

PRODUCT INFORMATION PACKET

Modal No: 048A11T2021
Catalog No: X027
1/4,1075,TEAO,48Y,1/60/115/230
Single Phase



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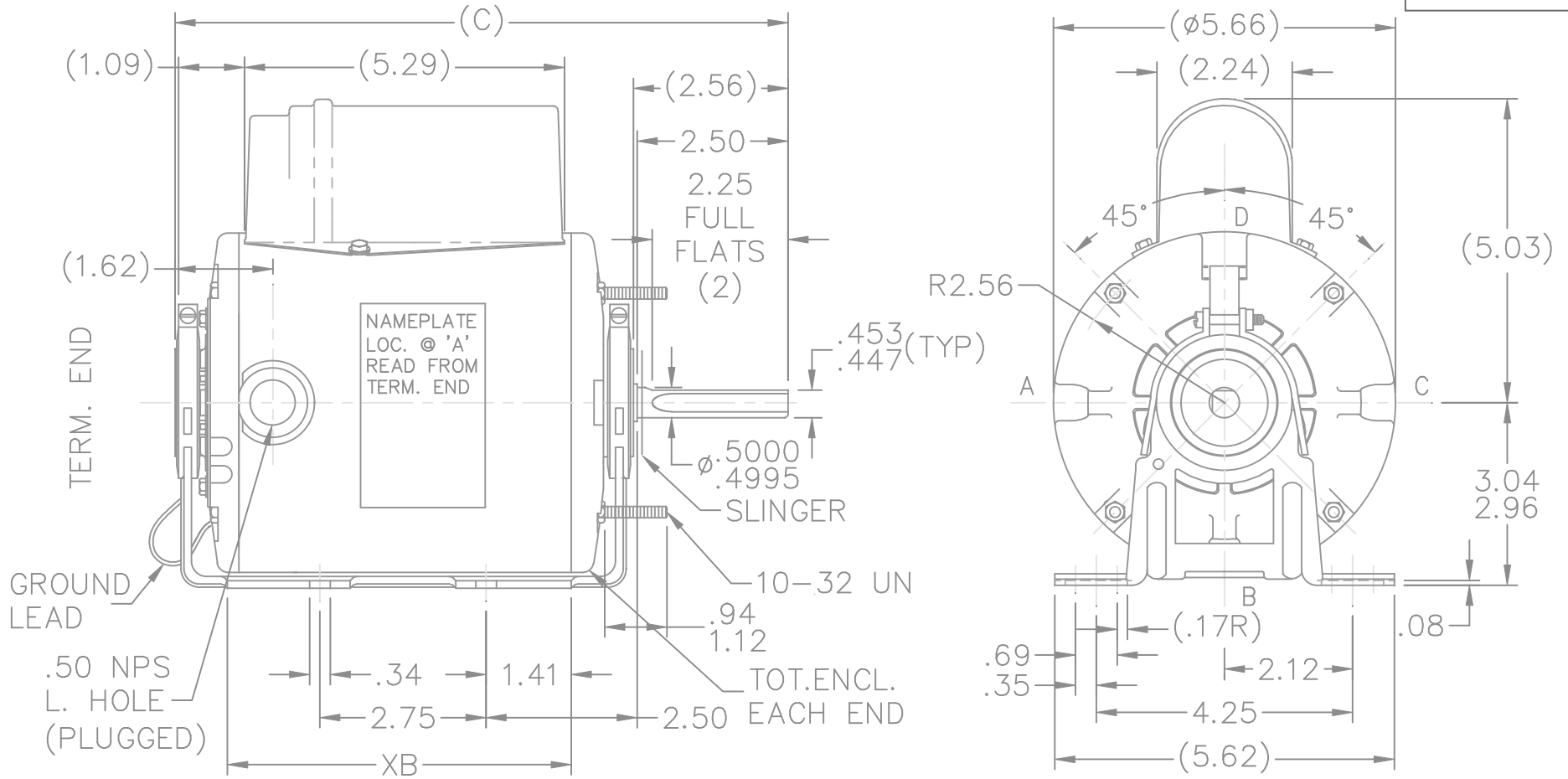


Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	115/230 V
Current	3.2/1.6 A	Speed	1075 rpm
Service Factor	1	Phases	1
Efficiency	59.5 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	D	Frame	48Y
Enclosure	TEAO	Overload Protector	AUT LCK RTR ONLY
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	PSC 1 SPEED	Starting Method	ACROSS THE LINE
Poles	6	Rotation	SELECTIVE CCW
Mounting	ROUND-EXTENDED STUDS	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	SGL SPL EXT
Overall Length	10.09 in	Frame Length	5.5 in
Shaft Diameter	0.5 in	Shaft Extension	2.56 in
Assembly/Box Mounting	F1 ONLY		



DASH	FR	XB	C
550	48	5.69	10.09
625	48	6.44	10.84

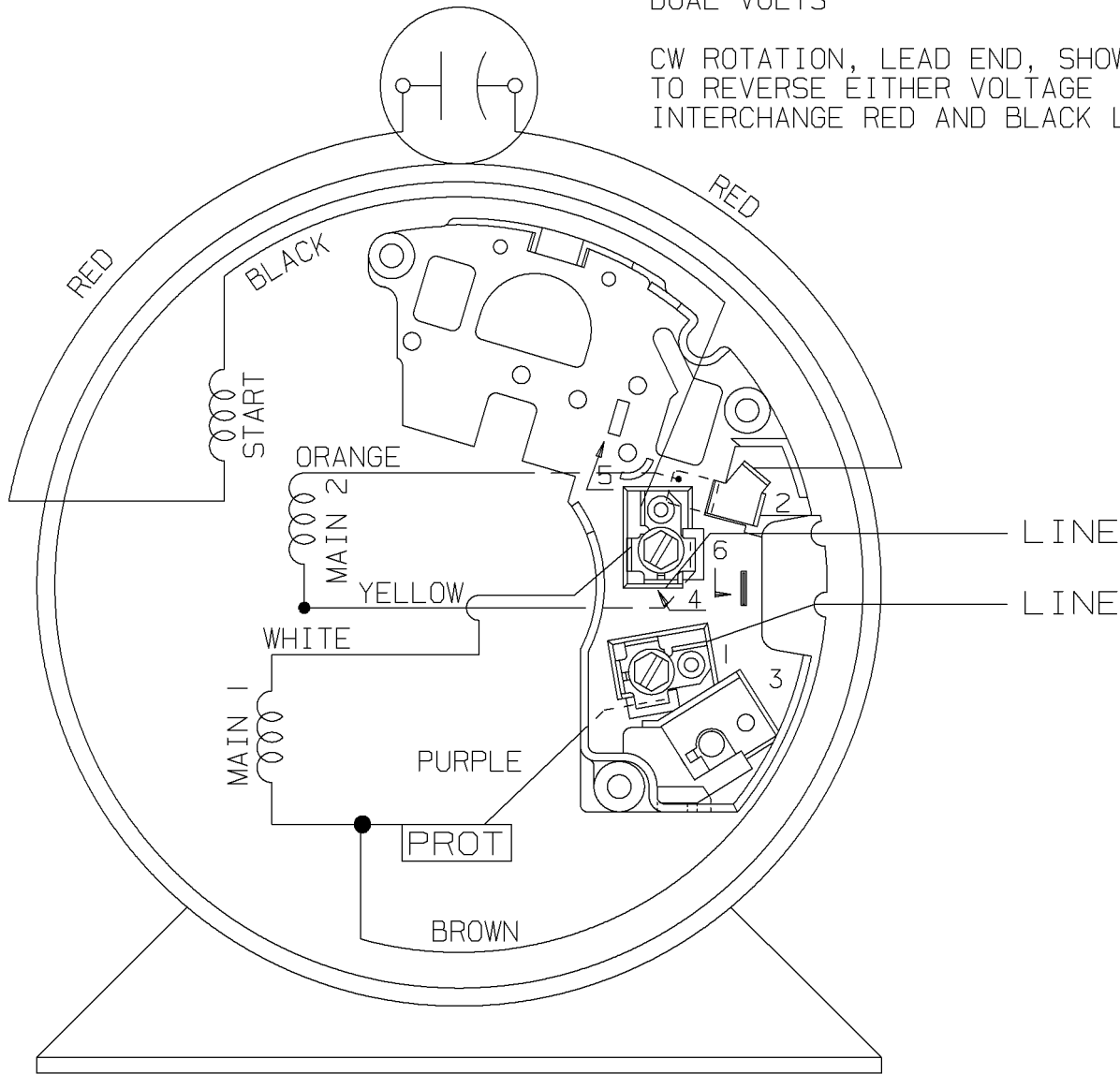
TOTALLY ENCLOSED MOTOR
FULLY GASKETED

				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN DD 01-14-1994				
				DEC.	INCHES		CHK ML 01-17-1994	APPD SHT 01-17-1994			
3	UPDATED DRAWING	TJW	04/23/2007	.XX	±.03	TITLE OUTLINE	SCALE 3=8				
2	REDRAWN IN AUTOCAD	TAT	05-09-2005	ML	.XXX ±.005		REF				
1	NEW DRAWING 4109227	DD	01-21-1994	.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 ss75967	SIZE A	DRAWING NO. SS75967	PAGE	OF	REV. 3
				DIST	WP						

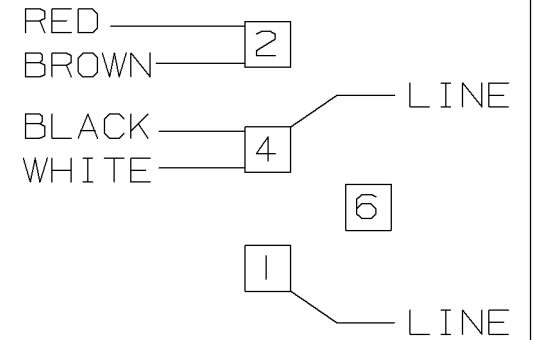
DUAL VOLTS

A- EE9057AH

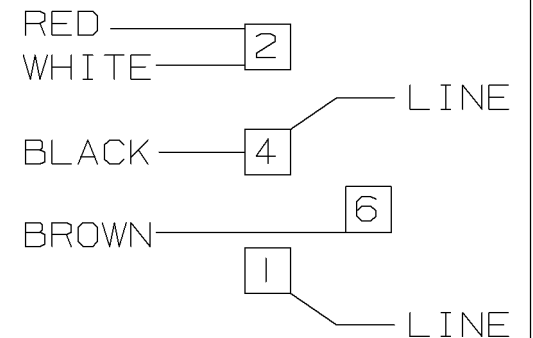
CW ROTATION, LEAD END, SHOWN TO REVERSE EITHER VOLTAGE INTERCHANGE RED AND BLACK LEADS.



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±			
				MATL SPEC				DRAWN BY MH 04-03-1998
				FINISH				CHKD BY ML 04-06-1998
1	04-17-1998	NEW DRAWING		MH	WAUSAU, WISCONSIN 54401			APPD BY TOM 04-27-1998
REV	DATE	CHANGE		NAME	PART NAME CONNECTION DIAGRAM			DRWG NO A- EE9057AH

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM - BR

CADD FILE NO.

EE9057AH

CERTIFICATION DATA SHEET

Model#: 48A11T2021 D WINDING#: PE4861760 NONE 3
 CONN. DIAGRAM: A-EE9057AH ASSEMBLY: F1 ONLY
 OUTLINE: A-SS75967-550

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/4	0.19	1200	1075	48Y	TEAO	D	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/230	3.2/1.6	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 59.5	3/4 LOAD EFF: -	1/2 LOAD EFF: -	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 91	3/4 LOAD PF: -	1/2 LOAD PF: -	0	PSC 1 SPEED	1.5 / .8

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
18.5 LB-FT	9 / 4.5	8.2 LB-FT -	32.1 LB-FT -	-

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

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	ROUND-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 2.50 WITH 2.25 DBL FULL FLATS	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

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N
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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

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