PRODUCT INFORMATION PACKET

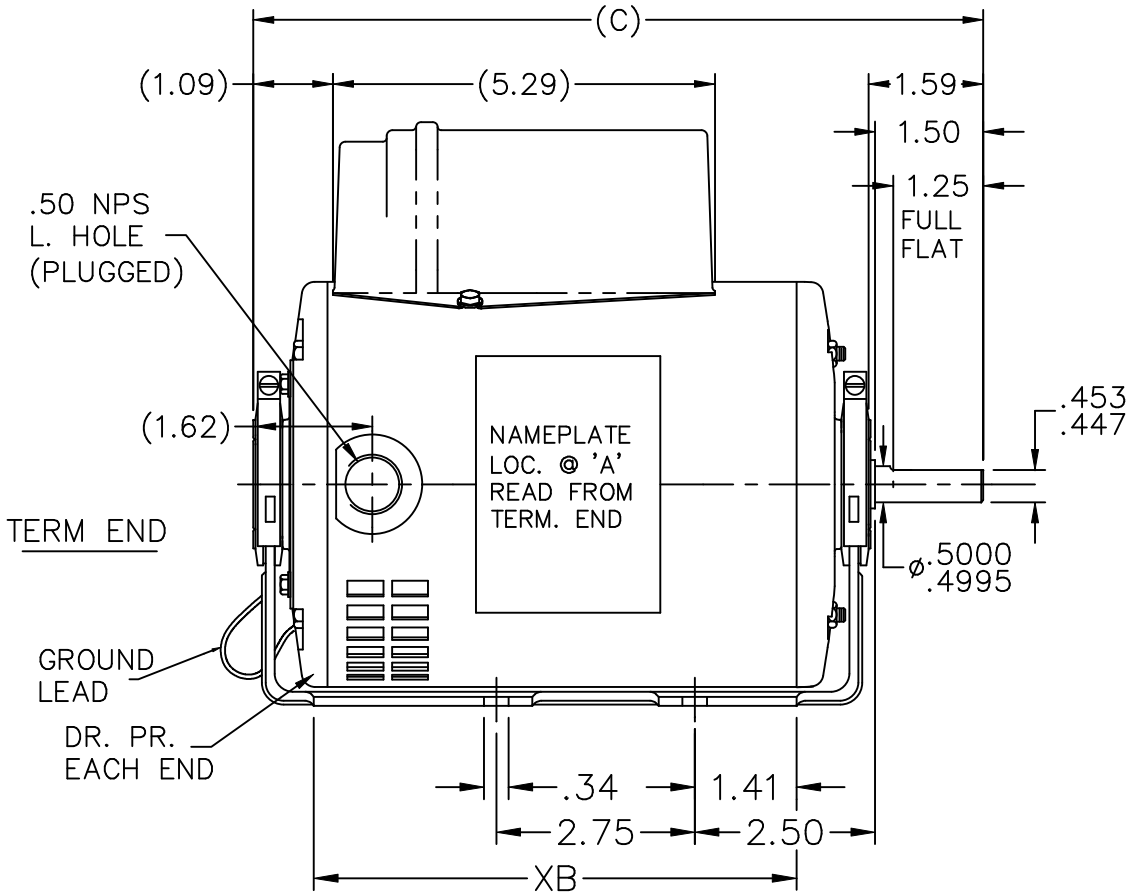
Modal No: 048N17D14
Catalog No: B703
1/3,1800,DP,48,1/60/115
Fan and Blower

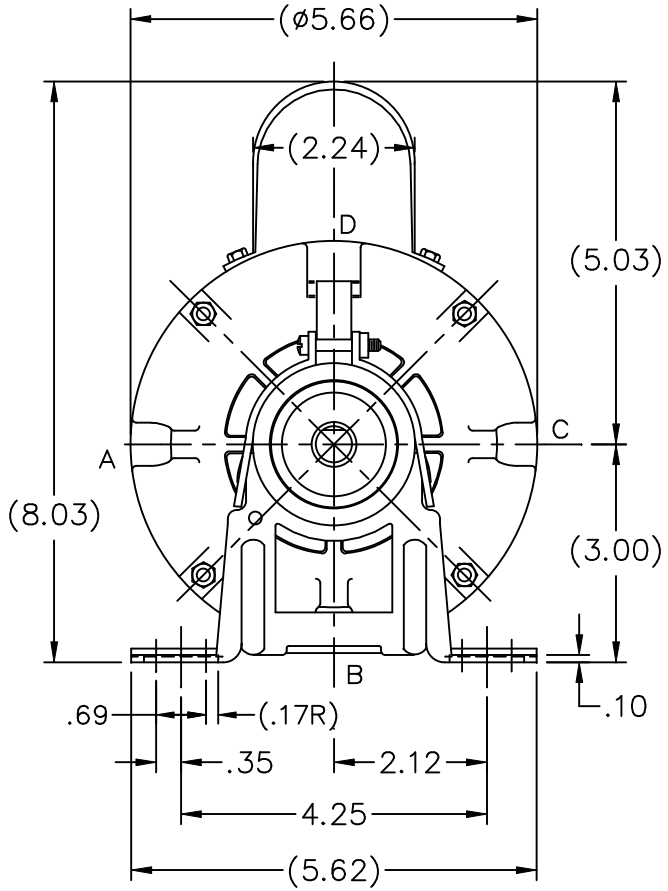
Nameplate Specifications

Output HP	**0.33 Hp**	Output KW	**0.25 kW**
Frequency	**60 Hz**	Voltage	**115 V**
Current	**3.2 A**	Speed	**1725 rpm**
Service Factor	**1.35**	Phases	**1**
Efficiency	**74.5 %**	Duty	**CONTINUOUS**
Insulation Class	**B**	Design Code	**NO DESIGN CODE**
KVA Code	**M**	Frame	**48**
Enclosure	**DP**	Overload Protector	**AUTOMATIC**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6203**
Opp Drive End Bearing Size	**6203**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**22**		

Technical Specifications

Electrical Type	**SPLIT START CAP RUN**	Starting Method	**ACROSS THE LINE**
Poles	**4**	Rotation	**SELECTIVE CCW**
Mounting	**RESILIENT BASE**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**ROLLED STEEL**	Shaft Type	**STANDARD 48**
Overall Length	**9.84 in**	Frame Length	**6.25 in**
Shaft Diameter	**0.5 in**	Shaft Extension	**1.59 in**
Assembly/Box Mounting	**F1 ONLY**		





DASH	FRAME	C	XB
625	48	9.84	6.44
675	48	10.34	6.94

NO.	REVISION	BY & DATE	CHK
3	UPDATED DRAWING	RJW 04-13-2007	
2	REDRAWN IN AUTOCAD	TAT 08-03-2004	ML
1	NEW DRAWING 4369112	DT 02-22-1996	

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

MARATHON ELECTRIC

DRAWN DT 02-19-1996
CHK ML 02-20-1996
APPD RJS 02-20-1996
SCALE 3=8
REF
FMF
PREV

TITLE OUTLINE
48 FR.
MAT'L.
FINISH
CAD FILE ss400199

RFP
DIST WP

SIZE	DRAWING NO.	PAGE	OF	REV.
A	SS400199			3

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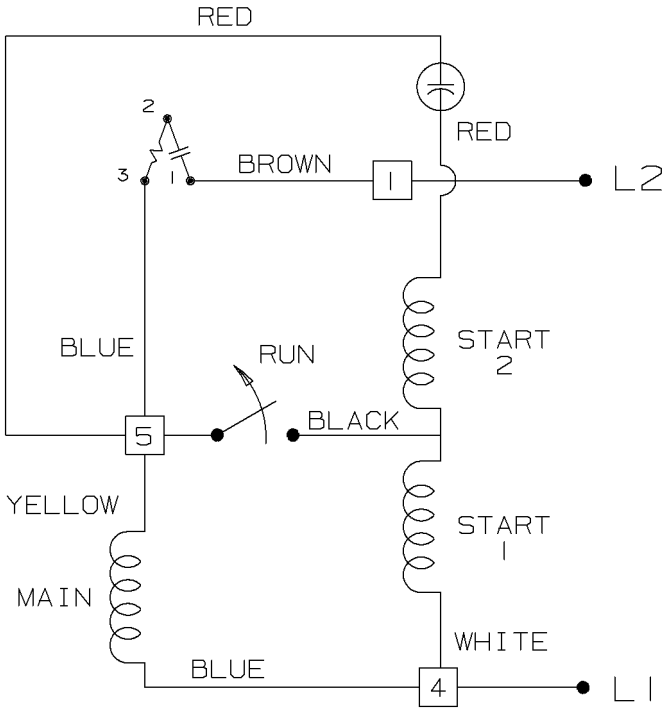
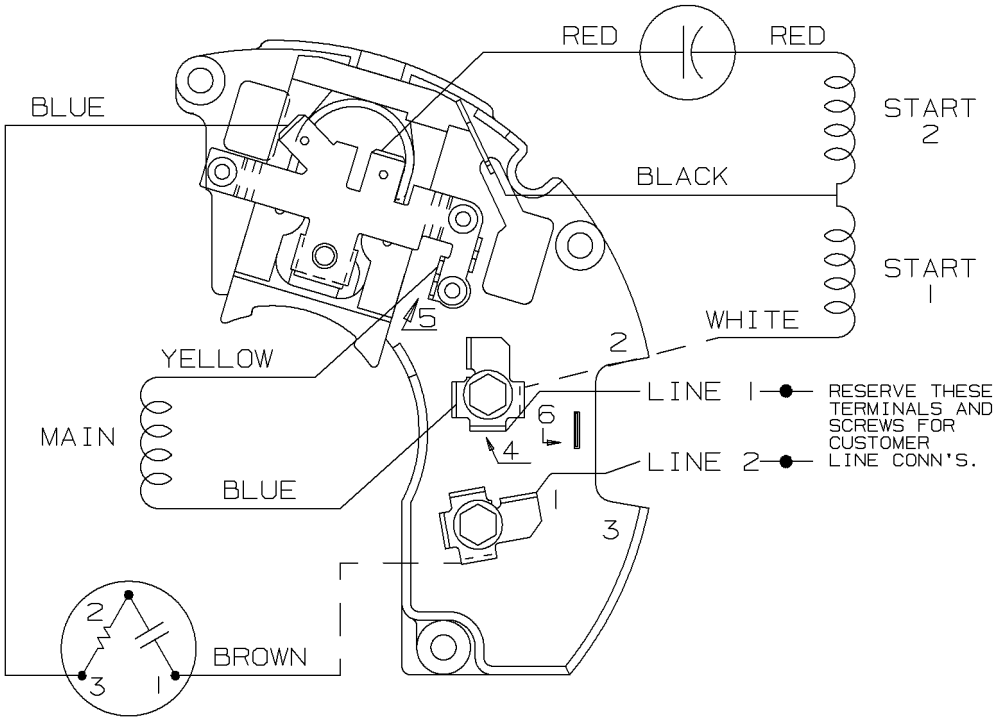
A- EE9100A

SINGLE VOLTAGE - SPLIT PHASE/CAP RUN
REVERSIBLE ON TERM BOARD
WITH OVERLOAD PROTECTION





VIEWING TERMINAL END

C.C.W. ROTATION SHOWN.

FOR C.W. ROTATION INTERCHANGE YELLOW & BLUE LEADS ON TERM 5 & 4.

DASH LINES INDICATE LEADS CONNECTED TO MOTOR SIDE OF SWITCH.

REV	DATE	CHANGE	NAME
2	01-29-1993	CCW ROTATION SHOWN WAS CW, L2 TO TERM 1 & L1 TO TERM. 4 CN15220	RM
1	12-17-1992	NEW DRAWING 3980624	RM

√ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOL. ON XX± .02 XXX± .005 XXXX± .0005 ANGLES± 7'30"

MATL SPEC

FINISH

REFERENCE DRW.

MARATHON ELECTRIC
WAUSAU, WISCONSIN 54401

DRAWN BY	RM	12-15-1992
CHKD BY	ML	12-16-1992
APPD BY	GK	12-16-1992

PART NAME CONNECTION DIAGRAM

DRWG NO A- EE9100A

SHOP BOOK | PURCHASED | DISTRIBUTION - WA - LB - WP - LM - BR | CADD FILE NO. EE9100A

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CERTIFICATION DATA SHEET

Model#:	48N17D14 D	**WINDING#:**	PSE48422 NONE 1
CONN. DIAGRAM:	A-EE9100A	**ASSEMBLY:**	F1 ONLY
OUTLINE:	A-SS400199-625		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1800	1725	48	DP	M	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115	3.2	ACROSS THE LINE	CONTINUOUS	B3	1.35	40	3300

FULL LOAD EFF: 74.5	3/4 LOAD EFF: 71.2	1/2 LOAD EFF: 63.4	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 92.7	3/4 LOAD PF: 91.7	1/2 LOAD PF: 88.3	0	SPLIT START CAP RUN	1.1

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
16.1 LB-FT	29.4	24.1 LB-FT -	33.8 LB-FT -	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	0 LB-FT^2	0 SEC.	0	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL 6203	BALL 6203	BEACON 325	STANDARD 48	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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

* NOTES *

DATE: 06/28/2017 06:38:24 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.