PRODUCT INFORMATION PACKET



Model No: 048A11O653 Catalog No: X042 .17 HP 3 speed Fan and Blower HVAC/R Motor, 1 phase, 12

0.17 HP 3 speed Fan and Blower HVAC/R Motor, 1 phase, 1200 RPM, 115 V, 48Y Frame, OPAO

Direct Drive Motors





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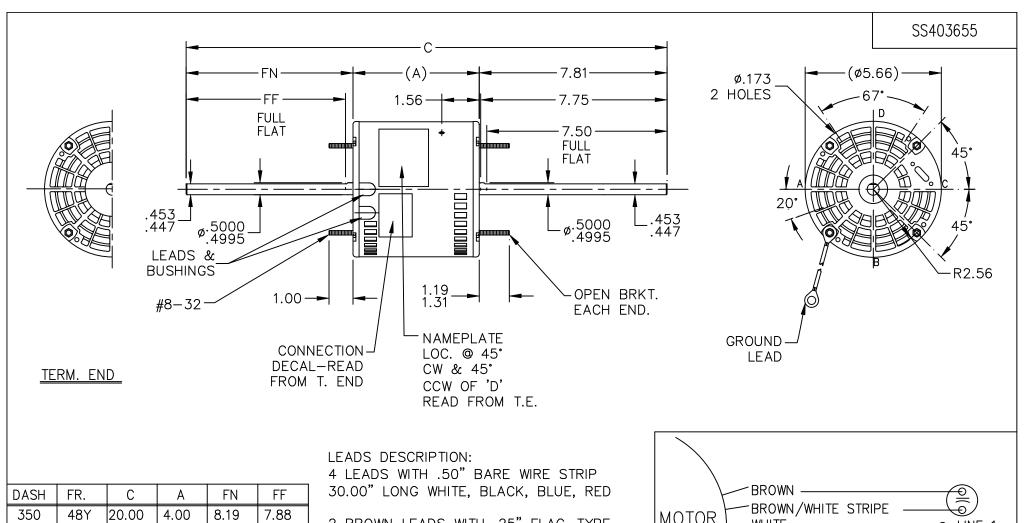
Nameplate Specifications

Output HP	0.17 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	115 V
Current	2.1 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	50.4 %	Power Factor	85.3
Duty	Continuous	Insulation Class	В
Design Code	NO DESIGN CODE	KVA Code	С
Frame	48Y	Enclosure	Open Air Over
Thermal Protection	Automatic Lock Rotor Only	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Υ
CE	N	IP Code	10

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Fixed Counterclockwise
Mounting	Three Lug Mount	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	20.00 in	Frame Length	3.50 in
Shaft Diameter	0.500 in	Shaft Extension	7.81 in
Assembly/Box Mounting	F1 ONLY		
Connection Drawing	6906495	Outline Drawing	A-SS403655-350

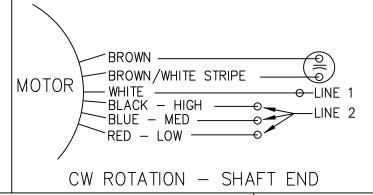
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375 48Y 20.00 4.25 7.94 7.62 20.00 4.50 400 48Y 7.69 7.38 7.13 425 48Y 20.00 4.75 7.44

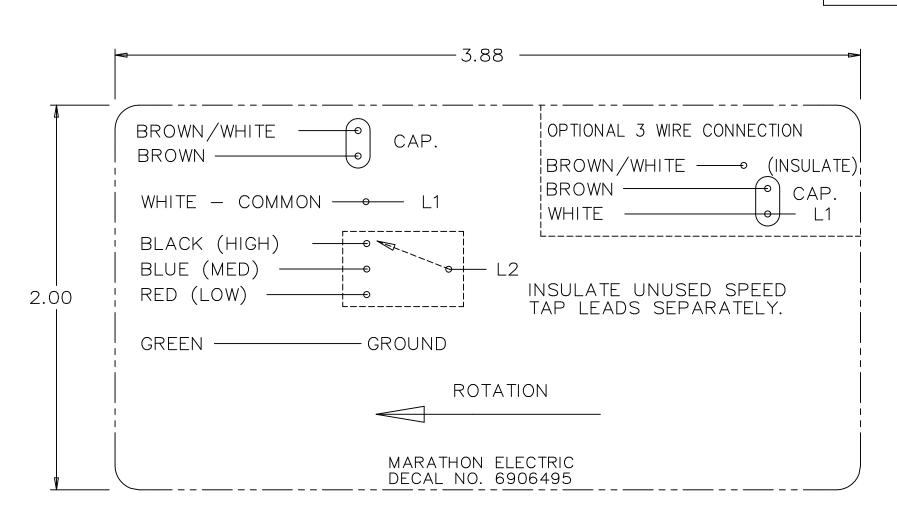
2 BROWN LEADS WITH .25" FLAG-TYPE QUICK-30.00" LONG BROWN LEAD WITH WHITE MARK IS COMMON TO WHITE LEAD

GRN. GRD. LEAD W/ TERM. FOR #10 SCREW 12.00" LONG



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3	REMOVED 'MARATHON ELECTRIC' CN 35106	DRS 05-01-2002	ТОМ	.xx	±	TITLE CONNECTION DECAL	SCALE	1=	1
2	PART NAME WAS CONNECTION DIAGRAM CN 25669	MRB 04-23-1998		.xxx	±.005		REF		
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CERTIFICATION DATA SHEET

 Model#:
 48A110653 R
 WINDING#:
 PE486588 NONE 1

 CONN. DIAGRAM:
 6906495
 ASSEMBLY:
 F1 ONLY

OUTLINE: A-SS403655-350

TYPICAL MOTOR PERFORMANCE DATA

НР	kw	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/6	0.13	1200	1075	48Y	OPAO	С	NO DESIGN
							CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115	2.05	ACROSS THE	CONTINUOU	В3	1.0	40	3300
				LINE	S				

FULL LOAD EFF: 50.4	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 3 SPEED	1.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
12.2 LB-FT	4.6	5.5 LB-FT -	18.1 LB-FT -	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT	
- dBA	- dBA	- 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	THREE LUG MOUNT	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEAF	RINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE OPE						MATERIAL	MATERIAL
BALL	BALL	BEACON 325	SGL SPL EXT	0.500 x 2.94 IN	NONE	1144	ROLLED STEEL
6203	6203			SEF WITH 2.00 IN		STRESSPROOF	
				FULL FLAT		(C-223)	

	THERMO-PR	OTECTORS		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

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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DATE: 06/27/2017 05:45:22 AM FORM 3531 REV.3 02/07/99 ** Subject to change without notice.