FASCO®

Model No: D337
Catalog No: D337
1/8-1/10-1/12-1/15 HP Fan Coil / Room Air Conditioner Motor, 1550 RPM, 4 Speed, 115 Volts, 4.4" Diameter, OAO
Fan Coil / Room Air Conditioner Motors

REGAL

FASCO®

Nameplate Specifications

Output HP	1/8-1/10-1/12-1/15 Hp	Output KW	0.10 kW
Frequency	60 Hz	Voltage	115 V
Current	4.1-2.7-2.3-1.9 A	Speed	1550 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	A
Frame	4.4	Enclosure	Open Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Resilient Rings	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Na
Shaft Type	Flat	Overall Length	18.63 in
Shaft Diameter	0.500 in	Shaft Extension	7.5 in

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FASCO INDUSTRIES INC.
FASCO MOTOR DIVISION

7108 5191 = MADE IN U.S.A.
7108 5191M = ASSEMBLED IN MEXICO

V. 115	HZ 60	PH 1	ROT ←
HP 1/8-1/10-1/12-1/15		AMP 4.1-2.7-2.3-1.9	
RPM 1550 (4 SPD)		NO. 7108-5191	
TYPE U8		THERMALLY PROTECTED	A0

MODEL **D337**

DATE/BAR CODE AREA PER 8882 6003

6129 4025.M | REV. 13

SIZE 3.50 X 1.00

SAFETY WARNING
THIS MOTOR MUST BE GROUNDED ACCORDING TO
NATIONAL ELECTRICAL CODES TO
PREVENT POSSIBLE INJURY DUE TO ELECTRICAL SHOCK.

LOCATE ₵ OF NAMEPLATE ON ₵ OF STATOR TO READ RIGHT FROM
LEAD END OF MOTOR CENTER AT 270° CWLE.

CONNECTION DIAGRAM
WHITE — LINE
BLK-HI — |
BLU-M. HI — |
ORG-M. LO — |
RED-LO — LINE

8669 6579 1

SPECIAL INSTRUCTIONS:	SHAFT IS BONDERIZED. FLATS TO BE PARALLEL WITHIN ±.20°.
PAMPHLET PACKED WITH MOTOR.	
MOTORS PACKED MAX. PER SKID:	PALLET PACK, 120 CARTON PACK
CUSTOMER:	FASCO DISTRIBUTING CO.
PART NUMBER:	D337
APPLICATION:	
FINISH COLOR: GRAY	
MOTOR WEIGHT: LBS.	
ENVIRONMENT: DRY	
INSULATION CLASS: A	
MOTOR TYPE	SHADED POLE
MOTOR NUMBER	7108 5191 REV.

PROPRIETARY: DO NOT DUPLICATE OR DISCLOSE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION OF FASCO IND. INC. — ELDON NO.

FASCO MOTORS AND BLOWERS

MOTOR DIVISION
FASCO INDUSTRIES, INC.
ELDON PLANT

PRODUCTION TEST AT IDLE
115 VOLTS 60 HZ

AMP	WATT	MOTOR SPEED
3.52 — 2.88	179.3 — 146.7	HIGH
2.20 — 1.80	117.7 — 96.3	MED. HIGH
1.87 — 1.53	102.3 — 83.7	MED. LOW
1.65 — 1.35	88.0 — 72.0	LOW

HI-POT TEST 2000 VOLTS
MAX LEAKAGE CURRENT 5 mA

MOTORS MUST START WITH 90 VOLTS APPLIED TO LOWEST SPEED

PERFORMANCE TEST

MOTOR SPEED	PERFORMANCE TEST	IDLE 115 VOLTS 60 HZ 1 PH			LOADED 1/8 HP				LOCKED			BREAK		
	RPM	AMP	WATT	OZ/IN	RPM	AMP	WATT	OZ/IN	AMP	WATT	OZ/IN	AMP	WATT	OZ/IN
HIGH	1770	3.2	163	93	1550	3.9	277	33	5.6	366	101			
MED. HIGH	1757	2.0	107	58	1550	2.6	179	21	3.6	224	63			
MED. LOW	1760	1.7	93	49	1550	2.2	151	18	3.0	185	51			
LOW	1751	1.5	80	41	1550	1.8	129	16	2.6	156	43			

ROTATION

OPPOSITE LEAD END

Ø 2.51/2.48 BONDED
MOUNTING RING
TYP.

Ø (4.39)

Ø .5000 / .4997 (BOTH ENDS)
.453 / .443

END PLAY .040 / .010

10-32 UNF-2A THD TYP.
I.D. MARK

5.52 / 5.48
(.66)
7.55 / 7.45
18.63 / 18.59
3.65 / 3.57
(7.50)
5.52 / 5.48
.08 MAX.
(.11)
(4.45)

6129 4025

OIL HOLE TYP.

CONDUIT CLAMP AND
BRASS GROMMET

LEAD END

Ø 3.91 / 3.87 B.C.

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

LEAD DATA: 18 GA. 2/64" INS. 105° C THERMO. WHITE, BLACK,
BLUE, RED AND ORANGE LEADS 38.00"/36.00" LONG WITH
.56"/.44" STRIPS.

ECO	REV.	DATE	SPEC/CHECK
620103	26	12-3-97	BMC/RWS
631466	27	7-15-03	MKR/MKR
638338	28	6-30-08	LDC/LDC
639559	29	4-27-09	MKR/MKR

71xx xxxxC
71xx xxxx,M

SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURES.

A. MOTOR/CARTON: 1
MOTORS/LAYER: 20
LAYERS/PALLET: 6
MOTORS/PALLET: 120

B. SEE DRAWING 8785 6079 SH. 1 FOR PALLET LAYOUT.
C. CENTER LABEL, 6119 4006, ON END OF CARTON.
D. PLACE PAMPHLET, 6122 4579, IN CARTON WITH MOTOR.

7108 5191 | MA

NOTES:
1. THRU AIR SPACING BETWEEN WIRE AND METAL .063 MIN.
2. TIE BOLT TORQUE TOLERANCE 7-10 IN. LBS.
3. ROTOR FREENESS TO BE WITHIN .1 OZ. IN.
4. FOR WASHER SET-UP, SEE CHART C600 0270, DETAIL "H".
5. MAXIMUM 0.1 Ω RESISTANCE BETWEEN GROUND TERMINAL AND MOTOR FRAME.
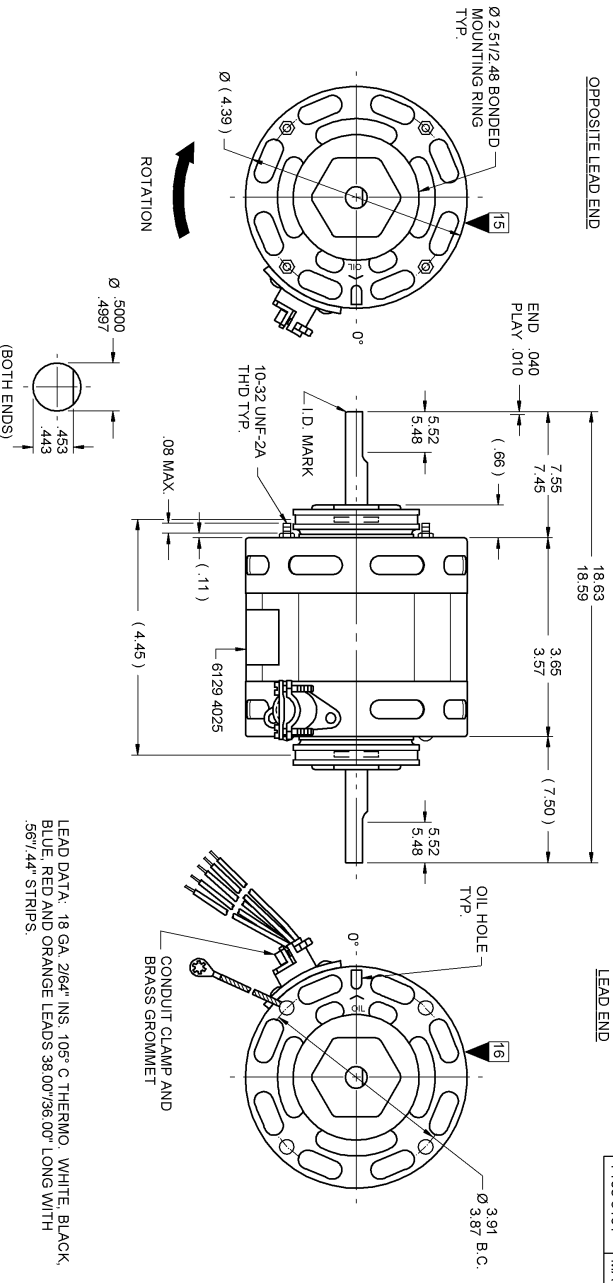6. SALES TO SPECIFY ON P.O. WHICH PACK TO USE.