PRODUCT INFORMATION PACKET

Model No: D1194
Catalog No: D1194
Draft Inducer Motor, 1/25 HP, 1 Ph, 60 Hz, 115 V, 3200 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	1.75 A	Speed	3200 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	A
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

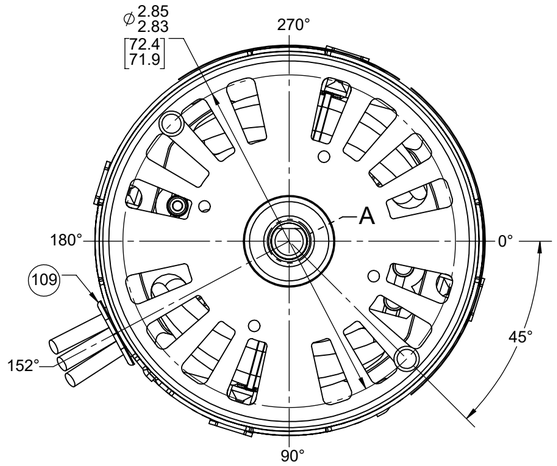
Technical Specifications

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	2	Rotation	Clockwise Shaft End
Mounting	Extended Studs	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Steel
Shaft Type	Flat	Overall Length	7.11 in
Frame Length	3.18 in	Shaft Diameter	0.312 in
Shaft Extension	1.25 in		
Connection Drawing	SEE OUTLINE	Outline Drawing	71219728

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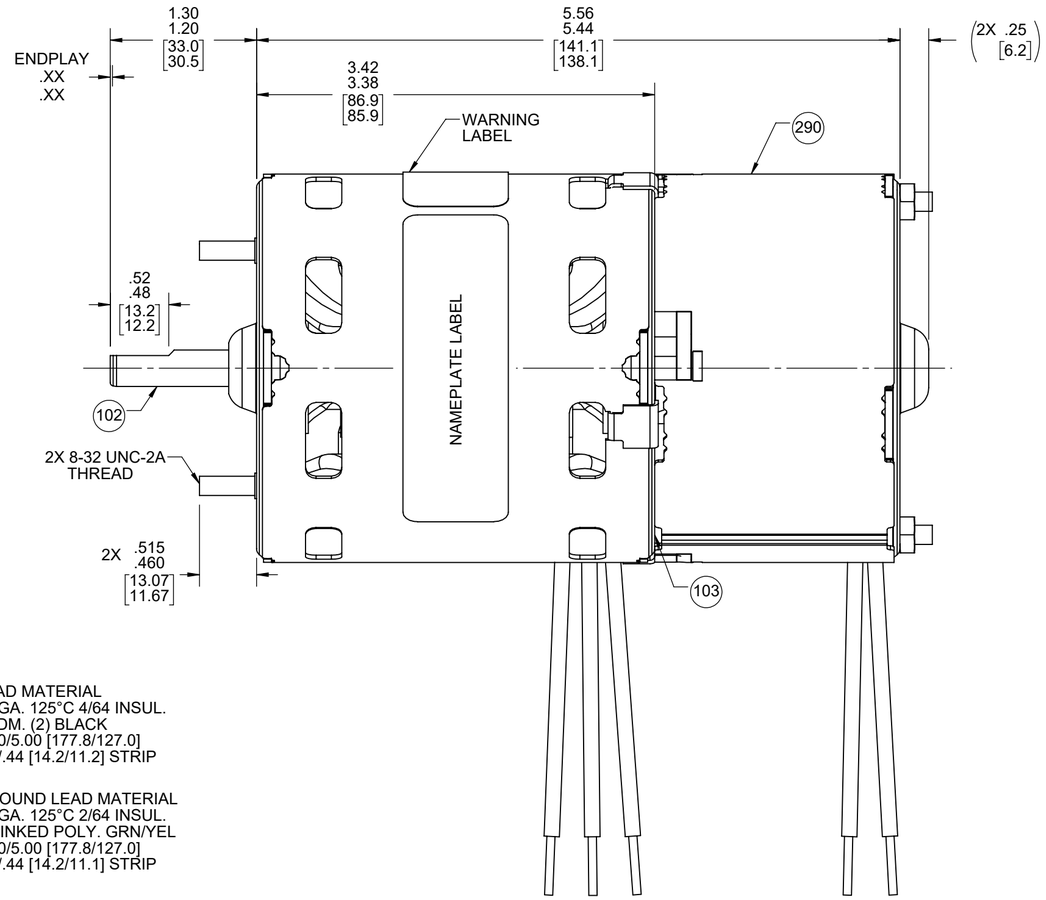
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FRONT END

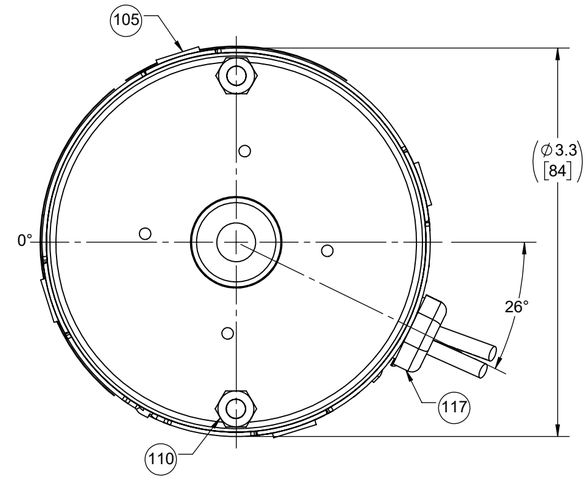


ROTATION

DETAIL A
SHAFT



BACK END



LEAD MATERIAL
18 GA. 125°C 4/64 INSUL.
EPDM. (2) BLACK
7.00/5.00 [177.8/127.0]
.56/.44 [14.2/11.2] STRIP

GROUND LEAD MATERIAL
18 GA. 125°C 2/64 INSUL.
X-LINKED POLY. GRN/YEL
7.00/5.00 [177.8/127.0]
.56/.44 [14.2/11.1] STRIP

SWITCH LEADS
18 GA. 105°C 4/64 INSUL.
THERMO. (2) RED
17.00/15.00 [431.8/381.0]
.56/.44 [14.2/11.2] STRIP

61305568

00464072

00469183

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

FASCO™

Assembled In Mexico

No. 71219728
115 V
1.75 A
Model D1194
LR6319
Switch 125 VA-120V

TYPE U21
60 Hz
3200 RPM

T.P. AO
Class A
1/25 HP
Max Amb: 40°C
SW280-1

Connection Diagram
Blk — Line
Blk — Line
Red
Red
Grn/Yel — Grd

61299553

NOTES:
1. NO PACKAGING TAPE OVER CARTON LABEL.

CUSTOMER:	FASCO DIST.		APPLICATION:								
CUSTOMER PN:	D1194		MOTOR WEIGHT:	4.0							
HORIZONTAL UP / DOWN			ENVIRONMENT:	BLACK							
		MOTOR TYPE					REFERENCE SAMPLE				
		SHADED POLE									
		B	LA	FR	A	S	C	E	B	A	
		00	21	34	V	06	OA	5	0	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
	3490	1.16	70	14.0	3240	1.39	100	4.5	2.10	149	17.3

DRAWING REVISION: AC	REVISION BY: SDM	REV DATE/© DATE: 4/26/2022	
REQUEST NUMBER: ECR-0217320	APPROVED BY: MLS	DATE: 4/26/2022	
REQUEST NUMBER DESCRIPTION: CHANGE N/P FASCO LOGO TO FASCO TM			

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TOLERANCES (EXCEPT AS NOTED):

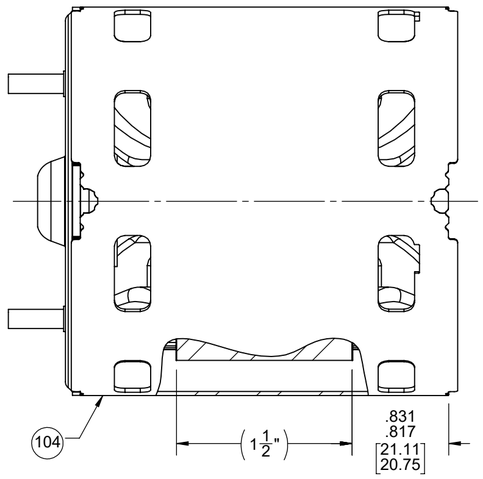
DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±1°
.XX	±0.01	[±0.3]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

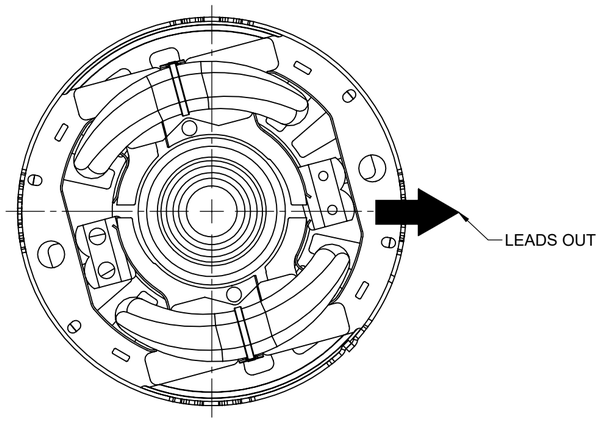
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 125/ 3.2/ INCH mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY: MLS	Regal Rexnord — Regal Beloit America, Inc.
DATE: 8/14/2018	
APPROVED BY: SDM	DESCRIPTION: OUTLINE MOTOR ASSY
DATE: 8/14/2018	
REFERENCE	MATERIAL / PROCESS/FINISH: BLACK
THIRD ANGLE PROJECTION	SIZE: C / DRAWING NUMBER: 71219728 / SHEET: 1 OF2

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NOTES:
1. ALL SPACING THRU AIR BETWEEN WIRE AND METAL MUST BE AT LEAST .063 [1.60].
2. ASSEMBLE LOADING SPRING BETWEEN WASHER AND BEARING ON BACK END WITH SPRING FINGERS TOWARD BEARING.
3. ASSEMBLE BALL BEARINGS TO BEARING RETAINERS PER 88834419.





SWITCH INSTRUCTIONS

1. ASSEMBLE SWITCH ASSEMBLY AND ACTUATOR PER 88834261.
2. PRESS ACTUATOR ASSEMBLY AND THIMBLE ON SHAFT SO THAT TOP OF METAL ACTUATOR PLATE IS .568/.548 [14.43/13.92] FROM END OF SHAFT.
3. SWITCH MUST BE ADJUSTED TO OBTAIN .035/.025 [.89/.64] AIR GAP BETWEEN THIMBLE AND SWITCH IN FULL OPERATING POSITION.
4. SWITCH MUST MAKE CONTACT BETWEEN 1800-2500 RPM AS SPEED INCREASES AND BREAK 50-500 RPM BELOW ACTUAL MAKE.
5. SWITCH MECHANISM TO GIVE QUIET OPERATION ABOVE 2500 RPM.
6. WHEN ASSEMBLING HEYCO, NO SLACK ALLOWED INSIDE SWITCH COVER.

PACKING SPECIFICATIONS

1. PACK 1 PER CONTAINER, 36 CONTAINERS PER LAYER, 7 LAYERS PER PALLET, 252 MAX. PER PALLET, PACKING ASSY. 87854526, PER 88834200 AND 88834408.
2. CARTON LABELS MUST ALL FACE ONE DIRECTION TOWARD THE OPEN END OF THE PALLET. SEE 88834408.

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

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