

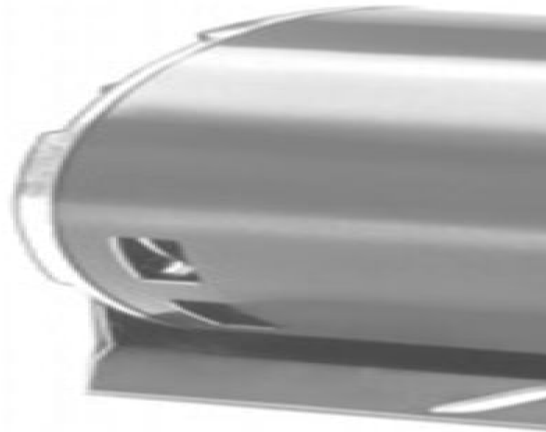
PRODUCT INFORMATION PACKET

FASCO®

Model No: D0593

Catalog No: D0593

Fan and Blower Motor, 1/6 HP, 1 Ph, 60 Hz, 208-230 V, 1550 RPM, 1 Speed, 42 Frame, OAO



Regal and Fasco are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E

RegalRexnord



Nameplate Specifications

Output HP	1/6 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	208-230 V
Current	1.32 A	Speed	1550 rpm
Service Factor	1	Phase	1
Duty	Continuous Air Over	Insulation Class	B
Frame	42	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise Shaft End
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Flat	Frame Length	4.00 in
Shaft Diameter	0.500 in	Shaft Extension	3.3 in
Outline Drawing	71850412		

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/30/2022

NOTES

1. STATOR LOCATION DIMENSION IS FROM SLEEVE EDGE (OPPOSITE LEAD END) TO STATOR STEEL 1.04/1.02

2. STATOR STACK 1 1/8"

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

4. TIE BOLT TORQUE TOLERANCE 13 - 17 IN. LBS.

5. ASSEMBLE SPRING, 0051 1620, IN LE, END SHIELD.

6. ASSEMBLE NYLON INSERT 00613346, AROUND LEADS IN LEAD EXIT NOTCH AT 90°.

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

8. ASSEMBLE GROUND LEAD, 88750058R AT CLAMPBOLT AND BASE.

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

ECO

REV.

DATE

SPEC/CHECK

21-0638

AA

6-5-2021

RS/RS

71xx xxxxR

71xx xxxxC

71xx xxxxZ

A SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURES.

1 MOTOR/CARTON:

32 MOTORS/LAYER:

6 LAYERS/PALLET:

192 MOTORS/PALLET:

B SEE DRAWING 87856079 SH. 1 FOR PALLET LAYOUT.

C CENTER LABEL 6131 6835, ON END OF CARTON.

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

PROD TEST AT IDLE

230 VOLTS 60 HZ

MOTOR SPEED

PERFORMANCE TEST 230 VOLTS 60 HZ 1 PH 1/6 HP CAP: 7.5 MFD 370 VAC

AMP

WATT

2.68 — 0.56

105.6 — 86.4

HIGH

3.38

3.28

0.63

96

161.5

1550

1.32

303

52.2

437

167.2

HI-POT TEST 2000 VOLTS

MAX LEAKAGE CURRENT 5 mA

OPPOSITE LEAD END

GROUND LEAD

Ø 5.12 REF.

2.68 +/- .03

3

END XX

PLAY XX

0°

3.38

3.28

.50 REF.

4.075

4.035

6135 6737, R

2.62

2.58

1.57 +/- .06

1.69 +/- .02

.09 TYP.

.00

Ø 4.64

4.60

B.C.

8-32 UNC-2A

THD TYP.

0°

7185 0412

MA

LEAD END

6

4

ROTATION

Ø .5000

.4997

.453

.443

4 x Ø.28 +.02 x .89 +.02

-.00

ELONGATED MOUNTING SLOTS

3.13

±.02

LEAD DATA: 18 GA. 4/64" INS. 125° C EPDM. WHITE BLACK LINE LEADS & BROWN, BRN/WHIT CAP 37.00"/35.00" LONG WITH .56"/.44" STRIPS.

GROUND DATA: 16 GA. 2/64" INS. 105° C THERMO. GRN/YEL 10.00"/8.00" & GRN/YEL 5.00"/3.00" LONG WITH A # 10 SERRATED RING TERMINAL.

7185 0412R = ASSEMBLED IN MEXICO

FASCO

FASCO INDUSTRIES, INC.

MOTOR DIVISION

CONNECTION DIAGRAM

BRN — CAPACITOR

BRN/WHIT — LINE

WHITE — LINE

BLACK — LINE

MODEL D0593

DATE/BAR CODE AREA PER 8882 6003

THERMALLY PROTECTED

6135 6737,R

REV. AA

LOCATE Ø OF NAMEPLATE ON Ø OF SLEEVE TO READ RIGHT FROM LEAD END OF MOTOR CENTER AT 360° CWLE FROM 0°.

SIZE 3.50 X 1.00

SPECIAL INSTRUCTIONS: SHAFT IS BONDERIZED. ROTOR IS RUSTPROOFED.

MOTORS PACKED MAX. PER SKID: PALLET PACK, 192 CARTON PACK.

CUSTOMER:

FASCO DISTRIBUTING CO.

PART NUMBER:

D0593

APPLICATION: AIR HANDLER

FINISH COLOR: GRAY

MOTOR WEIGHT: LBS.

ENVIRONMENT: WET

INSULATION CLASS: B

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

FASCO INDUSTRIES, INC.

MOTOR DIVISION

REYNOSA PLANT

MOTOR TYPE

P.S.C.

MOTOR NUMBER

7185 0412

REV.

AA

B

LA

FR

A

S

C

E

B

A

00

85

32

V

17

5

0

4

3 of 3