

PRODUCT INFORMATION PACKET

Model No: D347

Catalog No: D347

Fan Coil & Air Conditioner Motor, 1/8-1/10-1/15-1/20 HP, 1 Ph, 60 Hz, 115 V, 1550 RPM, 4 Speed,
42 Frame, OAO



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Nameplate Specifications

Output HP	1/8-1/10-1/15-1/20 Hp	Output KW	0.10 kW
Frequency	60 Hz	Voltage	115 V
Current	2.3/1.6/1.2/0.7 A	Speed	1550 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	42None	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	4

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Clockwise Lead End
Mounting	Resilient Rings	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Na
Shaft Type	Flat	Overall Length	24.01 in
Shaft Diameter	0.500 in	Shaft Extension	10.50 in
Connection Drawing	SEE OUTLINE	Outline Drawing	7184001510_S001

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NOTES

1. THRU AIR SPACING BETWEEN WIRE AND METAL .094 MIN.

2. TIE BOLT TORQUE TOLERANCE 7-12 IN. LBS.

3. FOR WASHER SET-UP, SEE CHART C600 0279, DETAIL "A".

4. SALES TO SPECIFY ON P.O. WHICH PACK TO USE.

ECO	REV.	DATE	SPEC/CHECK
641313	10	06-02-10	GAE/GAE
631708	7	9-8-03	MKR/MKR
638462	8	08-01-08	GAE/GAE
639119	9	02-27-09	GAE/GAE

71x xxx,R

A. SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURES.

1 MOTOR/CARTON;
10 MOTORS/LAYER;
7 LAYERS/PALLET;
70 MOTORS/PALLET.

B. SEE DRAWING 8785 6079 SH. 7 FOR PALLET LAYOUT.

C. CENTER LABEL, 6119 6591, ON END OF CARTON.

D. PLACE PAMPHLET, 6122 4579, IN CARTON WITH MOTOR.

71x xxxC

71x xxxZ

PRODUCTION TEST AT IDLE 115 VOLTS 60 HZ		MOTOR SPEED	PERFORMANCE TEST 115 VOLTS 60 HZ 1 PH 1/8 HP CAP. 5 MFD 370 VAC											
			IDLE			LOADED				LOCKED			BREAK	
AMP	WATT		RPM	AMP	WATT	OZ/IN	RPM	AMP	WATT	OZ/IN	AMP	WATT	OZ/IN	
1.20 — .98	72.6 — 59.4	HIGH	1790	1.09	66	100	1550	2.09	224	26	3.31	354	103	
.66 — .54	45.1 — 36.9	MED. HIGH	1785	.60	41	69	1550	1.45	153	17	2.44	248	71	
.45 — .37	33.0 — 27.0	MED. LOW	1783	.41	30	50	1550	1.07	111	13	1.90	189	56	
.29 — .23	23.1 — 18.9	LOW	1769	.26	21	28	1550	.65	65	7	1.19	110	31	

HI-POT TEST 2000 VOLTS	
MAX LEAKAGE CURRENT 5 mA	

7184 0015

MA

OPPOSITE LEAD END

3

Ø 4.64
4.60 B.C.

Ø (5.12)

0°

I.D. MARK

10-32 UNF-2A TH'D TYP.

.77
.63 TYP.

(.19)

END .050
PLAY .005

8.54
8.50

24.01
23.99

10.53
10.43

3.09
3.01

10.47
REF.

.70 REF.

6133 6357

ROTATION

Ø .5000
.4997

.453
.443

(BOTH ENDS)

LEAD END

4

OIL TUBE
WITH PLUG
TYP.

0°

BRASS
GROMMET
TYP.

8.54
8.50

LEAD DATA: 18 GA. 4/64" INS. 105° C THERMO. WHITE, BLACK, BLUE, YELLOW AND RED LINE LEADS. ALL 32.00"/30.00" LONG WITH .56"/.44" STRIPS. BROWN AND BRN/WHT CAP. LEADS 6.00"/4.00" LONG WITH 1/4" FLAG TERMS.

GROUND DATA: 18 GA. 2/64" INS. 105° C THERMO. GRN/YEL 7.00"/6.00" LONG WITH A #10 SERRATED RING TERM.

7184 0015 = MADE IN U.S.A.

7184 0015R = ASSEMBLED IN MEXICO

FASCO INDUSTRIES, INC.
MOTOR DIVISION

CONNECTION DIAGRAM

BRN — CAPACITOR

BRN/WHT —

WHT —

BLK-HI —

BLU-M. HI —

YEL-M. LO —

RED-LO —

MODEL
D347

DATE/BAR CODE AREA PER 8882 6003

SAFETY WARNING

THIS MOTOR MUST BE GROUNDED IN ACCORDANCE WITH LOCAL OR NATIONAL ELECTRICAL CODES TO PREVENT POSSIBLE INJURY DUE TO ELECTRICAL SHOCK.

6133 6357,R

REV. 3

LOCATE NAMEPLATE .05 FROM EDGE OF LEAD END COVER TO READ RIGHT FROM LEAD END OF MOTOR CENTER AT 40° CWLE.

SIZE 3.50 X 1.00

SPECIAL INSTRUCTIONS: FLATS TO BE PARALLEL WITHIN ±20°. SHAFT IS BONDERIZED.

ROTOR IS RUSTPROOFED. CAPACITOR MUST NOT OVERHANG FRONT END OF MOTOR.

△ LANCE MUST BE COMPLETELY COVERED BY NAMEPLATE. PAMPHLET PACKED WITH MOTOR.

MOTORS PACKED MAX. PER SKID: _____ PALLET PACK, 70 CARTON PACK, _____ TRAY PACK.

CUSTOMER:

FASCO DISTRIBUTING CO.

PART NUMBER:

D347

APPLICATION: DIST. SALES

FINISH COLOR: GRAY

MOTOR WEIGHT: 7.25 LBS.

ENVIRONMENT: WET

INSULATION CLASS: B

PROPRIETARY: DO NOT DUPLICATE OR DISCLOSE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION OF FASCO IND. INC., ELDON MO.

FASCO

MOTORS AND BLOWERS

FASCO INDUSTRIES, INC.

MOTOR DIVISION

ELDON PLANT

MOTOR TYPE

P.S.C.

B LA FR A S C E B A

00 84 10 V 12 AB 8 8 0

MOTOR NUMBER

7184 0015
R

REV.

10

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