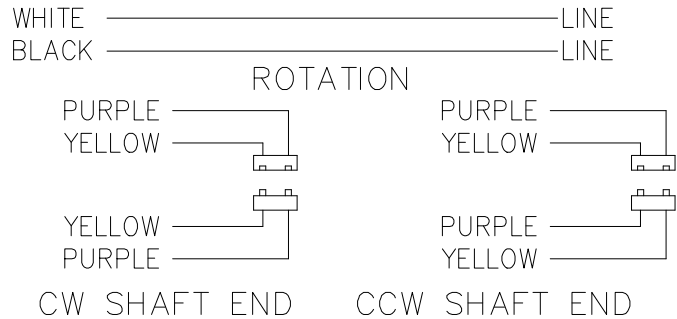
Phase	1	Output HP	0.17 Hp
Output KW	0.13 kW	Voltage	115 V
Speed	1625 rpm	Service Factor	1.0
Frame	48Z	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Efficiency	55 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	2.2 A	Power Factor	89.4
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Resilient Base - Extended Studs
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	8.50 in
Frame Length	4.25 in	Shaft Diameter	0.500 in
Shaft Extension	2.81 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	9513130	Outline Drawing	A-SS74126-425



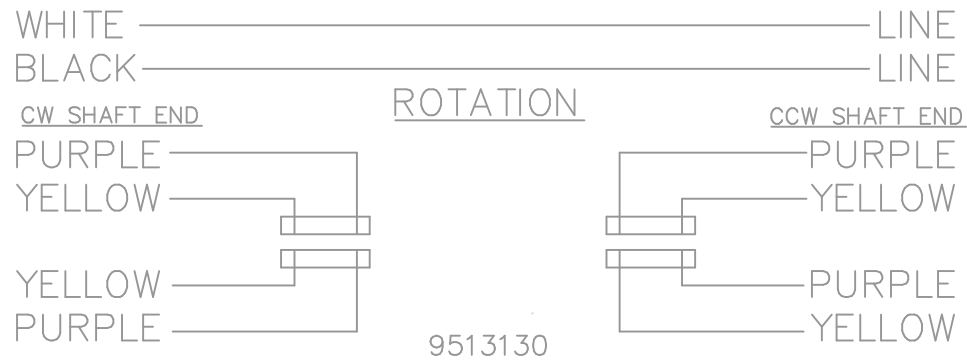
LEAD DESCRIPTION:
1 BLACK AND 1 WHITE LEAD WITH .50 BARE WIRE STRIP EXIT MOTOR THROUGH CONDUIT CONNECTOR WITH ADJUSTABLE THROAT OPENING. 35.00-37.00" LONG PURPLE AND YELLOW REVERSING LEADS MOLDED INTO MATING PULL-APART PLUGS. 4.00-6.00 LONG.



DASH	C	XB
425	8.50	3.67
475	9.00	4.17

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
5	CHG FROM MARATHON TO RRX TEMPLATE PER ECR-0233452	MD 4/30/24	DS	.X	±.1
4	REVISED MOUNTING HOLE LOCATIONS	RJW 07-12-2005	ML	.XX	±.03
3	REDRAWN IN AUTOCAD	TAT 05-19-2005	ML	.XXX	±.005
2	REDRAWN ON CADD - NO CHANGE	MRB 04-01-1998		.XXXX	±.0005
				ANG	±7'30"

Regal Rexnord Regal Beloit America, Inc.	DRAWN MRB 03-10-1998			
	CHK	ML	04-01-1998	
	APPD	GK	04-01-1998	
	SCALE	3=8		
	REF			
TITLE OUTLINE				
MAT'L.				
FINISH				
PREV				



				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT 		DRAWN TOM 09/19/1988			
				DEC.	INCHES			CHK			
				.X	±.1			APPD MS 09/20/1988			
				.XX	±.02	TITLE CONNETION DIAGRAM			SCALE 1=1		
3	REDRAWN IN AUTOCAD	JMS 03/11/2005		.XXX	±.005				REF		
2	NEW DRAWING	TOM 09/19/1988		.XXXX	±.0005	MAT'L.			FMF		
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"	FINISH			PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT			RFP		CAD FILE 9513130			SIZE	DRAWING NO.	PAGE OF	REV.
			DIST WP					A	9513130		3

CERTIFICATION DATA SHEET

Model#: 48A17T2001 D
 CONN. DIAGRAM: 9513130
 OUTLINE: A-SS74126-425

WINDING#: PE484158 NONE 1
 ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/6	0.13	1800	1625	48Z	TEAO	C	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115	2	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 55.0	3/4 LOAD EFF: -	1/2 LOAD EFF: -	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: -	3/4 LOAD PF: -	1/2 LOAD PF: -	-	PSC 1 SPEED	1

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
8.7 LB-FT	5.5	4.1 LB-FT -	12.5 LB-FT -	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	- LB-FT^2	- LB-FT^2	- SEC.	-	- LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE-EXTENDED STUDS	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	MULTEMP SRL	SGL SPL EXT	0.500 x 2.75 WITH 2.50 FULL FLAT	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUT LCK RTR ONLY	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

*
N
O
T
E
S
*

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

DATE: 06/28/2017 02:04:26 AM
 FORM 3531 REV.3 02/07/99

** Subject to change without notice.