PRODUCT INFORMATION PACKET



Model No: 048A17O128 Catalog No: X477

0.17 HP Fan and Blower HVAC/R Motor, 1 phase, 1800 RPM, 115 V, 48Y Frame, OPAO

Direct Drive Motors





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Nameplate Specifications

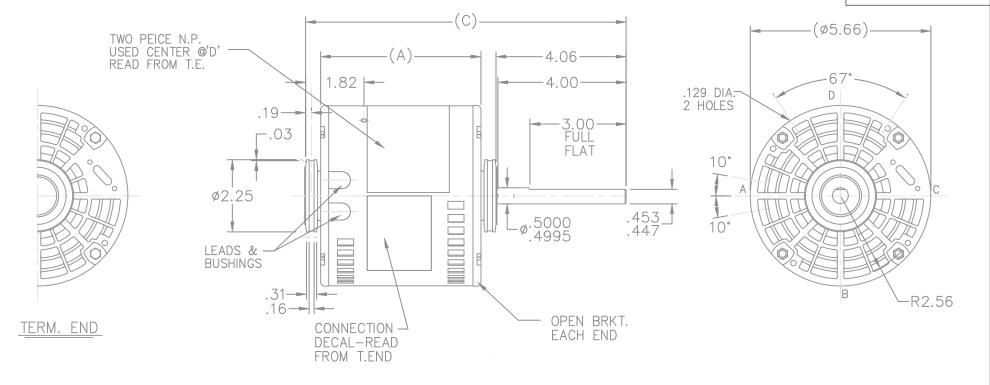
Output HP	0.17 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	115 V
Current	2.6 A	Speed	1625 rpm
Service Factor	1	Phase	1
Efficiency	52.5 %	Power Factor	80.4
Duty	Continuous	Insulation Class	Α
Design Code	NO DESIGN CODE	KVA Code	С
Frame	48Y	Enclosure	Open Air Over
Thermal Protection	Automatic Lock Rotor Only	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	N
CE	N	IP Code	10

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	9.00 in	Frame Length	3.50 in
Shaft Diameter	0.500 in	Shaft Extension	4.06 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-SS403801-350	Connection Drawing	6906496

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LEAD DESCRIPTION:

4.00 TO 6.00 LONG.

1 BLACK AND 1 WHITE LEAD WITH .50 BARE WIRE STRIP. 36.00 TO 38.00 LONG.

4.00 4.25 4.50 4.75 2 BROWN LEADS WITH .25 FLAG-TYPE QUICK CONNECTS 36.00 TO 38.00 LONG
WHITE MARKED LEAD IS COMMON TO WHITE.
REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUGS. 1 YELLOW & 1 PURPLE LEAD PER PLUG.

CW ROTATION — SHAFT END SHOWN TO REVERSE, CONNECT PURPLE TO YELLOW, AND YELLOW TO PURPLE

WHITE UINE
BLACK UINE
PURPLE PURPLE
YELLOW YELLOW

BROWN/WHITE STRIPE

'	70 101 10.20 0.20									
				TOL UNLES	ERANCES S SPECIFIED			DRAWN	RP 01-07-	2009
				DEC.	INCHES			СНК	SP 01-07-	2009
				.x	±.1			APPD	NB 01-07-	2009
				.xx	±.02	TITLE OUTLINE		SCALE	3=9	
				.xxx	±.005			REF	SS403417	
				.xxxx	±.0005	MAT'L.		FMF	07-2426	
NO.	. REVISION	BY & DATE	СНК	ANG	±7'30"	FINISH		PREV		
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE		RFP	01-	-07-2009	CAD FILE SS403801	SIZE DRAWING NO			REV.
	IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARI THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE TH		DIST	WP			A SS	34038	01	

FR.

48Y

48Y

48Y

48Y

48Y

DASH

350

375

400

425

475

C

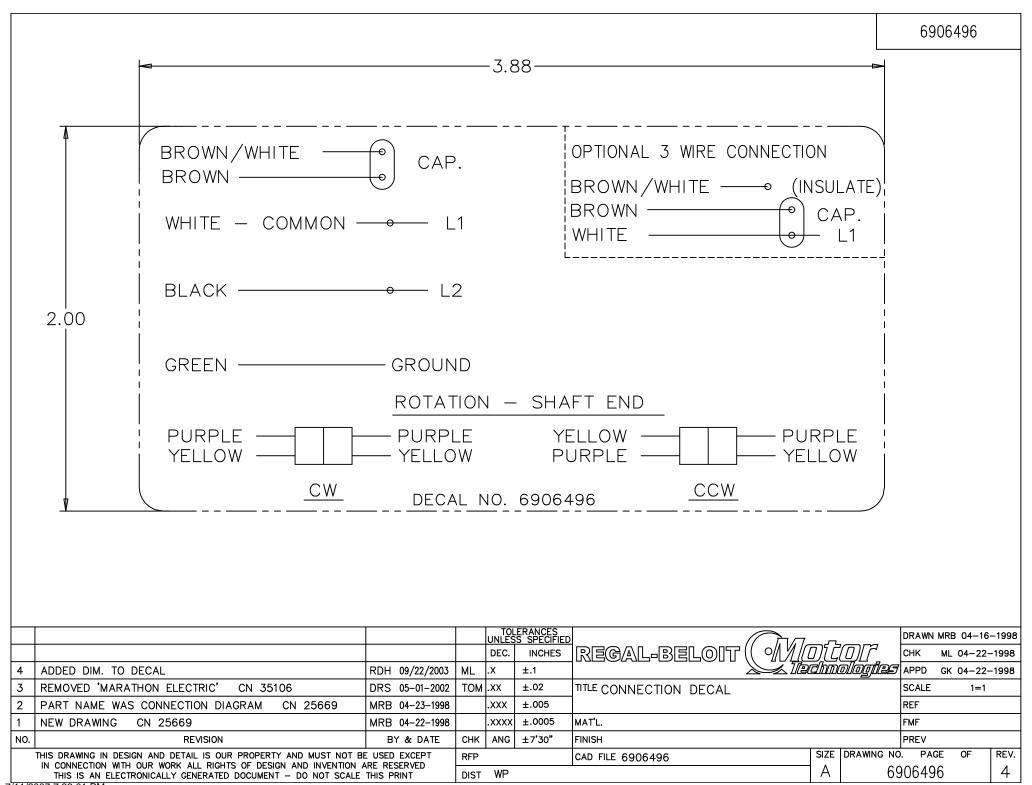
9.00

9.25

9.50

9.75

110.25 | 5.25



CERTIFICATION DATA SHEET

 Model#:
 48A17O128 C
 WINDING#:
 PE484205 NONE 1

 CONN. DIAGRAM:
 6906496
 ASSEMBLY:
 F1 ONLY

OUTLINE: A-SS403801-350

TYPICAL MOTOR PERFORMANCE DATA

НР	кw	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/6	0.13	1800	1625	48Y	OPAO	С	NO DESIGN
							CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115	2.6	ACROSS THE	CONTINUOU	А	1.0	40	3300
				LINE	S				

FULL LOAD EFF: 52.5	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	1.8	

F.L. TORQUE	F.L. TORQUE LOCKED ROTOR AMPS		B.D. TORQUE	F.L. RISE°C	
8.14 LB-FT	5.5	3.09 LB-FT -	13.4 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	ODE BRACKET	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT RINGS	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEAI	BEARINGS		SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	BEACON 325	SGL SPL EXT	0.500 x 4.00 WITH	NONE	1144	ROLLED STEEL
6203	6203			3.00 FULL FLAT		STRESSPROOF (C-223)	

	THERMO-PROTECTORS				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 PPR

BRAKE: NONE NONE NONE P/N NONE NONE NONE

NONE NONE V NONE HZ

* N O T E S

DATE: 06/28/2017 01:09:19 AM FORM 3531 REV.3 02/07/99

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