PRODUCT INFORMATION PACKET

Model No: D031
Catalog No: D031
Ventilation Motor, 1/25 HP, 1 Ph, 60 Hz, 115 V, 1550 RPM, 1 Speed, 3.3" Diameter, OAO



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Nameplate Specifications

Output HP	1/25 Hp	Output KW	0.03 kW
Frequency	60 Hz	Voltage	115 V
Current	1.71 A	Speed	1550 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	3.3	Enclosure	Open Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

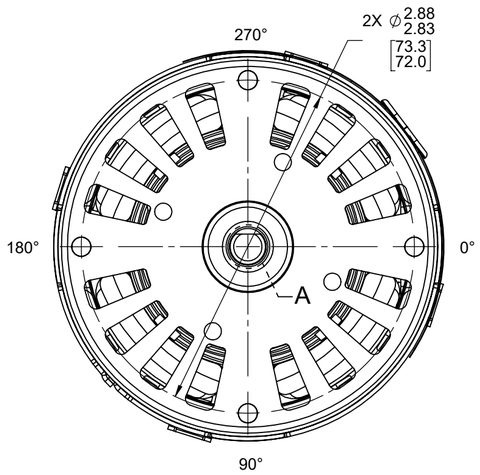
Technical Specifications

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise Shaft End
Mounting	Extended Studs	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Steel
Shaft Type	Flat	Overall Length	5.62 in
Frame Length	2.81 in	Shaft Diameter	0.312 in
Shaft Extension	2.56 in		
Outline Drawing	71732154	Connection Drawing	NA

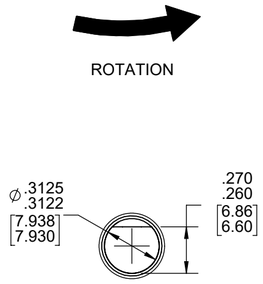
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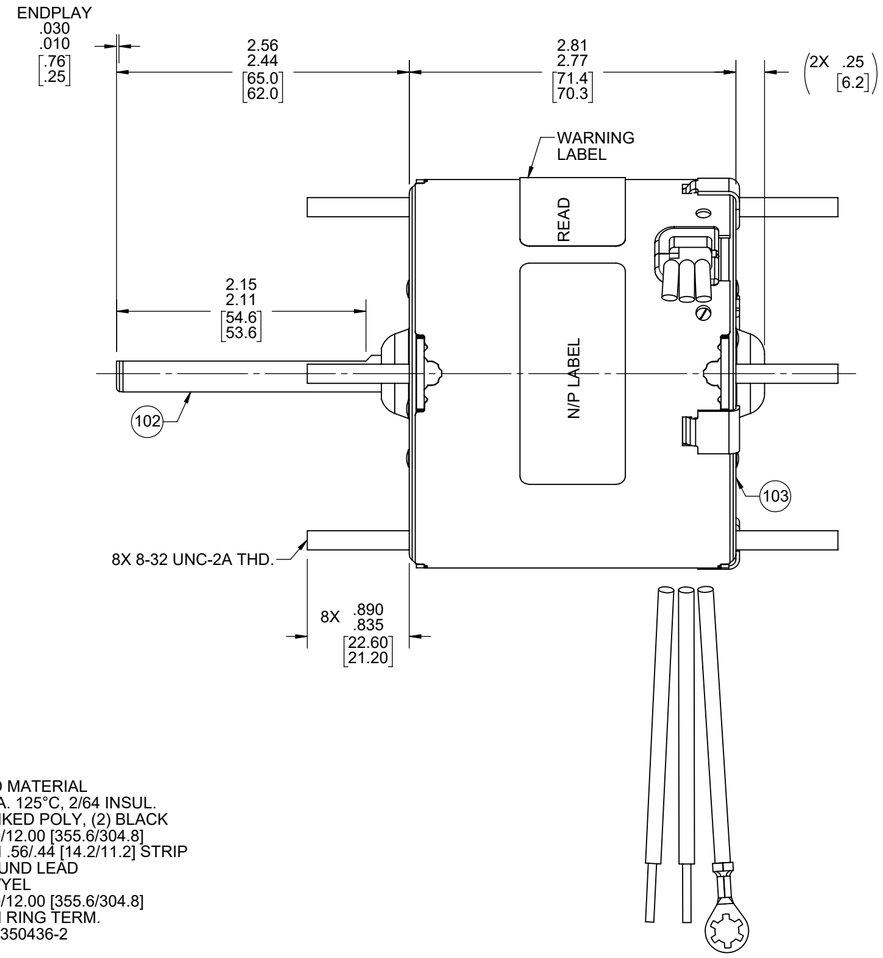
FRONT END



ROTATION

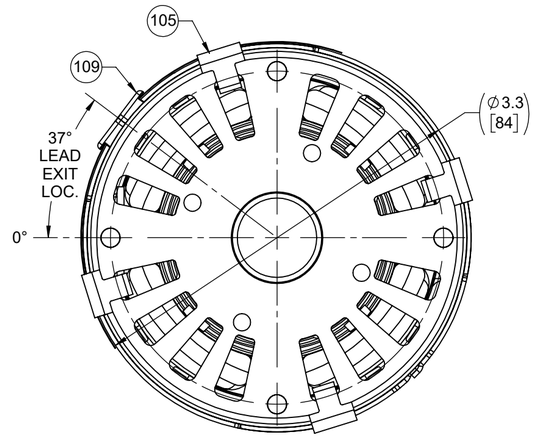


SHAFT DETAIL A



LEAD MATERIAL
18 GA. 125°C, 2/64 INSUL.
X-LINKED POLY, (2) BLACK
14.00/12.00 [355.6/304.8]
WITH .56/.44 [14.2/11.2] STRIP
GROUND LEAD
GRN/YEL
14.00/12.00 [355.6/304.8]
WITH RING TERM.
AMP 350436-2

BACK END



NOTES:
1. SHAFT MATERIAL IS 416 SS
2. NO PACKAGING TAPE OVER CARTON LABEL.

CUSTOMER:	FASCO DIST.		APPLICATION:	COUNTER SALES							
CUSTOMER PN:	D031		MOTOR WEIGHT:	3.3 LBS.							
			ENVIRONMENT:	DRY							
HORIZONTAL UP / DOWN			MOTOR TYPE				REFERENCE SAMPLE				
			SHADED POLE								
	B	LA	FR	A	S	C	E	B	A		
	00	73	30	V	05	OJ	5	3	0		
TYPICAL PERFORMANCE AT 115 VOLTS 60 HZ											
	IDLE			LOADED			LOCKED			BREAK	
MOTOR SPEED	RPM	AMP	WATT	IN OZ	RPM	AMP	WATT	IN OZ	AMP	WATT	IN OZ
	1750	1.42	80	36.6	1550	1.70	124	18.1	2.51	172	18.1

61305568

SAFETY WARNING
This motor must be grounded in accordance with local or national electrical codes to prevent possible injury due to electrical shock

AVERTISSEMENT DE SÉCURITÉ
Ce moteur doit être fondée sur conformément â la réglementation locale ou national électrique codes pour prévenir d'éventuelles blessures en raison de choc électrique

00464668

FASCO™

Assembled in Mexico
No.71732154 TYPE U73B1 AO
115 V 60 Hz Class B
1.71 A 1550 RPM
Model D031 E40513
Thermally Protected
Reference 1/25 HP
Max. Amb: 40°C

61299553

DRAWING REVISION: AC	REVISION BY: MLS	REV DATE/© DATE: 8/23/2022	
REQUEST NUMBER: ECR-0220354	APPROVED BY: KBB	DATE: 8/23/2022	
REQUEST NUMBER DESCRIPTION: UPDATED FASCO LOGO ON NAMEPLATE LABEL			

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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±1°
.XX	±0.01	[±0.3]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 125 / 3.2 INCH / mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	MH
DATE	12/9/2019
APPROVED BY	MLS
DATE	12/9/2019
REFERENCE	

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DESCRIPTION: OUTLINE
MOTOR ASSY

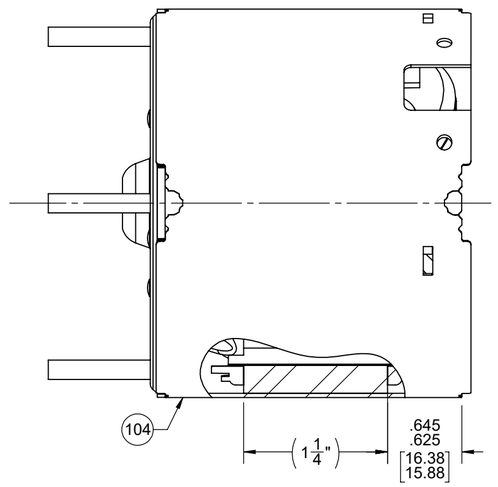
MATERIAL | PROCESS/FINISH: BLACK

THIRD ANGLE PROJECTION | SIZE: C | DRAWING NUMBER: 71732154 | SHEET: 1 OF2

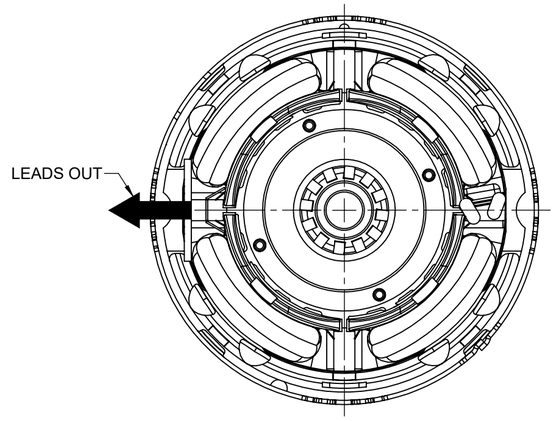
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NOTES:
1. STAKE STATOR TO MAIN FRAME PER 88830264.
2. MAXIMUM TORQUE REQUIRED TO TURN MOTOR SHAFT IS 3/8 INCH-OUNCE.
3. MAKE-UP WASHERS ARE TO BE ADDED OR DELETED TO ACHIEVE REQUIRED ENDPLAY.

FRONT END



BACK END





ROTATION

PACKING SPECIFICATIONS

1. PACK PER 88834200. 1 PER CONTAINER, 45 PER LAYER, 5 LAYERS, 225 MAX. PER PALLET.
2. PLACE PC 133 FILLER TUBE ON BACK END OF MOTOR AND PC 134 FILLER TUBE ON FRONT END OF MOTOR. PLACE UNIT IN CARTON.
3. PLACE 1 FLAT PAD ON PALLET, 1 BETWEEN EACH LAYER AND 1 ON TOP OF PALLET LOAD.
4. CARTON LABELS MUST ALL FACE ONE DIRECTION TOWARD THE OPEN END OF THE PALLET. SEE 88834408.

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