PRODUCT INFORMATION PACKET

Model No: D258
Catalog No: D258
Fan Coil & Air Conditioner Motor, 1/5-1/10 HP, 1 Ph, 60 Hz, 208/230 V, 1550 RPM, 2 Speed, 42 Frame, OAO



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Nameplate Specifications

Phase	1	Output HP	1/5-1/10 Hp
Output KW	0.15 kW	Voltage	208/230 V
Speed	1550 rpm	Service Factor	1
Frame	42	Enclosure	Open Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	2.8/1.3 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Clockwise Lead End
Mounting	Resilient Rings	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Na
Shaft Type	Flat	Overall Length	19.45 in
Shaft Diameter	0.500 in	Shaft Extension	8.00 in
Outline Drawing	7184001115_S001	Connection Drawing	SEE OUTLINE

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NOTES
1. THRU AIR SPACING BETWEEN WIRE AND METAL .094 MIN.
2. TIE BOLT TORQUE 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
630714	12	2-10-03	LDC/RWS
638801	13	11-11-08	GAE/GAE
639255	14	3-20-09	LDC/LDC
641561	15	9-15-10	MKR/MKR

71xx xxxx,R

A. SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURES.

1 MOTOR/CARTON;
12 MOTORS/LAYER;
7 LAYERS/PALLET;
84 MOTORS/PALLET.

B. SEE DRAWING 8785 6079 SH. 8 FOR PALLET LAYOUT.

C. CENTER LABEL, 6119 6220, ON END OF CARTON.

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

71xx xxxxC

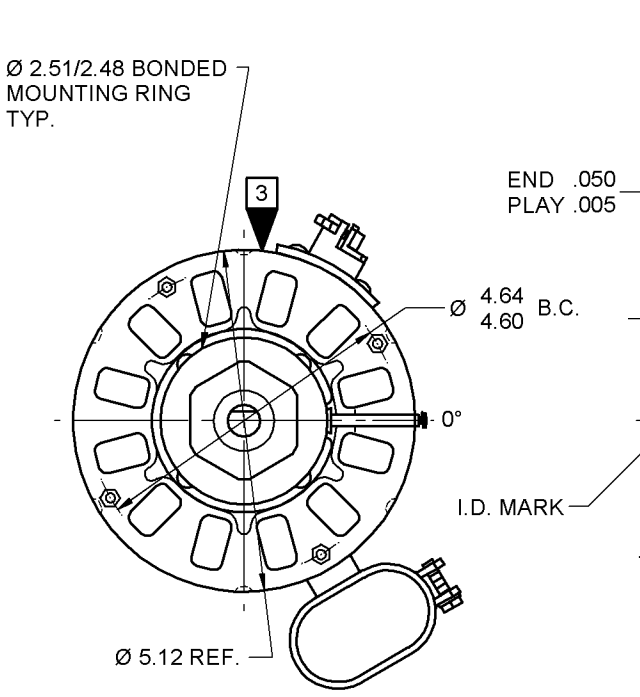
71xx xxxxZ

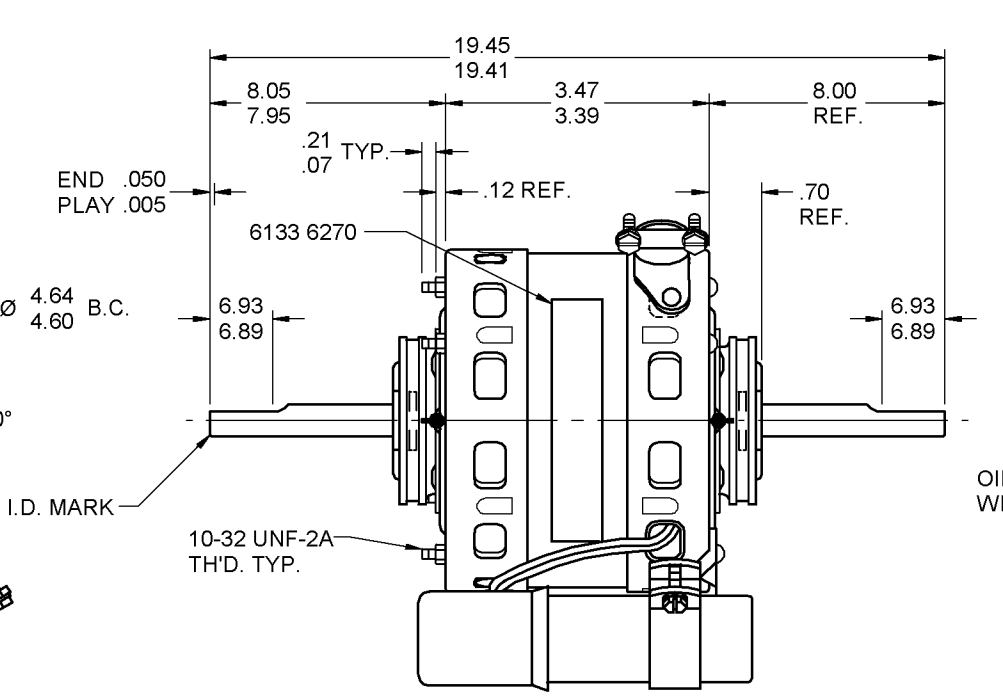
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PRODUCTION TEST AT IDLE 230 VOLTS 60 HZ		MOTOR SPEED	PERFORMANCE TEST 230 VOLTS 60 HZ 1 PH 1/5 HP CAP. 5 MFD 370 VAC										
			IDLE			LOADED				LOCKED			BREAK
AMP	WATT		RPM	AMP	WATT	OZ/IN	RPM	AMP	WATT	OZ/IN	AMP	WATT	OZ/IN
1.13 — .92	159 — 129	HIGH	1792	1.00	147	278.5	1550	2.57	566	79.2	4.56	923	303.2
.34 — .25	76 — 52	LOW	1787	.31	64	117.5	1550	1.13	241	31.7	2.08	387	134.0
HI-POT TEST 2000 VOLTS													
MAX LEAKAGE CURRENT 5 mA													

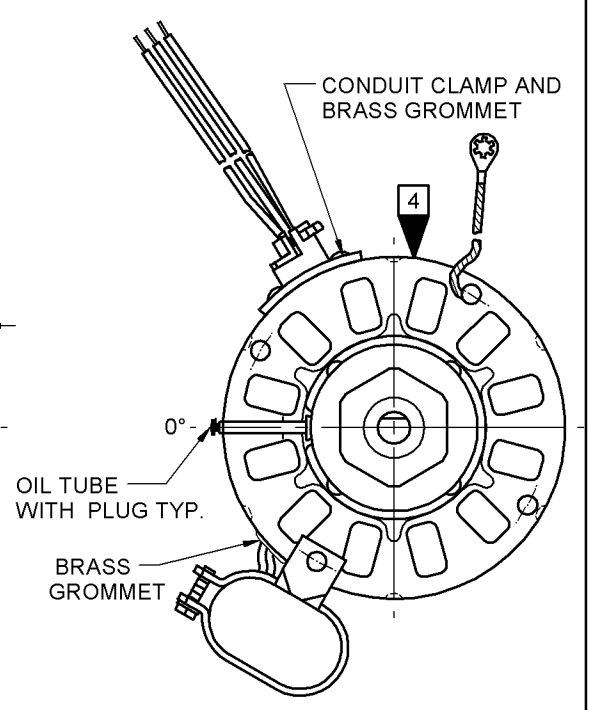
7184 0011 | MA

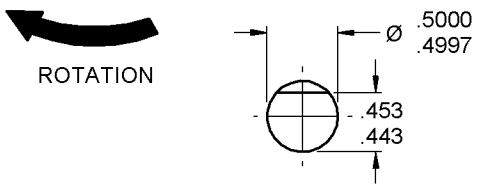
OPPOSITE LEAD END





LEAD END





(BOTH ENDS)

LEAD DATA: 18 GA. 2/64" INS. 105° C THERMO. WHITE, BLACK AND RED LINE LEADS 33.00"/31.00" LONG WITH .56"/.44" STRIPS. BROWN AND BRN/WHT CAP. LEADS 6.00"/4.00" LONG WITH 1/4" FLAG TERMS.

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

7184 0011 = MADE IN U.S.A.
7184 0011R = ASSEMBLED IN MEXICO

FASCO INDUSTRIES, INC. MOTOR DIVISION

V. 208/230 HZ 60 PH 1 AMP 2.8-1.3 AO ROT
INS CL B 40° C AMB RPM 1550 (2 SPD) THERMALLY PROTECTED
CAP 5 MFD 370 VAC TYPE U184B1 HP 1/5-1/10 NO. 7184-0011
DATE/BAR CODE AREA PER 8882 6003 MODEL D258

CONNECTION DIAGRAM
BRN — CAPACITOR
BRN/WHT
WHITE — LINE
BLK-HI — LINE
RED-LO —

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

6133 6270,R	REV. 6

LOCATE ℄ OF NAMEPLATE ON ℄ OF STATOR TO READ RIGHT FROM LEAD END OF MOTOR CENTER AT 0°.
SIZE 4.00 X .75

SPECIAL INSTRUCTIONS: FLATS TO BE PARALLEL WITHIN ± 20°. SHAFT IS BONDERIZED.
ROTOR IS RUSTPROOFED. GROUND TERMINAL MUST NOT EXTEND BEYOND MOTOR PERIPHERY. PAMPHLET PACKED WITH MOTOR.

MOTORS PACKED MAX. PER SKID: ____ PALLET PACK, 84 CARTON PACK, ____ TRAY PACK.

CUSTOMER:
FASCO DISTRIBUTION CO.

PART NUMBER:
D258

APPLICATION: DIST. SALES
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. , ELDON MO.

FASCO INDUSTRIES, INC.
MOTOR DIVISION
ELDON PLANT

MOTOR TYPE
P.S.C.

B	LA	FR	A	S	C	E	B	A
00	84	11	V	17	AA	6	8	0

MOTOR NUMBER 7184 0011 R

REV. 15

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