

PRODUCT INFORMATION PACKET

Model No: D1059

Catalog No: D1059

OEM Replacement Motor, 1/6 HP, 1 Ph, 60 Hz, 115-127 V, 1450 RPM, 3 Speed, 42 Frame, OAO



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Nameplate Specifications

Output HP	1/6 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	115-127 V
Current	2.3 A	Speed	1450 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	3

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Clockwise Shaft End
Mounting	Resilient Base	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Na
Shaft Type	Flat	Overall Length	21.02 in
Shaft Diameter	0.500 in	Shaft Extension	8.75 in
Outline Drawing	7184037604_S001	Connection Drawing	SEE OUTLINE

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NOTES

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

2. TIE BOLT 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

642614

4

11-29-11

GAE/GAE

633295

1

7-27-04

JAK/RWS

638845

2

11-19-08

MKR/MKR

639331

3

03-31-09

GAE/GAE

71xx xxx,R

A. SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURE.

1 MOTOR/CARTON;
10 MOTORS/LAYER;
5 LAYERS/PALLET;
50 MOTORS/PALLET.

71xx xxxC

71xx xxxZ

B. SEE DRAWING 8785 6079 SH. 2 FOR PALLET LAYOUT.

C. CENTER LABEL, 6120 6639, ON END OF CARTON.

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

PRODUCTION TEST AT IDLE
115 VOLTS 60 HZ

MOTOR SPEED

PERFORMANCE TEST 115 VOLTS 60 HZ 1 PH 1/6 HP CAP. 5 MFD 370 VAC

AMP

WATT

1.12 — .92

101.2 — 82.8

HIGH

RPM

AMP

WATT

OZ/IN

RPM

AMP

WATT

OZ/IN

RPM

AMP

WATT

OZ/IN

RPM

AMP

WATT

OZ/IN

1780

1.02

92

114

1450

2.37

260

60

3.87

411

125

.59 — .49

66.0 — 54.0

MED.

1769

.54

60

59

1450

1.35

146

29

2.13

219

61

.24 — .20

27.5 — 22.5

LOW

1750

.22

25

16

1450

.46

48

8

.73

72

18

HI-POT TEST 2000 VOLTS

MAX LEAKAGE CURRENT 5 mA

7184 0376

MA

OPPOSITE LEAD END

END .050
PLAY .005

(3.50)

3

Ø 4.64 B.C.
Ø (5.12)

Ø 4.60

0°

9

ROTATION

21.02
21.98

8.75
8.65

3.34
3.26

9.00
REF.

4.52
4.48

6135 6068

.70
REF.

4.17

1.59

.875

1.75

(.12)

.22
.08 TYP.

(9.85)

.312

.50

.624

Ø .375

.54

5.00

2.00

.5000
.4997

.453
.443

(BOTH ENDS)

4.02
3.98

BRASS GROMMET

8-32 UNC-2A
TH'D TYP.

CONDUIT CLAMP
&
BRASS GROMMET

14

4

0°

LEAD END

LEAD DATA: 18 GA. 2/64" INS. 125° C EPDM. WHITE, BLACK, BLUE AND RED LINE LEADS 73.00"/71.00" LONG WITH .56"/.44" STRIPS. BROWN AND BRN/WHT CAP. LEADS 4.50"/2.50" LONG WITH 1/4" FLAG TERMINALS.

GROUND DATA: 18 GA. 2/64" INS. 105° C THERMO. GRN/YEL. 4.50"/3.50" LONG WITH A #10 SERRATED RING TERMINAL.

FASCO

FASCO INDUSTRIES, INC.
MOTOR DIVISION
ASSEMBLED IN MEXICO

SP

TA

THERMALLY PROTECTED
CONNECTION DIAGRAM

V. 115-127 HZ 60 PH 1 AO ROT
HP 1/6 AMP 2.3 CAP 5 MFD 370 VAC
RPM 1450 (3 SPD) 40°C AMB NO. 7184-0376
TYPE U184B1 INS CL B

MODEL
D1059

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

DATE/BAR CODE AREA PER 8882 6003

BRN — CAPACITOR
BRN/WHT — LINE
WH — LINE
BLK-HI —
BLU-MED —
RED-LO —

6135 6068,R

REV. 2

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

SIZE 3.50 X 1.00

8669 6531 1

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

SHAFT IS BONDERIZED. ROTOR IS RUSTPROOFED. △ LANCE MUST BE COMPLETELY COVERED BY NAMEPLATE. PAMPHLET PACKED WITH MOTOR.

MOTORS PACKED MAX. PER SKID: PALLET PACK, 50 CARTON PACK, TRAY PACK.

CUSTOMER:
FASCO DISTRIBUTING CO.

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

PART NUMBER:
D1059

FASCO INDUSTRIES, INC.
MOTOR DIVISION
ELDON PLANT

APPLICATION: DIST. SALES

FINISH COLOR: GRAY

MOTOR WEIGHT: 9.5 LBS.

ENVIRONMENT: WET

INSULATION CLASS: B

MOTOR TYPE
P.S.C.

MOTOR NUMBER
7184 0376
R

REV.
4

B LA FR A S C E B A
00 84 12 V 04 AS 7 8 0

3 of 3

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