

PRODUCT INFORMATION PACKET



Model No: 89PSC

Catalog No: 89PSC

Fan Coil & Air Conditioner Motor, 1/10 HP, 1 Ph, 60 Hz, 115 V, 1050 RPM, 5 Speed, 42 Frame, OAO



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Nameplate Specifications

Output HP	1/10 Hp	Output KW	0.07 kW
Frequency	60 Hz	Voltage	115 V
Current	1.62 A	Speed	1050 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	5

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Clockwise Lead End
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Flat	Frame Length	3.56 in
Shaft Diameter	0.500 in	Shaft Extension	10.69X.5X10.69 in
Outline Drawing	71870430		

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NOTES

1. STATOR LOCATION DIMENSION IS FROM SLEEVE EDGE (OPPOSITE LEAD END) TO STATOR STEEL 1.04/1.02.
2. STATOR STACK 7/8" .
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 OPP. L.E. END SHIELD. ASSEMBLE BEARING SPACER, 0006 1226, IN OPPOSITE END SHIELD.
6. ASSEMBLE NYLON INSERT 00613346, AROUND LEADS IN LEAD EXIT NOTCH AT 210°.
7. SALES TO SPECIFY ON P.O. WHICH PACK TO USE.

ECO	REV.	DATE	SPEC/CHECK
NMR-0212382	AA	03-02-22	NV/PR

71xx xxxx,R

A SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURES.

1 MOTOR/CARTON:
8 MOTORS/LAYER:
6 LAYERS/PALLET:
48 MOTORS/PALLET:

B CENTER LABEL 6131 6834, ON END OF CARTON.

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

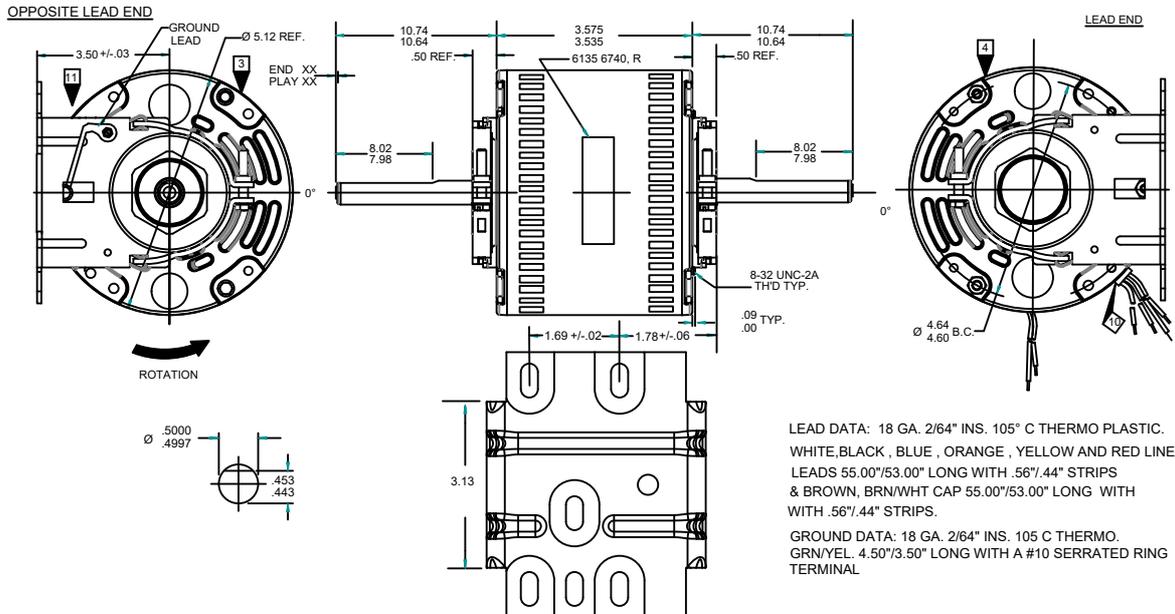
71xx xxxxC

71xx xxxxZ

PROD TEST AT IDLE 115 VOLTS 60 HZ		MOTOR SPEED	PERFORMANCE TEST 115 60 HZ 1 PH 1/10 HP CAP: 5.0 MFD 370 VAC										
AMP	WATT		IDLE			LOADED			LOCKED			BREAK	
			RPM	AMP	WATT	OZ-IN	RPM	AMP	WATT	OZ-IN	AMP	WATT	OZ-IN
1.51 — 1.19	103.4 — 84.6	HIGH		1.35	94	99.1	1050	1.63	165	44.6		266	115.1
0.74 — 0.58	53.9 — 44.1	MEDHI		0.66	49	58.8	1050	1	98	26.6		164	70.6
0.50 — 0.40	37.4 — 30.6	MED		0.45	34	40.2	1050	0.7	68	18.2		114	49.4
0.38 — 0.30	27.5 — 22.5	MEDLO		0.34	25	29.0	1050	0.53	50	13.1		85	36.4
0.30 — 0.24	22.0 — 18.0	LOW		0.27	20	22.2	1050	0.42	40	10.0		67	28.3

HI-POT TEST 2000 VOLTS
MAX LEAKAGE CURRENT 5 mA

7187 0430 MA



7187 0430R = ASSEMBLED IN MEXICO

Century **FAUS** CONNECTION DIAGRAM

V. 115 HZ 60/50 PH 1 AO ROT → MODEL BROWN — CAPACITOR
AMP 1.62 TYPE U187B1 CAP 5.0 MFD 370 WHITE — LINE
HP 1/10 INS CL B NO. 7187-0430 BLACK-HI — LINE
RPM 1050 5 SPD 89PSC BLUE-MED HI — LINE
SHIELDED BALL BEARING THERMALLY PROTECTED ORANGE-MED LOW — LINE
RED-LOW — LINE

DATE/BAR CODE AREA PER 8882 6003

6135 6740,R REV. AA

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

SIZE 3.50 X 1.00

SPECIAL INSTRUCTIONS: SHAFT IS BONDERIZED.

MOUNTING RING ASSEMBLED BACKWARD ON LEAD END ENDSHIELD.

MOTORS PACKED MAX. PER SKID: PALLET PACK, 48 CARTON PACK.

CUSTOMER: FASCO DISTRIBUTING CO.	PROPRIETARY: DO NOT DUPLICATE OR DISCLOSE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION OF FASCO IND. INC., ELSDON MD.	FASCO INDUSTRIES, INC.
PART NUMBER: 89PSC		MOTOR DIVISION REYNOSA PLANT
APPLICATION: DIST. SALES	MOTOR TYPE P.S.C.	MOTOR NUMBER 7187 0430 R
FINISH COLOR: BLACK		REV. AA
MOTOR WEIGHT: LBS.		
ENVIRONMENT: DRY		
INSULATION CLASS: B		

00 87 32 V 19 9 0 0

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