

# PRODUCT INFORMATION PACKET



Model No: 048A11T581  
Catalog No: 048A11T581  
Condenser Fan Motor, 0.75 HP, 1 Ph, 60 Hz, 460 V, 1200 RPM, 48Y Frame, TEAO



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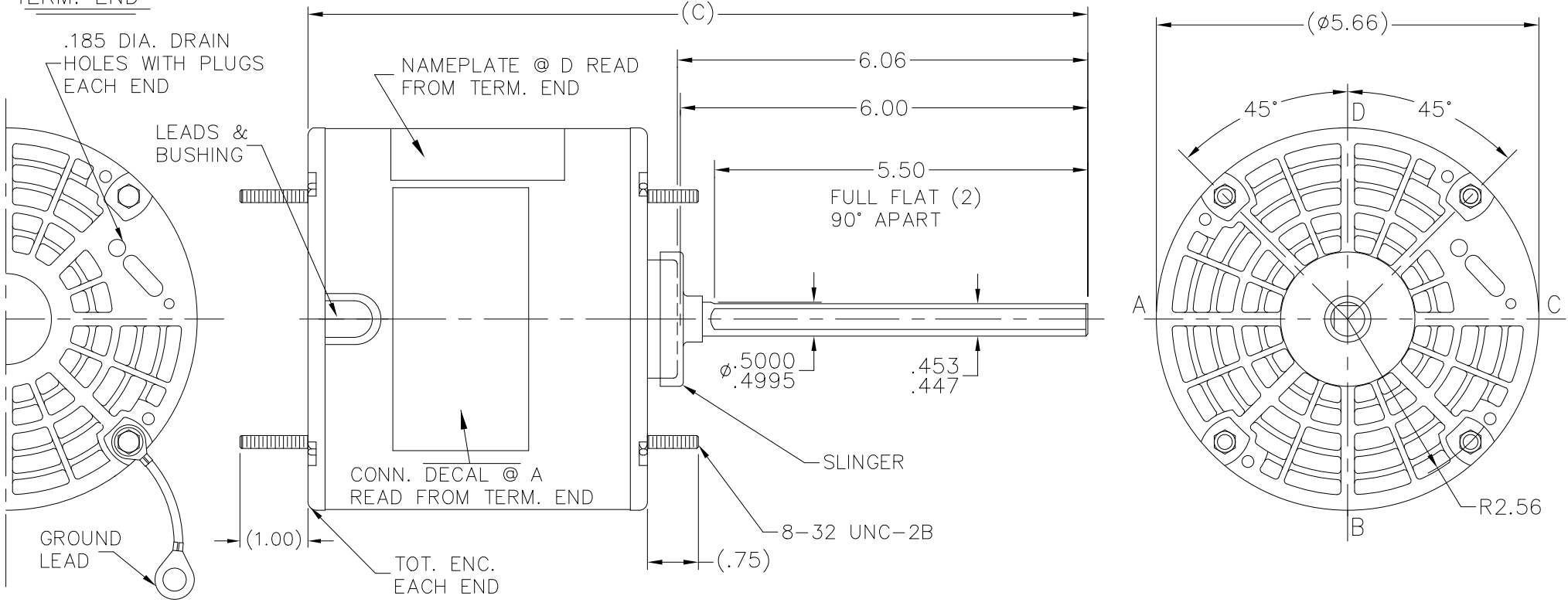
### Nameplate Specifications

Phase	1	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	460 V
Speed	1075 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Efficiency	68 %
Ambient Temperature	60 °C	Frequency	60 Hz
Current	2.1 A	Power Factor	92
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

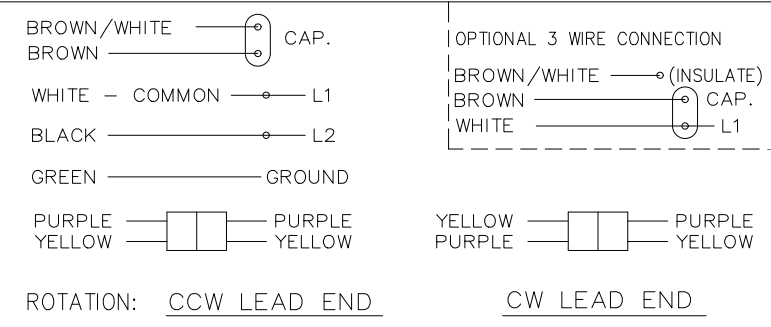
Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Round - Extended Studs
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	12.50 in
Frame Length	5.50 in	Shaft Diameter	0.500 in
Shaft Extension	6.06 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS400325-550	Connection Drawing	6906496

TERM. END



DASH	FRAME	C
350	48Y	10.50
400	48Y	11.00
450	48Y	11.50
500	48Y	12.00
550	48Y	12.50
675	48Y	13.75

LEAD DESCRIPTION::  
 1 WHITE, 1 BLACK 30.00" LONG WITH .50 B.W.S.  
 1 BROWN & 1 BROWN/WHITE 30.00" LONG WITH .25 FLAG TYPE QUICK CONNECT  
 1 GREEN GROUND LEAD 12.00" LONG WITH TERM FOR #10 SCREW  
 PURPLE & YELLOW REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUGS 5.00" LONG



NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
4	CHANGED DRAWING TEMPLATE TO RRX PER ECR-0233449	KVDG 05-29-2024	DS	.X	±.1
3	REDRAWN IN AUTOCAD	TAT 07-22-2004	ML	.XX	±.03
2	ROT. IN CONN. DIAGRAM BACKWARDS CN 29400-733	DRS 09-18-2001		.XXX	±.005
1	NEW DRAWING MU14784	MH 04-03-1997		.XXXX	±.0005
				ANG	±7'30"

**Regal Rexnord** Regal Beloit America, Inc.

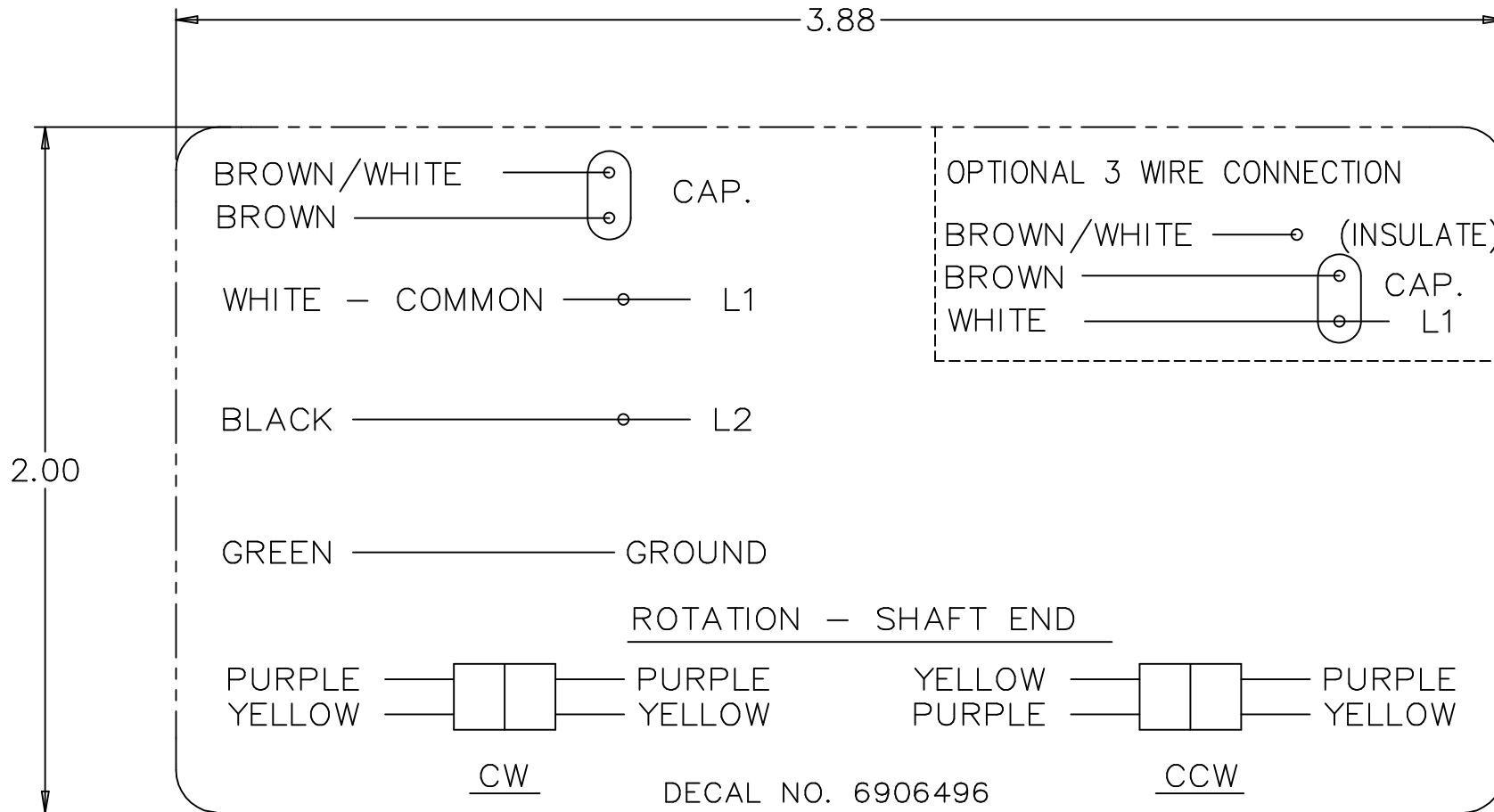
TITLE: OUTLINE  
48 FR.

MAT'L.

FINISH

CAD FILE: ss400325

DRAWN MH 04-28-1997  
 CHK ML 04-30-1997  
 APPD GK 04-30-1997  
 SCALE 7=16  
 REF  
 FMF  
 PREV



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		REGAL-BELOIT <i>Motor Technologies</i>			DRAWN MRB 04-16-1998		
3	REMOVED 'MARATHON ELECTRIC' CN 35106	DRS 05-01-2002	TOM	.XX	±.02			CHK ML 04-22-1998				
2	PART NAME WAS CONNECTION DIAGRAM CN 25669	MRB 04-23-1998		.XXX	±.005	TITLE CONNECTION DECAL		APPD GK 04-22-1998				
1	NEW DRAWING CN 25669	MRB 04-22-1998		.XXXX	±.0005	MAT'L.		SCALE 1=1				
				ANG	±7'30"		REF			FMF		
							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 6906496			SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST	WP		A	6906496				4







**MARATHON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

460 Volts  
60 HZ  
0.75 HP

HP 0.75

PHASE 1

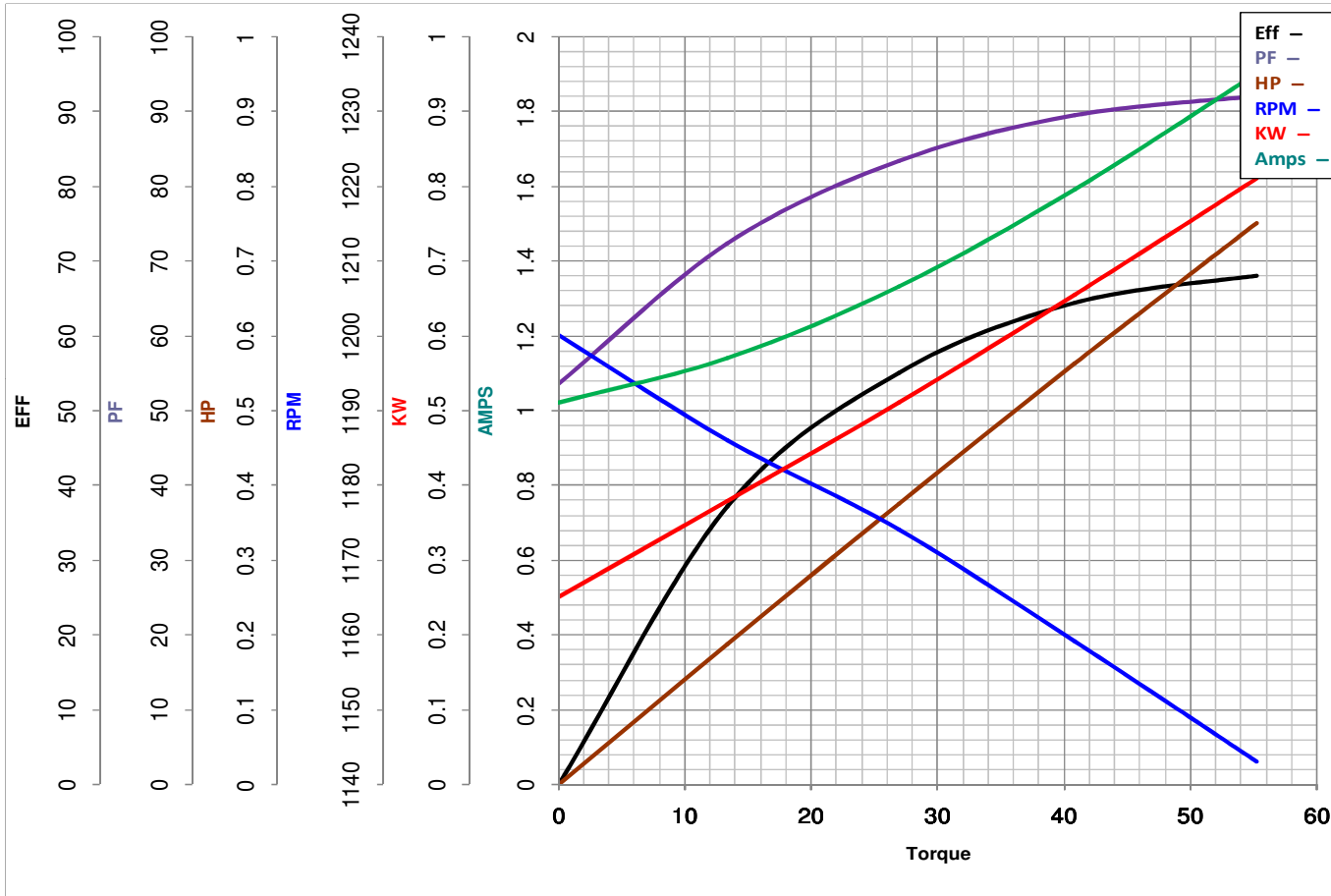
Model No 48A11T581

VOLTS 460

Catalog No X459

HZ 60

RPM 1075



Torque in Oz.Ft

FL TORQUE 55.2 Oz.Ft  
BD TORQUE 107.0 Oz.Ft  
LR TORQUE 22.4 Oz.Ft

FL AMPS 2.1  
PU TORQUE 21.9 Oz.Ft  
LR AMPS 6.92

WINDING PE4861882-4

Date 1/9/2019