

PRODUCT INFORMATION PACKET

FASCO®

Model No: D181

Catalog No: D181

Fan and Blower Motor, 1/30 HP, 1 Ph, 60 Hz, 115 V, 1500 RPM, 2 Speed, 3.3" Diameter, OAO



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RegalRexnord



Nameplate Specifications

Output HP	1/30 Hp	Output KW	0.02 kW
Frequency	60 Hz	Voltage	115 V
Current	1.30/1.00 A	Speed	1500 rpm
Service Factor	1	Phase	1
Duty	Air Over	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	2

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	5.33 in
Frame Length	2.53 in	Shaft Diameter	0.313 in
Shaft Extension	2.30 in		
Outline Drawing	71631654	Connection Drawing	NA

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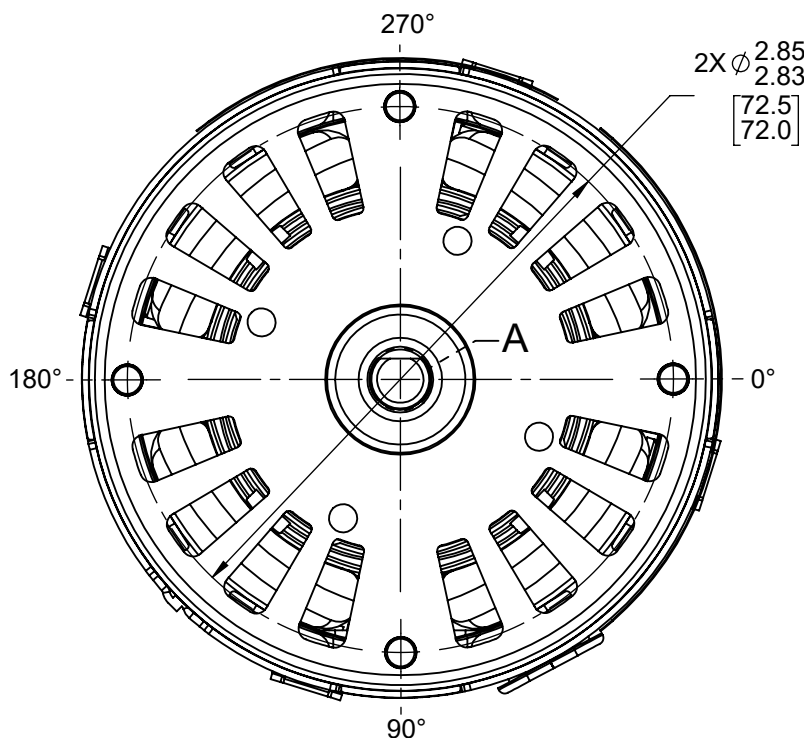
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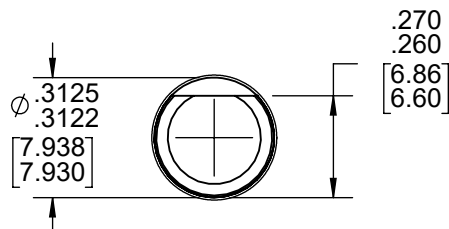
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FRONT END

BACK END



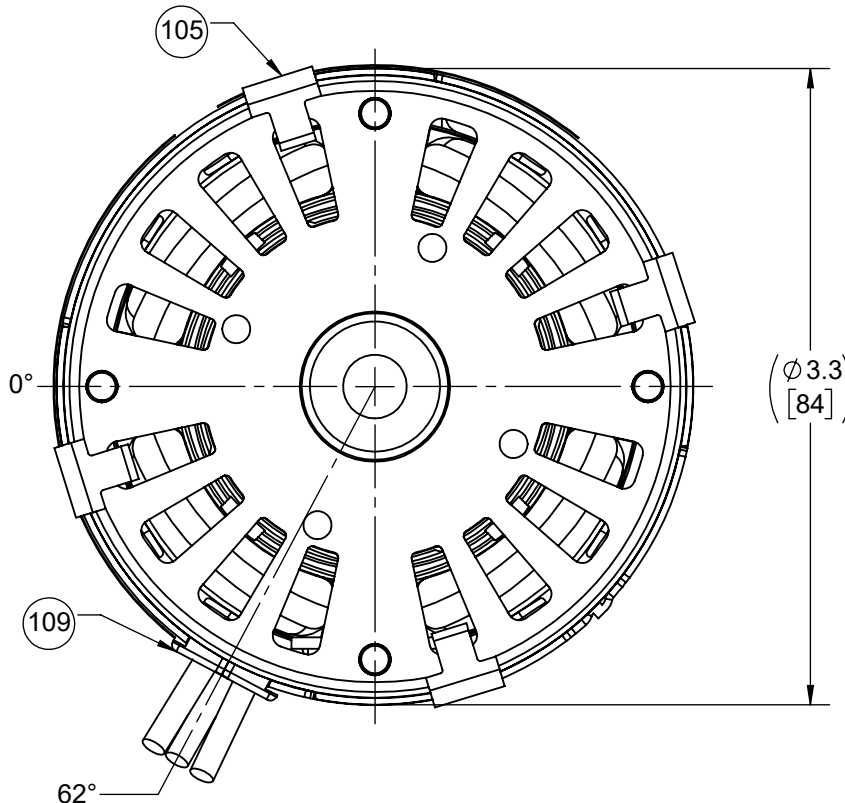
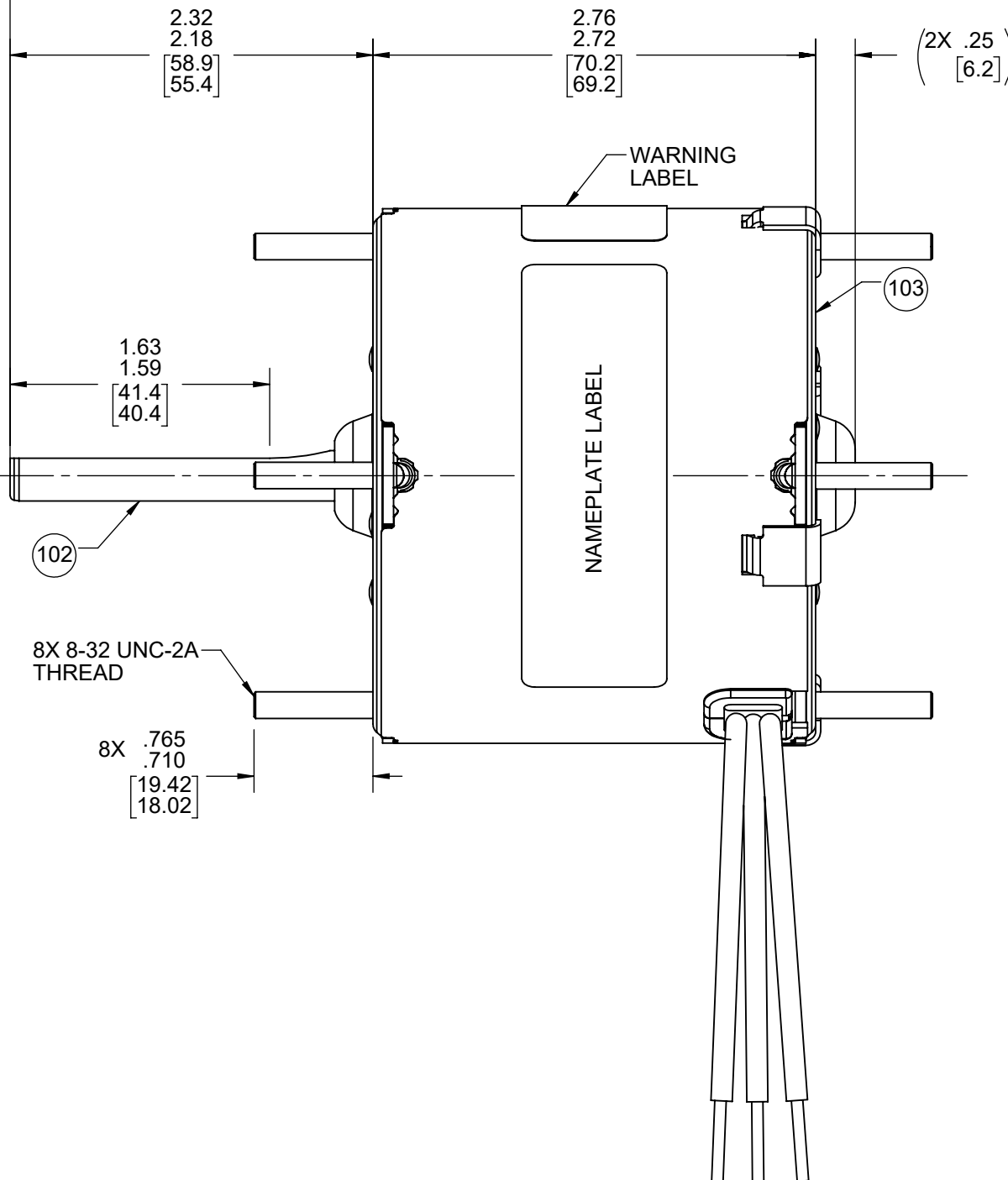
ROTATION



DETAIL A
SHAFT

LEAD MATERIAL
18 GA. 125°C 2/64 INSUL.
X-LINKED POLY.
(1) WHITE, (1) BLACK, (1) RED
14.00/12.00 [355.6/304.8]
.56/.44 [14.2/11.2] STRIP

ENDPLAY
.050
.010
[1.27]
[.25]



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 à la réglementation locale ou national électrique codes pour prévenir d'éventuelles blessures en raison de choc électrique

00464072

00469055

FASCO™



Assembled In Mexico

No. 71631654 TYPE U63B1 T.P. AO
115 V 60 Hz Class B
1.3/1.0 A 1500 RPM 1/30 HP
Model D181 Max Amb: 40°C
LR6319

Connection Diagram
Wht — Common
Blk — High
Red — Low

61299553

NOTES:
1. NO PACKAGING TAPE OVER CARTON LABEL.

CUSTOMER:		FASCO DIST.		APPLICATION:		COUNTER SALES						
CUSTOMER PN:		D181		MOTOR WEIGHT:		3.13 LBS.						
				ENVIRONMENT:		DRY						
HORIZONTAL		UP										
			MOTOR TYPE SHADED POLE				REFERENCE SAMPLE					
		DOWN	B 00	LA 63	FR 30	A V	S 05	C FE	E 6	B 3	A 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
HIGH		1753	1.07	63	24.7	1500	1.27	95	9.90	1.73	129	25.8
LOW		1748	.71	41	18.4	1300	.95	72	6.90	1.14	83	17.6

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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.

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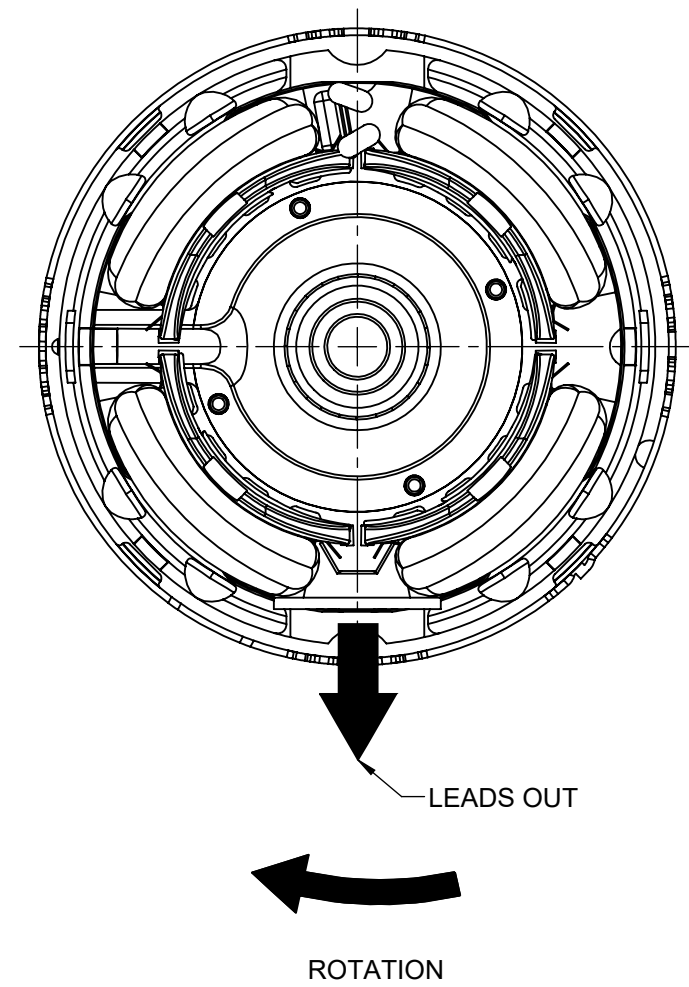
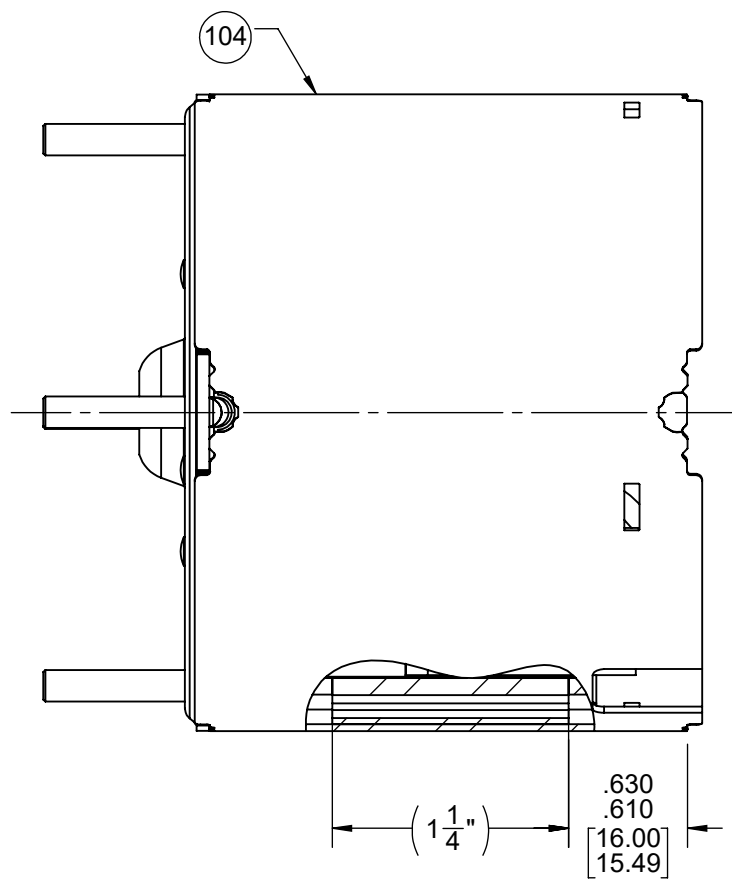
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FRONT END

BACK END

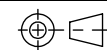


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PACKING SPECIFICATIONS

- 1. PACK 1 PER CARTON, 45 CARTONS PER LAYER, 6 LAYERS PER PALLET, 270 MAX. PER PALLET, PER 88834200.
- 2. PLACE FOAM RING ON BACK END OF MOTOR, PLACE FILLER TUBE OVER SHAFT EXTENSION, PLACE MOTOR IN CARTON, CLOSE FLAPS AND TAPE.
- 3. CARTON LABELS MUST ALL FACE ONE DIRECTION TOWARD THE OPEN END OF THE PALLET. SEE 88834408.
- 4. PLACE (1) FLAT PAD ON PALLET AND (1) BETWEEN EACH LAYER.
- 5. PLACE (1) FLAT PAD ON TOP LAYER OF PALLET PACK BEFORE STRETCH WRAPPING. PLACE ALL INSPECTION STICKERS AND WRITING ON FLAT PAD TO PREVENT MARKING ON CARTONS.

DRAWING REVISION AC	REVISION BY MLS	REV DATE/© DATE 7/25/2022	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±1° .XX ±0.01 [±3] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013]	DRAWN BY MLS	 Regal Beloit America, Inc.	
REQUEST NUMBER ECR-0219659	APPROVED BY KKM	DATE 7/25/2022	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	DATE 6/29/2017		
REQUEST NUMBER DESCRIPTION UPDATED FASCO LOGO ON NAMEPLATE LABEL			APPROVED BY KSA		DESCRIPTION OUTLINE MOTOR ASSY	
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			REFERENCE		PROCESS/FINISH BLACK	
			THIRD ANGLE PROJECTION 		SIZE C	DRAWING NUMBER 71631654
						SHEET 2 OF 2

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