

# PRODUCT INFORMATION PACKET



Model No: 048A17T96

Catalog No: X468

Condenser Fan Motor, 0.50 HP, 1 Ph, 60 Hz, 208-230 V, 1800 RPM, 48Z Frame, TEAO



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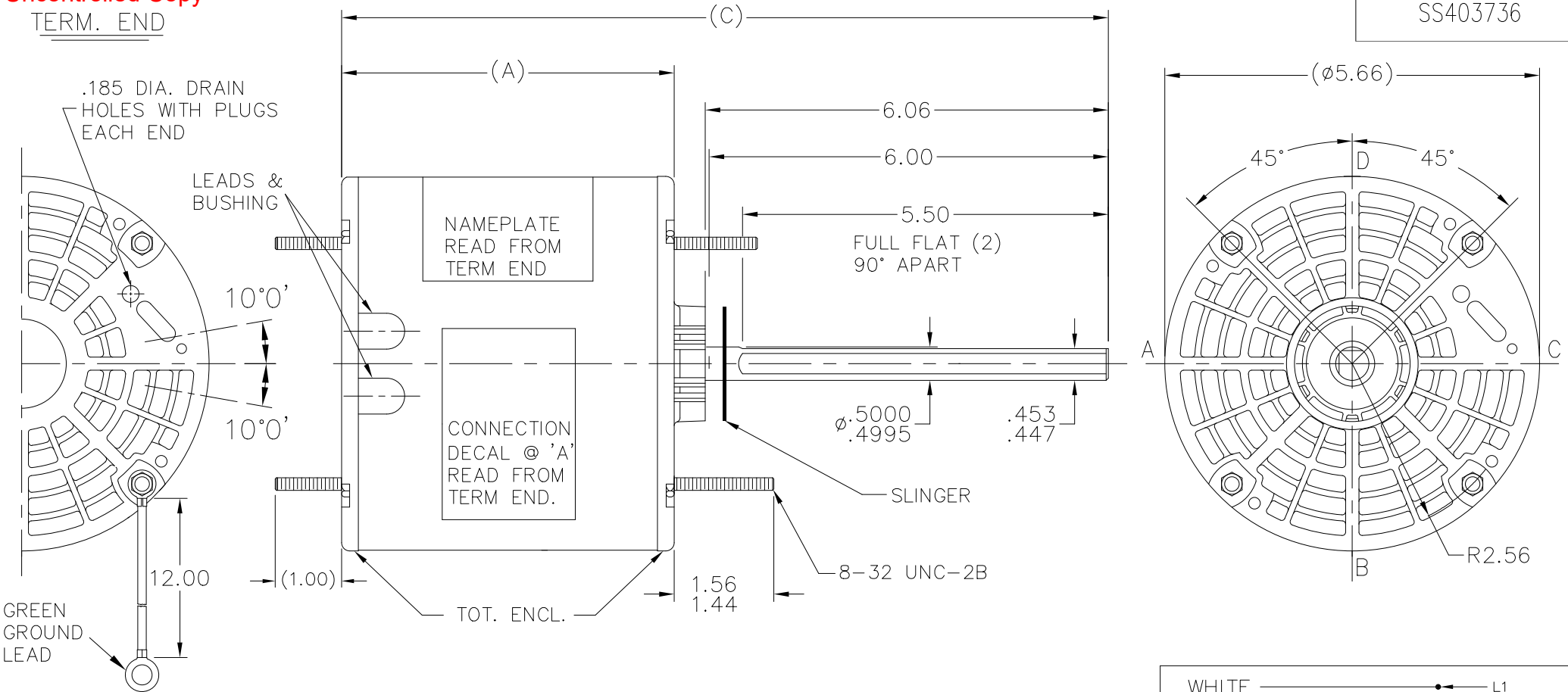
### Nameplate Specifications

Phase	1	Output HP	0.50 Hp
Output KW	0.37 kW	Voltage	208-230 V
Speed	1625 rpm	Service Factor	1.0
Frame	48Z	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Efficiency	71.7 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	2.9-2.6 A	Power Factor	89.2
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	D
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

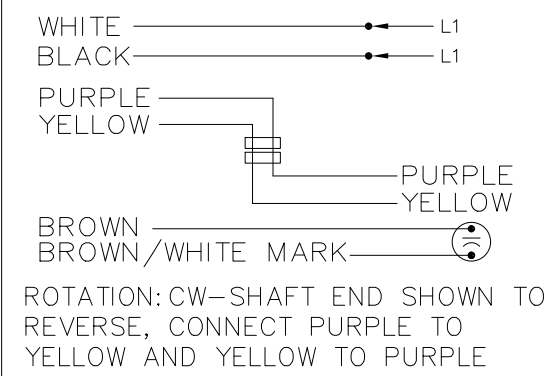
Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Round - Extended Studs
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	11.75 in
Frame Length	4.75 in	Shaft Diameter	0.500 in
Shaft Extension	6.06 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS403736-475	Connection Drawing	6906496

TERM. END

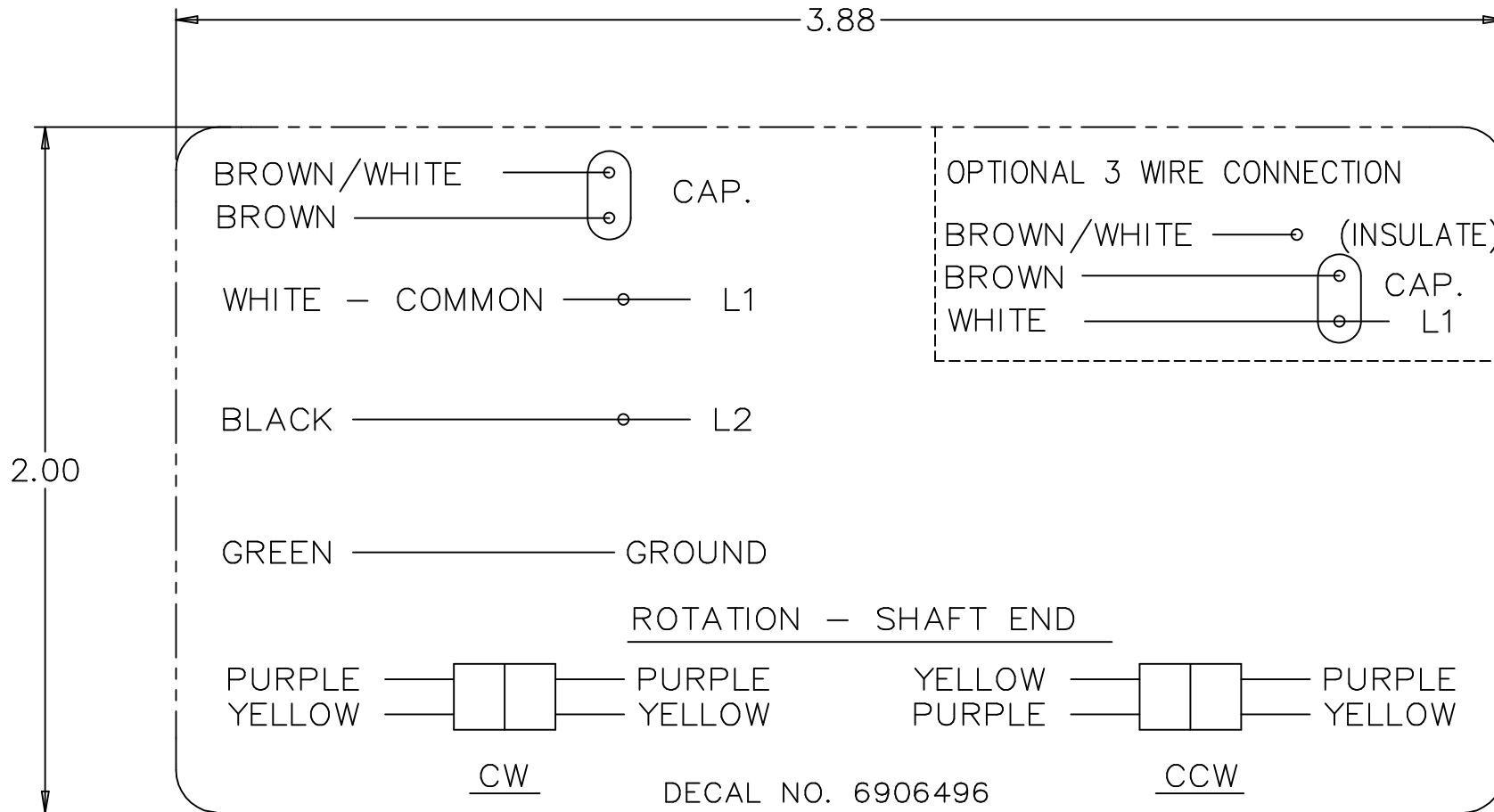



DASH	FRAME	C	A
400	48Y	11.00	4.50
450	48Y	11.50	5.00
475	48Y	11.75	5.25
500	48Y	12.00	5.50
550	48Y	12.50	6.00

LEAD DESCRIPTION: :  
 1BLACK, AND 1 WHITE LEAD WITH .50 BARE WIRE STRIP 30.00" LONG.  
 2 BROWN CAPACITOR LEADS WITH .25 FLAG-TYPE QUICK CONNECTS 30.00" LONG BROWN WITH WHITE MARK IS COMMON TO WHITE LEAD.  
 REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUGS 1 PURPLE, AND 1 YELLOW PER PLUG 5.00" LONG.  
 GREEN GROUND LEAD 12.0" LONG



				TOLERANCES UNLESS SPECIFIED		Regal Rexnord Regal Beloit America, Inc.	DRAWN SP 06-24-2008		
				DEC.	INCHES		CHK NB 06-24-2008	APPD SP 06-27-2008	
				.X	±.1	TITLE OUTLINE 48 FR.	SCALE 7=16		
				.XX	±.03		REF SS400359		
				.XXX	±.005		FMF 08-0421		
				.XXXX	±.0005		PREV		
01	CHG FROM MARATHON TO RRX TEMPALTE PER ECR-0233451	MD 5/6/24	DS	.XXXX	±.0005	MAT'L.			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH			
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 06-24-2008	CAD FILE SS403736	SIZE A	DRAWING NO. SS403736	PAGE OF	REV. 01
				DIST WP		3 of 7			



NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWING NO.	PAGE	OF	REV.
				DEC.	INCHES					
4	ADDED DIM. TO DECAL	RDH 09/22/2003	ML	.X	±.1					
3	REMOVED 'MARATHON ELECTRIC' CN 35106	DRS 05-01-2002	TOM	.XX	±.02					
2	PART NAME WAS CONNECTION DIAGRAM CN 25669	MRB 04-23-1998		.XXX	±.005					
1	NEW DRAWING CN 25669	MRB 04-22-1998		.XXXX	±.0005					
				ANG	±7'30"					
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						DIST WP			A	
						REGAL-BELOIT 		DRAWING NO. 6906496		PAGE 4
						TITLE CONNECTION DECAL		SCALE 1=1		
						MAT'L.		REF		
						DRAWN MRB 04-16-1998		CHK ML 04-22-1998		
						APPD GK 04-22-1998		FMT		
						PREV				



\*\* Subject to change without notice.



**REGAL REXNORD CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230 Volts  
60 HZ  
0.5 HP

HP 0.50

PHASE 1

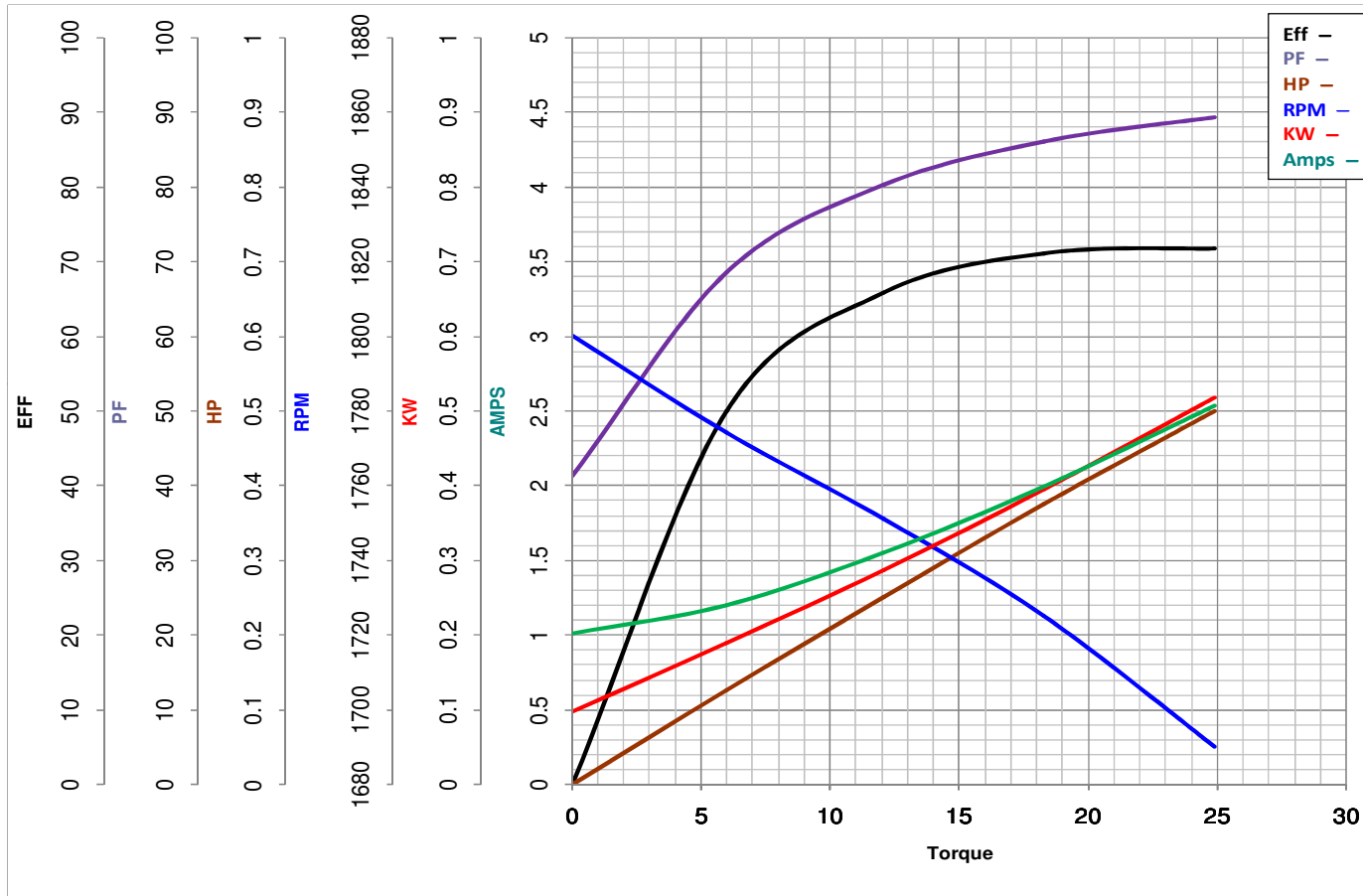
Model No 48A17T96

VOLTS 208-230

Catalog No X468

HZ 60

RPM 1625



Torque in Oz.Ft

FL TORQUE 24.9 Oz.Ft  
BD TORQUE 43.6 Oz.Ft  
LR TORQUE 5.3 Oz.Ft

FL AMPS 2.9-2.6  
PU TORQUE 3.4 Oz.Ft  
LR AMPS 9.3

WINDING PE484170-2

Date 1/9/2019