

PRODUCT INFORMATION PACKET

FASCO®

Model No: D152

Catalog No: D152

1/4-1/5-1/6-1/8 HP Fan & Blower Motor, 1050 RPM, 4 Speed, 277 Volts, 42 Frame, OAO
Direct Drive Motors



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REGAL



Nameplate Specifications

Output HP	1/4-1/5-1/6-1/8 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	277 V
Current	1.6/1.1/0.9/0.7 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	Ball
Opp Drive End Bearing	Ball	Frame Material	Na
Shaft Type	Flat	Overall Length	10.97 in
Shaft Diameter	0.500 in	Shaft Extension	6.00 in
Outline Drawing	7186001008_S001	Connection Drawing	SEE OUTLINE

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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 C800 0279. DETAIL "H".
4. LOCATE CONNECTION DIAGRAM, 6134 6899, ADJACENT TO AND RIGHT OF NAMEPLATE WITHIN .25" TO READ RIGHT FROM LEAD END OF MOTOR.
5. CONNECT THE TWO YELLOW REV. LEADS TOGETHER AND THE TWO PURPLE REV. LEADS TOGETHER. THIS WILL GIVE CW/LE ROTATION.
6. SALES TO SPECIFY ON P.O. WHICH PACK TO USE.

ECO	REV.	DATE	SPEC/CHECK
638291	5	6-20-08	MKR/MKR
639418	6	4-8-09	LD/OLD
641318	7	6-15-10	MKR/MKR
642317	8	08-24-11	GA/E/GE

71xx xxxx,R

- A. SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURES
- 1 MOTOR/CARTON;
24 MOTOR/S/LAYER;
6 LAYERS/PALLET;
144 MOTOR/S/PALLET.
- B. SEE DRAWING 8785 6079 SH. 1 FOR PALLET LAYOUT.
C. CENTER LABEL. 6119 6705. IN END OF CARTON.
D. PLACE PAMPHLET. 6122 4579. IN CARTON WITH MOTOR.

71xx xxxx C

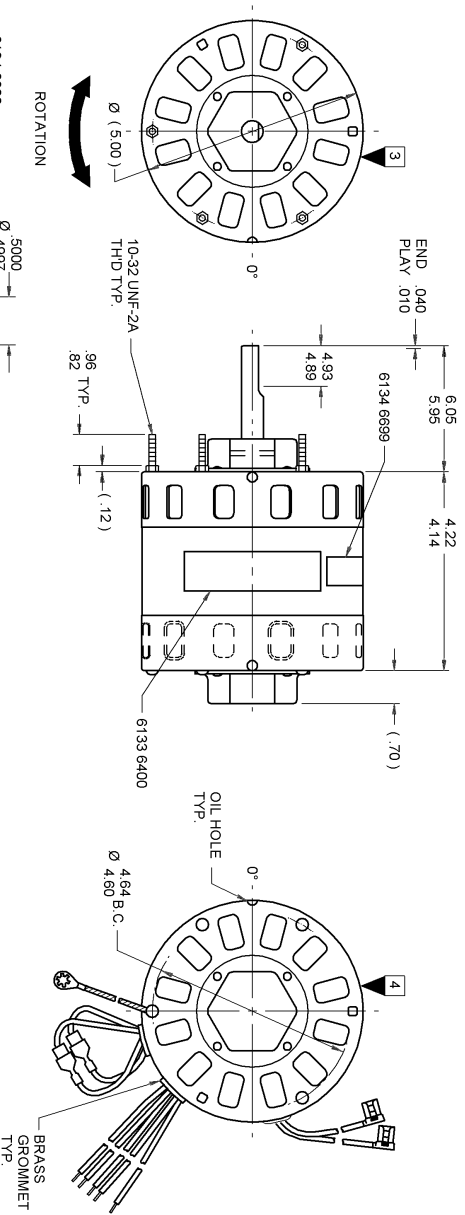
PRODUCTION TEST AT IDLE 227 VOLTS 60 HZ		PERFORMANCE TEST 227 VOLTS 60 HZ		1 PH 1/4 HP CAP. 5 MFD 370 VAC		LOCKED		BREAK	
AMP	WATT	RPM	AMP	WATT	AMP	WATT	AMP	WATT	OZ/IN
.53	124.3	1195	113	280	1.41	380	88	2.41	613
.36	90.2	1194	.33	207	1.04	277	78	1.87	454
.28	69.3	1193	.25	63	157	212	59	1.47	338
.22	58.3	1192	.20	53	124	167	41	1.20	264
									138

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

7186 0010 MA

OPPOSITE LEAD END

LEAD END



ROTATION INSTRUCTIONS

SHUT OFF POWER TO MOTOR
PULL THE YELLOW PAMPHLET FROM THE MOTOR

SAFETY WARNING

THE MOTOR IS A LOCKED ROTOR MOTOR. IT MAY BE DAMAGED BY EXCESSIVE CURRENT. NEVER EXCEED THE MAXIMUM CURRENT RATING.

LEAD DATA: 18 GA. 4/64" INS. 105° C THERMO. WHITE, BLACK, BLUE, ORANGE AND RED. LINE LEADS 32.00"/30.00" LONG WITH .56"/.44" STRIPS. BROWN AND BRN/WHIT 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 LEAD DATA: 18 GA. 2/64" INS. 105° C THERMO. GRN/YEL 7.00"/6.00" LONG WITH A #10 SERRATED RING TERMINAL.

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

FASCO INDUSTRIES, INC.
MODEL D152

FASCO MOTOR DIVISION
ASSEMBLED IN MEXICO

CONNECTION DIAGRAM

BRN/WHIT 3 CAPACITOR
WHT/COMM 2 LINE
BLK/HT 1 LINE
ORGM. LD 1 LINE
RED-LO 1 LINE

V. 277 HZ 60
HP 1/4-1/5-1/6-1/8
AMP 1.6-1.1-.9-.7
RPM 1050 (4 SPD)

INS. CL. B 40° C AMB

DATE/BAR CODE AREA PER 8892 6003

6133 6400 R REV. 5

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

MOTORS PACKED MAX. PER SKID:	PALLET PACK:	144	CARTON PACK:	
CUSTOMER:	FASCO DISTRIBUTING CO.			
PART NUMBER:	D152			
APPLICATION:	DIST. SALES			
FINISH COLOR:	GRAY			
MOTOR WEIGHT:	11.0	LBS.		
ENVIRONMENT:	WET			
INSULATION CLASS:	B			
MOTOR TYPE:	P.S.C.			
MOTOR NUMBER:	7186 0010			
REV.	8			