PRODUCT INFORMATION PACKET

Model No: 9721
Catalog No: 9721
Refrigeration Motor, 1/12 HP, 1 Ph, 60 Hz, 115/208-230 V, 1350/1550 RPM, 1 Speed, 3.3" Diameter, OAO



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Nameplate Specifications

Output HP	1/12 Hp	Output KW	0.06 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	0.9/0.43//1.1/0.49 A	Speed	1350/1550 rpm
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	N	CE	N
Number of Speeds	1		

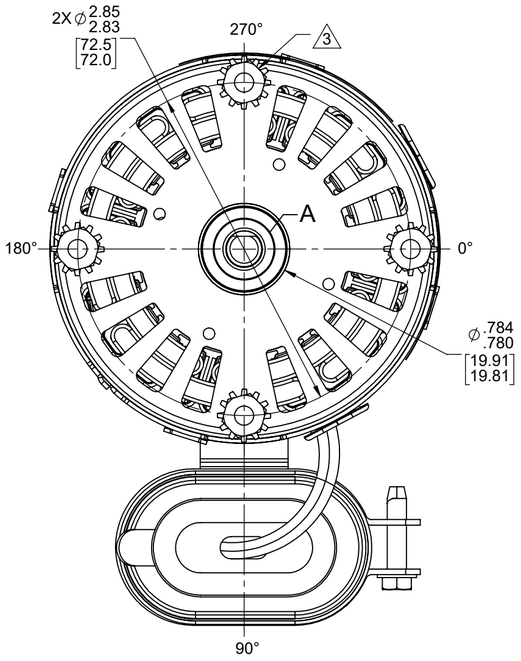
Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Extended Studs	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Steel
Shaft Type	Flat	Overall Length	6.86 in
Frame Length	3.56 in	Shaft Diameter	0.312 in
Shaft Extension	3.25 in		
Connection Drawing	61305863	Outline Drawing	71903482

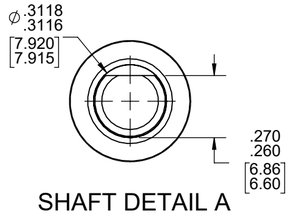
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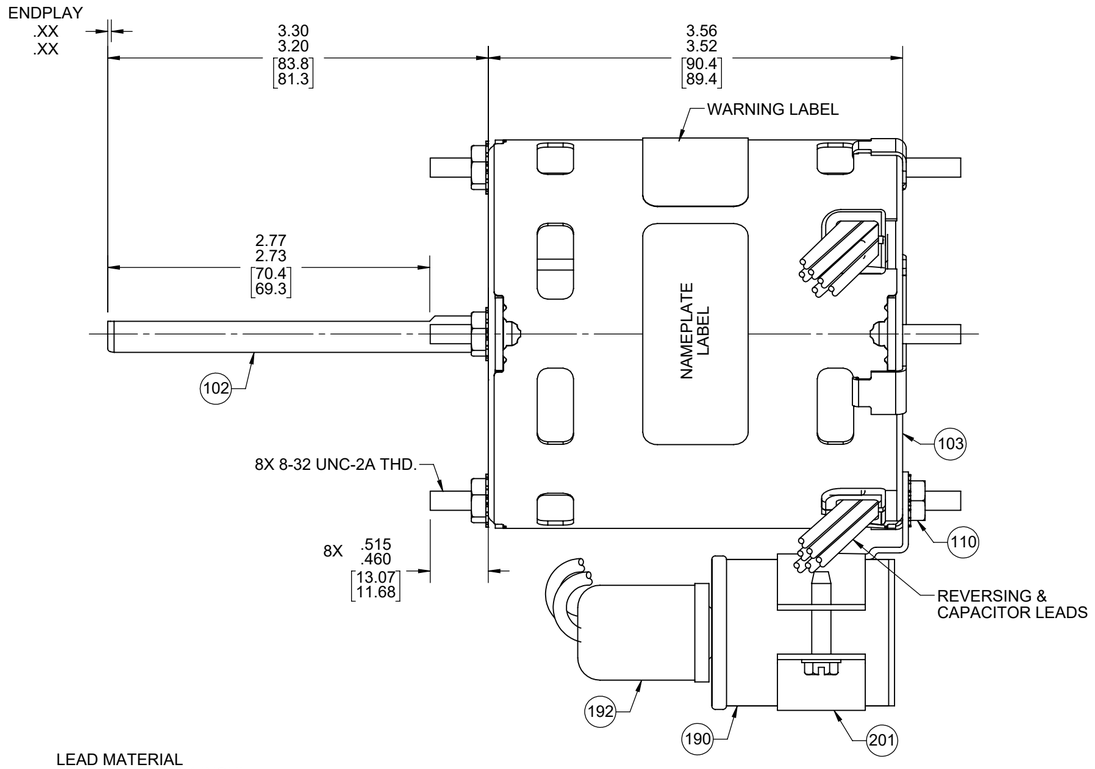
FRONT END



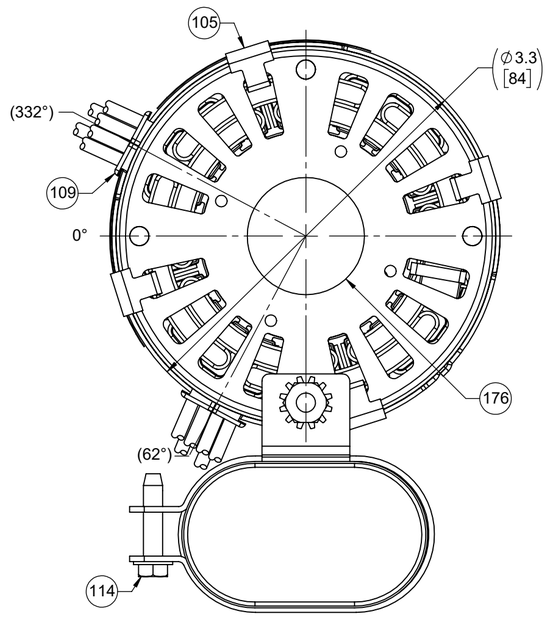
ROTATION



SHAFT DETAIL A



BACK END

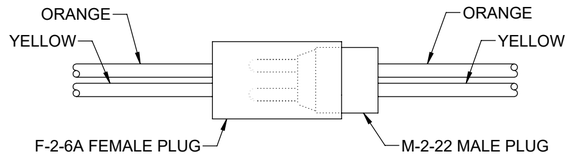


LEAD MATERIAL
18 GA. 125°C. 2/64 INSUL.
X-LINKED POLY. WHITE,
BLACK, PURPLE,
YELLOW, AND ORANGE
22.00 / 20.00 [558.8 / 508.8]
.56 / .44 [14.2 / 11.2] STRIP

CAPACITOR LEADS
(2) BROWN
8.00 / 6.00 [203.2 / 152.4]
W/ FFLAG TERMINALS
AMP 42742-2

GROUND LEAD
GRN/YEL
22.00 / 20.00 [558.8 / 508.8]
W/ RING TERMINAL
AMP 350436-2

REVERSING LEADS
(2) ORANGE, (2) YELLOW
6.00 / 3.00 [152.4 / 76.2]



TO REVERSE ROTATION MISMATCH COLORS
MATCHING COLORS INDICATE C.W.L.E.
MOTOR MUST HAVE C.W.L.E. WHEN SHIPPED

NOTES:
1. MOTOR HAS 416 SS SHAFT.
2. CONNECTION DIAGRAM LABEL TO BE ATTACHED TO WHITE LEAD, SEE SHEET 2 FOR LABEL REFERENCE.
3. PC 110 NUTS ON SHAFT END ARE FINGER TIGHT ONLY.
4. NO PACKAGING TAPE OVER CARTON LABEL.

CUSTOMER:	FASCO DIST.		APPLICATION:	HVAC							
CUSTOMER PN:	9721		MOTOR WEIGHT:								
			ENVIRONMENT:	DRY							
HORIZONTAL UP / DOWN			MOTOR TYPE				REFERENCE SAMPLE				
			P.S.C.								
		B	LA	FR	A	S	C	E	B	A	
		00	90	30	V	05	DM	9	0	4	
TYPICAL PERFORMANCE AT 115 / 230 VOLTS 50 / 60 HZ								CAP: 4 MFD/370 VAC			
	IDLE			LOADED				LOCKED			BREAK
MOTOR SPEED	RPM	AMP	WATT	IN OZ	RPM	AMP	WATT	IN OZ	AMP	WATT	IN OZ
115 / 50	1490	.80	49	46	1350	.90	86	17.3	1.7	180	61.2
230 / 50	1490	.30	51	44	1350	.43	85	17.9	.84	178	59
115 / 60	1792	.50	43	51	1550	1.1	109	19.3	1.7	172	55.5
230 / 60	1790	.26	47	49	1550	.49	107	17.8	.81	168	53

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

00464668

FASCO™ c UL us
Assembled in Mexico
No.71903482 TYPE U90B1 T.P. AO
115/208-230 V 50/60 Hz Class B
Model 9721 Sealed Ball Bearing
Reference 1/12 HP E40513 Reversible
0.9/0.43 1.1/0.49 A 1350/1550 RPM
Max Amb 40°C 4 MFD/370 VAC

61299553

DRAWING REVISION: GF	REVISION BY: KBB	REV DATE/© DATE: 5/26/2022	
REQUEST NUMBER: ECR-0218133	APPROVED BY: PLA	DATE: 5/26/2022	
REQUEST NUMBER DESCRIPTION: CORRECTED PACKING NOTES			

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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]	

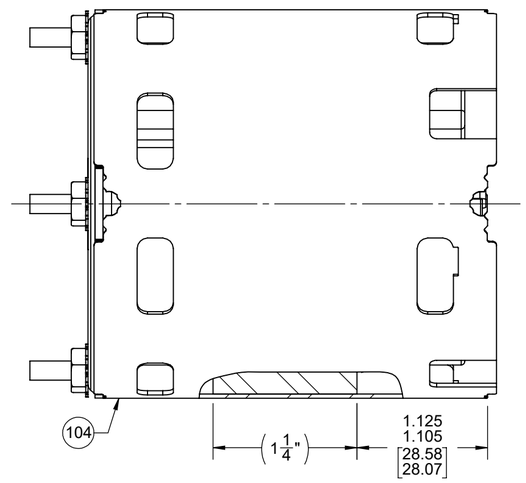
REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 125 / 3.2 INCH / mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY: SED	Regal Rexnord	Regal Beloit America, Inc.	
DATE: 9/10/2015			
APPROVED BY: PLA	DESCRIPTION: OUTLINE MOTOR ASSY		
DATE: 9/10/2015			
REFERENCE	MATERIAL	PROCESS/FINISH: BLACK PAINT	
THIRD ANGLE PROJECTION	SIZE: C	DRAWING NUMBER: 71903482	SHEET: 1 OF2

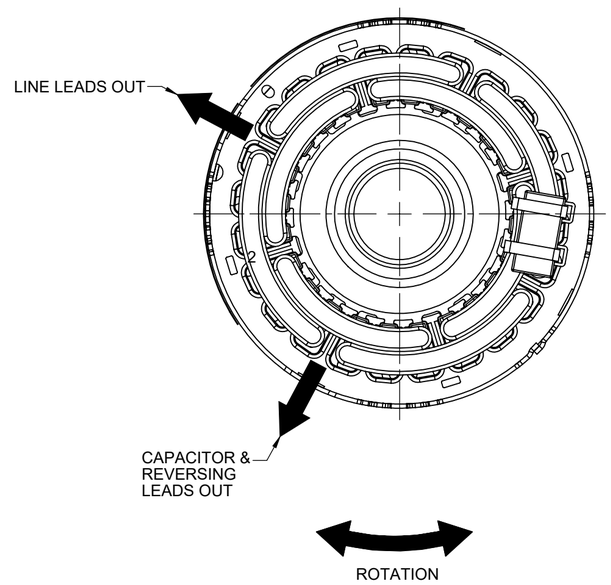
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NOTES:
1. STAKE STATOR TO MAIN FRAME PER 88830264.
2. MAXIMUM TORQUE REQUIRED TO TURN MOTOR SHAFT IS 3/8 INCH-OUNCE.
3. ASSEMBLE SPRING BETWEEN WASHER AND BEARING ON BACK END, WITH SPRING FINGERS TOWARD BEARING.
4. ASSEMBLE BALL BEARINGS TO BEARING RETAINERS PER 88834419.
5. BRING LINE LEADS DIRECTLY OUT LEAD EXIT. IGNORE POSITION OF OTHER LEADS, THEY WILL ROTATE BACK TO THEIR LEAD EXIT.

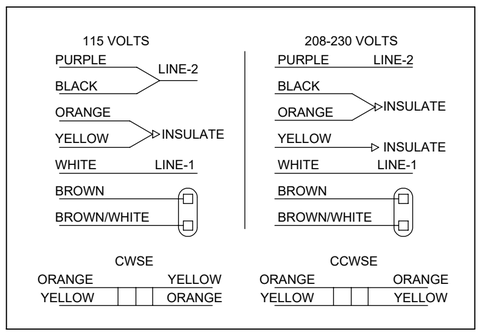
FRONT END



BACK END



CONNECTION LABEL SHOWN FOLDED - TO BE CONNECTED TO WHITE LEAD (2.00 [50.8]) FROM LEAD EXIT



PACKING SPECIFICATIONS

1. PACK PER 88834200. 1 PER CONTAINER, 32 CONTAINERS PER LAYER, 6 LAYERS. PLACE 4 BOXES IN OPEN END IN CORNER OF PALLET WITH SHAFT UP. 196 MOTORS MAX. PER PALLET. PACK ASSY: 87855520
2. PLACE (1) FLAT PAD ON PALLET, (1) BETWEEN EACH LAYER AND (1) ON TOP OF PALLET LOAD.
3. CARTONS MUST ALL FACE ONE DIRECTION TOWARD THE OPEN END OF THE PALLET, SEE 88834408.
4. APPLY DATE CODE LABEL TO SPACE PROVIDED ON CARTON BETWEEN THE BARCODE AND MANUFACTURING LOCATION. DATE CODE MUST MATCH THE DATE CODE ON THE MOTOR LABEL.

DRAWING REVISION: GF	REVISION BY: KBB	REV DATE/© DATE: 5/26/2022
REQUEST NUMBER: ECR-0218133	APPROVED BY: PLA	DATE: 5/26/2022
REQUEST NUMBER DESCRIPTION: CORRECTED PACKING NOTES		

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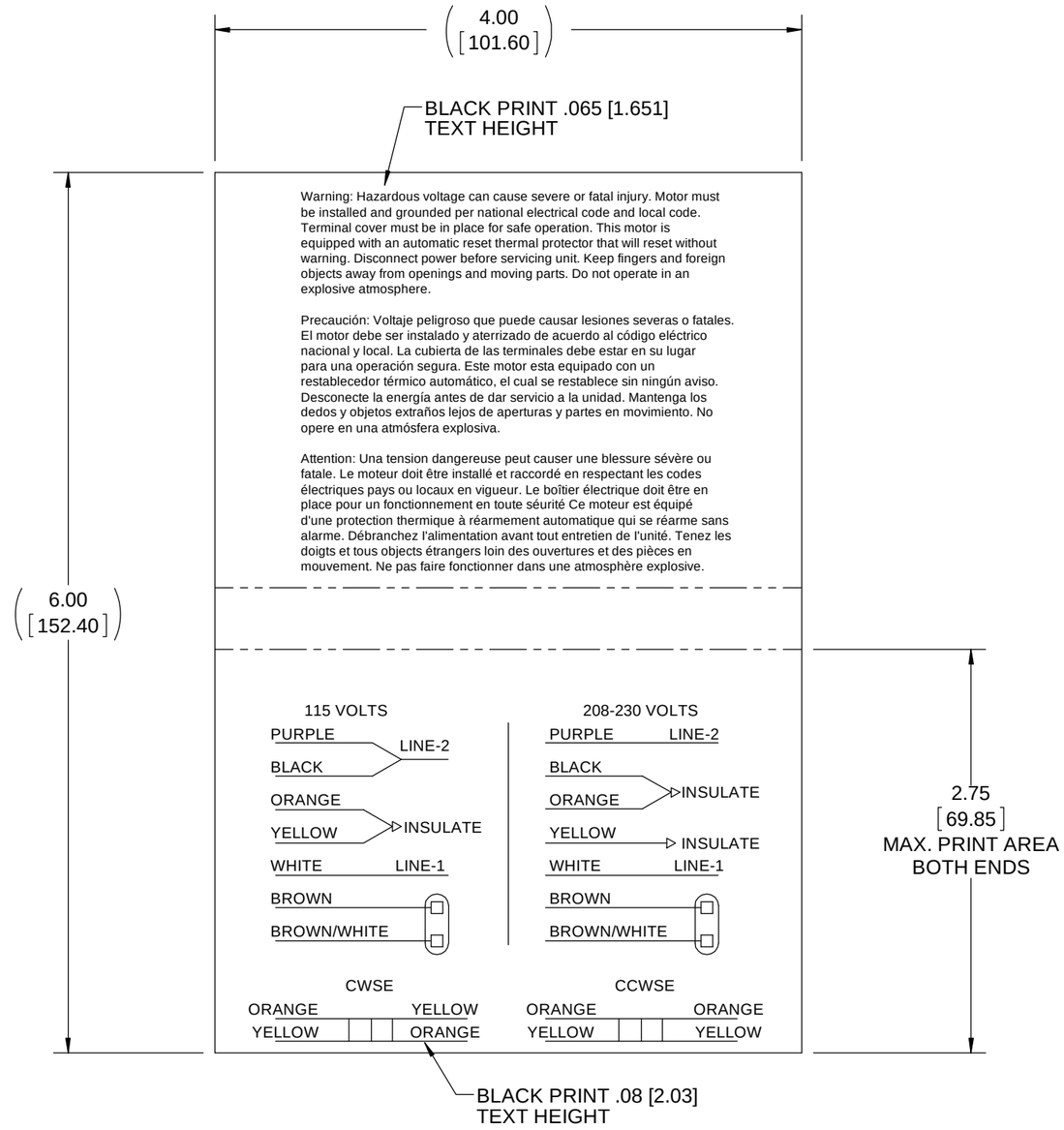
TOLERANCES (EXCEPT AS NOTED):

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 INCH / 3.2 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY: SED	Regal Rexnord — Regal Beloit America, Inc.
DATE: 9/10/2015	
APPROVED BY: PLA	DESCRIPTION: OUTLINE, MOTOR ASSY
DATE: 9/10/2015	
REFERENCE	MATERIAL / PROCESS/FINISH: BLACK PAINT
THIRD ANGLE PROJECTION	SIZE: C / DRAWING NUMBER: 71903482 / SHEET: 2 OF2

NOTES:
1. KEEP WARNING LABEL PART AS CLOSE TO TOP AS POSSIBLE AND CONNECTION DIAGRAM AS CLOSE TO BOTTOM AS POSSIBLE.
2. MATERIAL: T/T IMPRINTABLE UL 2.0 MIL WHITE FLEXCON NEXGEN POLY WITH HIGHY VISCOUS PERMANENT ADHESIVE AND A 50 LB. LINER.



DRAWING REVISION	REVISION BY	DATE
AB	SED	2/1/2018
ECO	APPROVED BY	DATE
ECO-0138783	FDP	2/1/2018
ECO DESCRIPTION		
REVISED MATERIAL		

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±1°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45 °
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY	SED
DATE	1/2/2018
APPROVED BY	SDM
DATE	1/2/2018
REFERENCE	
THIRD ANGLE PROJECTION	

REGAL™ Regal Beloit America, Inc.

DESCRIPTION: LABEL-CONNECTION DIAGRAM

MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	61305863	1 OF 1