

# PRODUCT INFORMATION PACKET

**FASCO**<sup>®</sup>

Model No: D151  
Catalog No: D151  
1/4-1/5-1/6 HP Fan & Blower Motor, 1050 RPM, 3 Speed, 230 Volts, 42 Frame, OAO  
Direct Drive Motors



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**REGAL**



**Nameplate Specifications**

Output HP	1/4-1/5-1/6 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	230 V
Current	1.7/1.2/1.0 A	Speed	1050 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	42	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

**Technical Specifications**

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Extended Studs	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Na
Shaft Type	Flat	Overall Length	10.97 in
Shaft Diameter	0.500 in	Shaft Extension	6.00 in

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- NOTES
1. THRU AIR SPACING BETWEEN WIRE AND METAL .094 MIN.
  2. THE BOLT TORQUE TOLERANCE 7 - 12 IN. LBS.
  3. FOR WASHER SET-UP- SEE CHART C600 0279, DETAIL "H".
  4. LOCATE CONNECTION DIAGRAM 6134 6699, ADJACENT TO AND RIGHT OF NAMEPLATE WITHIN .25" TO READ RIGHT FROM LEAD END OF MOTOR
  5. SALES TO SPECIFY ON P.O. WHICH PACK TO USE

ECO	REV.	DATE	SPEC/CHECK
641314	12	6-2-10	LDO/LDC
626556	9	9-25-00	LDC/RWS
630706	10	2-6-03	LDC/RWS
639118	11	02-27-09	GAE/GAE

- 71xx xxxx,R
- A. SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURE.
- 1 MOTOR/CARTON;  
 24 MOTOR/S-LAYER;  
 6 LAYERS/PALLET;  
 144 MOTOR/S/PALLET.
- B. SEE DRAWING 6786 6079 SH. 1 FOR PALLET LAYOUT.  
 C. CENTER LABEL, 6119 6892, ON END OF CARTON.  
 D. PLACE PAMPHLET, 6122 4579, IN CARTON WITH MOTOR.

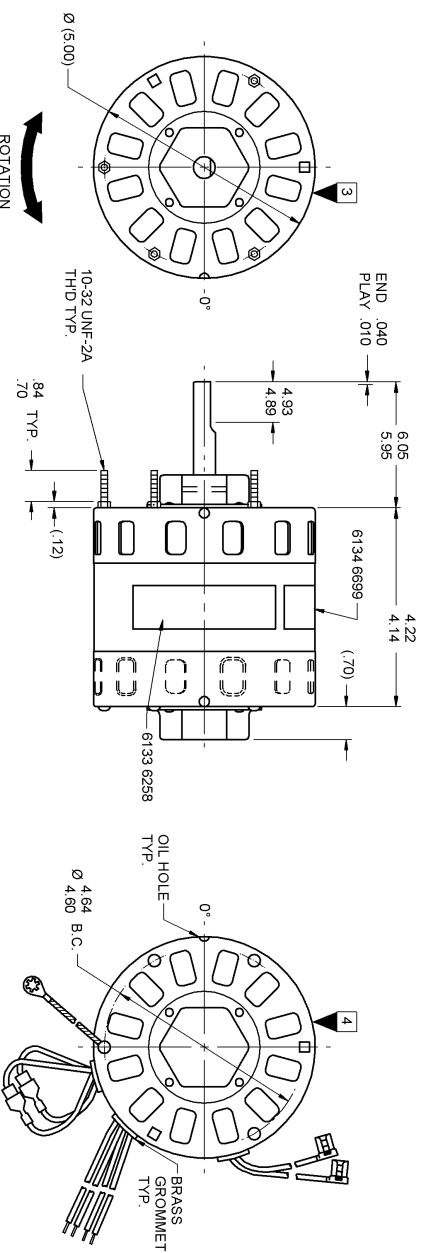
71xx xxxxC

PRODUCTION TEST AT IDLE		MOTOR SPEED		PERFORMANCE TEST		230 VOLTS 60 HZ		1 PH 1/4 HP		CAP. 5 MFD 370 VAC		BREAK	
AMP	WATT	RPM	AMP	WATT	AMP	WATT	AMP	WATT	AMP	WATT	AMP	WATT	OZ/IN
.62	124.3	1193	.56	113	271.2	1050	1.59	350	97.2	2.71	551	280.4	
.42	89.1	1192	.38	81	190.8	1050	1.13	245	1.97	378	202.8		
.32	70.4	1191	.29	64	145.2	1050	.87	186	1.55	283	158.4		

HI-POT TEST 2000 VOLTS  
 MAX LEAKAGE CURRENT 5 mA  
 TYPICAL PERFORMANCE SHOWN ABOVE FOR CW/LE ROTATION

OPPOSITE LEAD END

LEAD END  
 7186 0008 MA

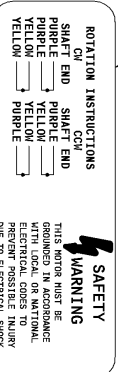


LEAD DATA: 18 GA. 4/64" INS. 105° C THERMO. WHITE, BLACK, BLUE AND RED LINE LEADS 32.00" 30.00" LONG WITH .56"/.44" STRIPS. BROWN AND BRN/WHT CAP. LEADS 16.00"/14.00" LONG WITH 1/4" FLAG TERMINALS.

REV. LEAD DATA: 18 GA. 2/64" INS. 105° C THERMO. 2-YELLOW AND 2-PURPLE 8.00"/6.00" LONG WITH 1/4" PRE-INSULATED Q.C. TERMINALS.

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

7186 0008 = MADE IN U.S.A.  
 7186 0008R = ASSEMBLED IN MEXICO



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

SPECIAL INSTRUCTIONS: SHAFT IS BONDZERIZED. ROTOR IS RUST-PROOFED.  
 PAMPHLET PACKED WITH MOTOR.



CONNECTION DIAGRAM  
 BRN BRN/WHT CAPACITOR  
 BLK-HI BLK-L  
 RED-LO

MOTORS PACKED MAX. PER SKID. PALLET PACK 144 CARTON PACK  
 CUSTOMER: FASCO DISTRIBUTING CO.  
 FASCO INDUSTRIES, INC.  
 MOTOR DIVISION  
 ELDON PLANT

MOTOR NUMBER REV.  
 7186 0008 12

ROTATION INSTRUCTIONS  
 CW → SHIFTS END  
 CCW → SHIFTS END  
 PURPLE → SHIFTS END  
 PURPLE → SHIFTS END  
 YELLOW → SHIFTS END  
 YELLOW → SHIFTS END  
 PURPLE → SHIFTS END

WARNING THE MOTOR MUST BE GROUNDED IN ACCORDANCE WITH LOCAL OR NATIONAL ELECTRICAL CODES TO PREVENT ELECTRICAL SHOCK DUE TO ELECTRICAL SHOCK

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 BLK-HI BLK-L  
 RED-LO

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V. 230 HZ 60 AD PH 1 ROT 1/4  
 HP 1/4-1/6-1/8 CAP. 5 MFD 370 VAC  
 AMP 1.7-1.2-1.0 TYPE 018681 NO. 7186-0008  
 RPM 1050 (3 SPD) INS. CL. B. 40° C AMB  
 DATE/BAR CODE AREA PER 8882 6003 MODEL THERMALLY PROTECTED D151

CONNECTION DIAGRAM  
 BRN BRN/WHT CAPACITOR  
 BLK-HI BLK-L  
 RED-LO

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LOCATE C OF NAMEPLATE ON C OF STATOR TO READ RIGHT FROM LEAD END OF MOTOR CENTER AT 0°.  
 SIZE 3.50 X 1.00

APPLICATION: DIST. SALES  
 FINISH COLOR: GRAY  
 MOTOR WEIGHT: 11.0 LBS.  
 ENVIRONMENT: WET  
 INSULATION CLASS: B

MOTOR TYPE P.S.C.  
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