

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 048A11O1239
Catalog No: X268
1/3,1075,OPEN,48Y,1/60/208-230
Commercial Refrigeration Fan



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REGAL



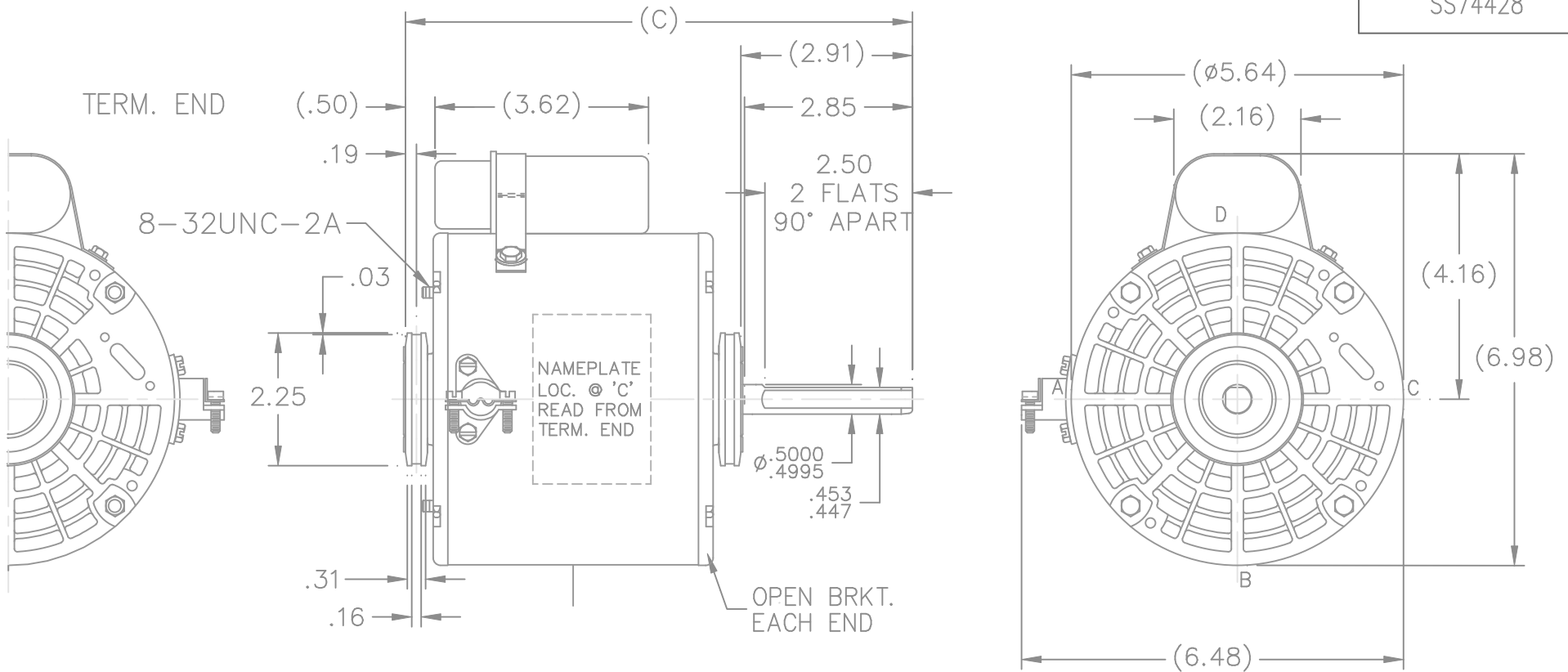
Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230 V
Current	3 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	64 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	D	Frame	48Y
Enclosure	OPAO	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	1		

Technical Specifications

Electrical Type	PSC 1 SPEED	Starting Method	ACROSS THE LINE
Poles	6	Rotation	FIXED CW
Mounting	RESILIENT RINGS	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	SGL SPL EXT
Overall Length	8.6 in	Shaft Diameter	0.5 in
Shaft Extension	2.91 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS74428-425	Connection Diagram	9510634

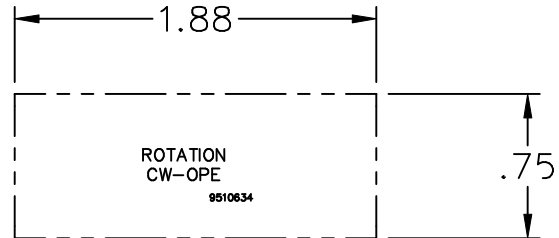
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LEAD DESCRIPTION:
2 BLACK LEADS W/.75 BARE WIRE STRIPED
12.00-14.00" LONG

DASH	FR.	C
425	48	8.60

				TOLERANCES UNLESS SPECIFIED			DRAWN MRB 03-16-1998					
				DEC.	INCHES		CHK	ML	03-30-1998			
				.X	±.1		APPD	GK	03-30-1998			
3	CORRECTED STUD BOLTS	CN09-1776	TJW 5/14/2009	CTO	.XX		±.03	TITLE OUTLINE		SCALE	3=8	
2	SHAFT EXT. WAS (1) FLAT NOW (2)	CN 29400-1064	DRS 10-29-2002	ML	.XXX	±.005			REF			
1	REDRAWN AND UPDATED ON CADD	MRB 03-30-1998			.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 ss74428			SIZE	DRAWING NO.	PAGE	OF	REV.
			DIST WP					A	SS74428		3	



				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT 	DRAWN RR 08-27-1976			
				DEC.	INCHES		CHK	GK	08-27-1976	
				.X	±.1		APPD	HM	08-31-1976	
				.XX	±.02		SCALE 1=1			
2	REDRAWN IN AUTOCAD	HLB 01-11-2005	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM			REF	
1	NEW DRAWING ECN 171	RR 09-02-1976		.XXXX	±.0005	MAT'L.			FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH			PREV	
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			DIST WP				A	9510634		2

CERTIFICATION DATA SHEET

Model#:

48A1101239 D

WINDING#:

PE4861168 NONE 2

CONN. DIAGRAM:

9510634

ASSEMBLY:

F1 ONLY

OUTLINE:

A-SS74428-425

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1200	1075	48Y	OPAO	D	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	208-230	3.0	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: -	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	1.3

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24.5 LB-FT	6.7	8.4 LB-FT -	48.3 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 RINGS	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE	BEACON 325	SGL SPL EXT	0.500 x 2.85 WITH 2.50 DBL FULL FLATS	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
BALL	BALL						
6203	6203						

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

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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