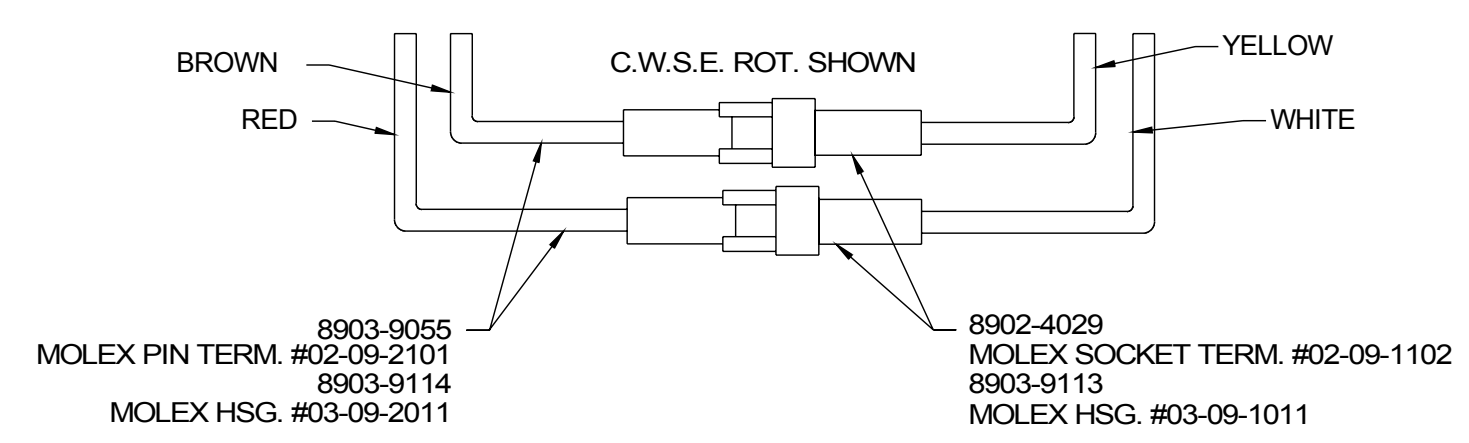
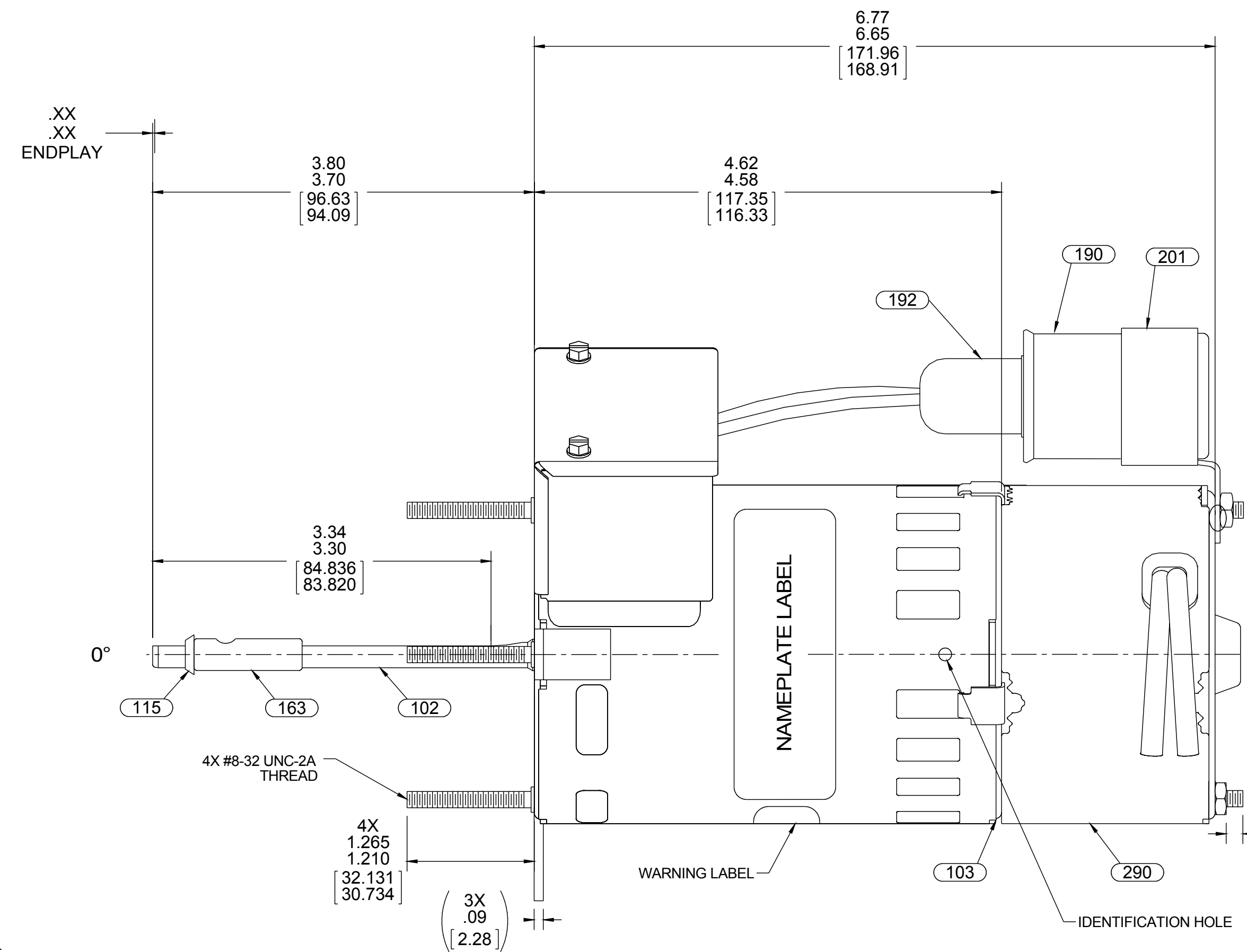


**LEAD MATERIAL**  
18 GA 125° C 2/64 INS.  
X-LINKED POLY, BLACK  
22.00/20.00 [558.80/508.00]. LONG  
W/ STRIP .56/.44 [14.22/11.18]

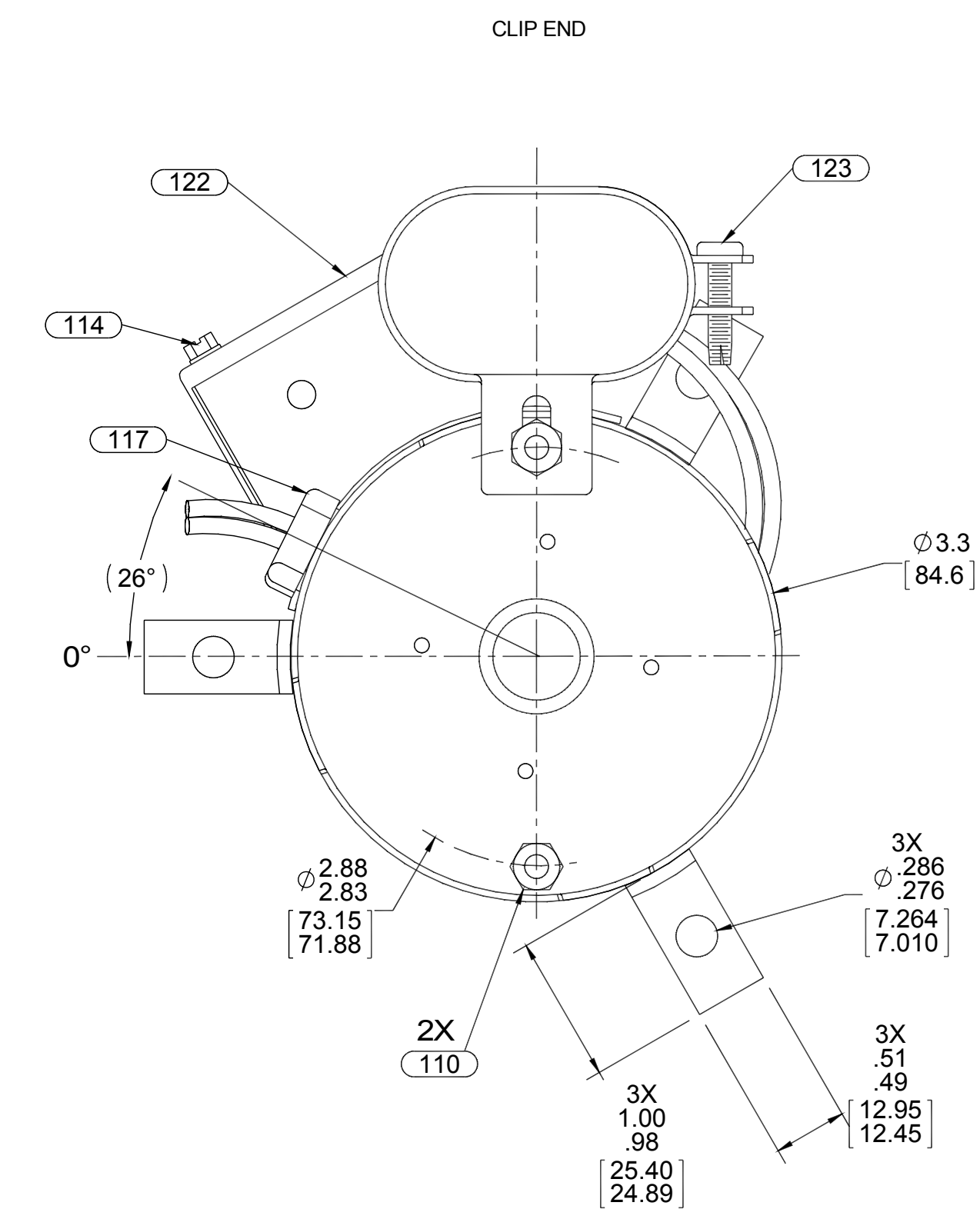
18 GA 125° C 2/64 INS.  
X-LINKED POLY, YELLOW,  
WHITE, RED, BROWN,  
4.00/3.00 [101.60/76.20]. LONG

**SWITCH LEADS**  
18 GA 125° C 4/64 INS.  
EPDM, RED  
22.00/20.00 [558.80/508.00]. LONG  
W/ STRIP .56/.44 [14.22/11.18]

**CAPACITOR LEADS**  
18 GA 125° C 2/64 INS.  
X-LINKED POLY, BLUE,  
8.25/6.25 [209.55/158.75] LONG  
W/FLAG TERMS. 8903-4045  
AMP # 42742-2



TO REVERSE ROTATION INTERCHANGE RED AND BROWN  
MOTOR MUST HAVE C.W.S.E. CONNECTION WHEN SHIPPING.



- NOTES:
1. COIL LINE AND REVERSING LEADS INSIDE CONDUIT BOX AFTER TESTING AND SECURE WITH SCREWS.
  2. NO KNOCKOUTS REMOVED.
  3. MOTOR HAS #416 STAINLESS STEEL SHAFT.
  4. ASSEMBLE BUSHING TO SHAFT AND HOLD IN PLACE WITH OIL SLINGER.

6130 5568

**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 SECURITE**  
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

APPLY IN A CONVENIENT LOCATION TO READ FROM CLIP END

00464072 00469122

**FASCO** Fasco Industries, Inc. Motor Division

Assembled in Mexico

No. 71620941 TYPE U62B1 T.P. AO

230 V 60/50 Hz Class B

0.7 A 3000/2500 RPM 1/9 HP

Model D412 Sealed Ball Brg

SW280-1 (1 spd)

Max Amb: 40°C

4 MFD/ 370 VAC

Connection Diagram

C.C.W.S.E. C.W.S.E.

Blk— Line Blk— Line

Blk— Line Blk— Line

Yel— Wht—

Red— Red—

Wht— Yel—

Brn— Brn—

Blu— Blu—

Blu—

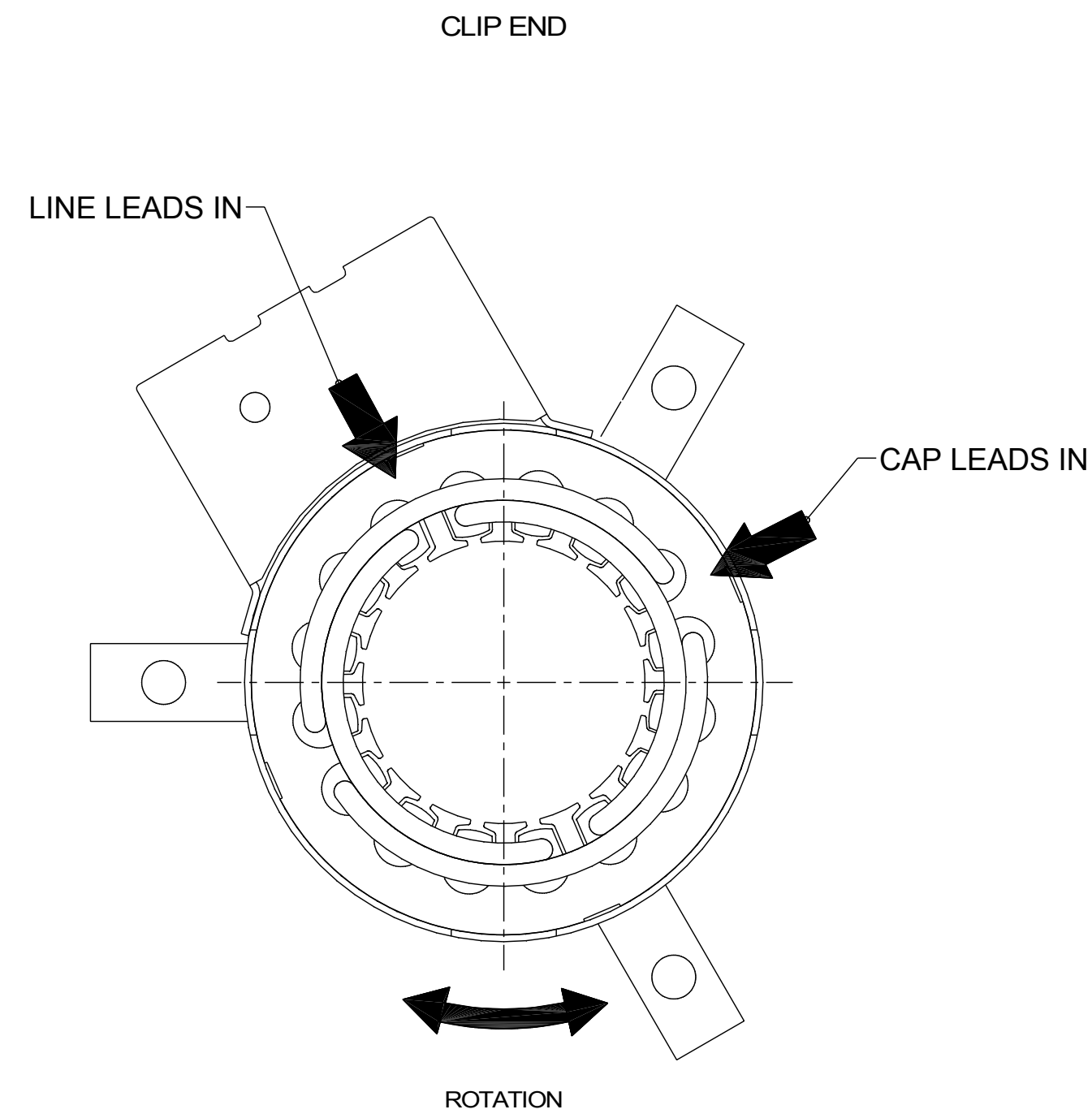
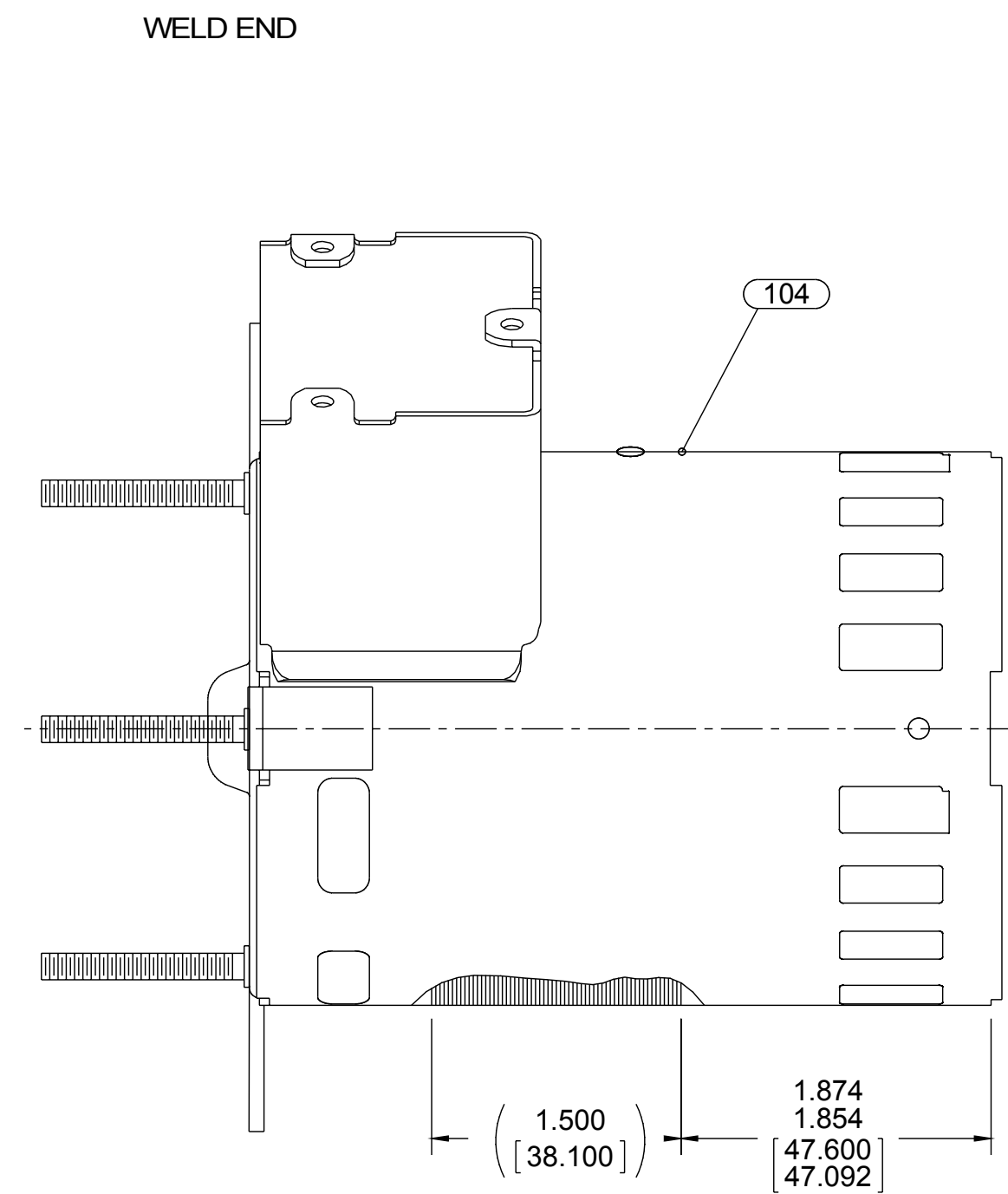
CUSTOMER PN: D412	ENVIRONMENT: DRY
CUSTOMER: FASCO DIST.	APPLICATION: COUNTER SALES
	MOTOR WEIGHT: 5.40 LBS.

CUSTOMER APPROVAL	FRONT SHAFT POSITION	MOTOR TYPE	REFERENCE SAMPLE NUMBER
	UP	P.S.C	71620941
SIGNED:	HORIZONTAL		
DATE:			

TYPICAL PERFORMANCE AT 115 VOLTS 60 HZ											
MOTOR SPEED	IDLE			FULL LOAD			LOCKED			BREAK	
	RPM	AMP	WATT	IN. OZ	RPM	AMP	WATT	IN. OZ	AMP	WATT	IN. OZ
3530	.28	.64	40.0	2975	.67	154	26.0	1.13	257	46.0	

NOTES:  
NO PACKAGING TAPE OVER CARTON LABEL.

DRAWING REVISION: BE	REVISION BY: G.ZHAO	DATE: 07-15-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRAWN BY: J.TINDLE
ECO: ECO-0081097	APPROVED BY: C.ZHANG	DATE: 07-15-2015	DEC. INCH. mm ANGLE	DATE: 11-05-2001
SEE ECO			.XX +0.1 [-0.25]	APPROVED BY:
			.XXX +0.005 [-0.127]	DATE:
			XXXX +0.0005 [-0.0127]	REFERENCE:
			REMOVE BURRS & BREAK SHARP EDGES: .003 [0.076] X 45°	MATERIAL:
			CORNER FILLETS: R.02 [51]	PROCESS/FINISH: BLACK PAINT
			MACHINED SURFACES: 125/32	DESCRIPTION: MODEL-SFHP-3.3 OUTLINE
			mm SHOWN IN [BRACKETS]	THIRD ANGLE PROJECTION
				SIZE: D
				DRAWING NUMBER: 71620941
				SHEET: 1 OF 2



SWITCH INSTRUCTIONS

1. ASSEMBLE SWITCH AND ACTUATOR PER PROCESS STANDARD.
2. PRESS ACTUATOR ASSEMBLY AND THIMBLE ON SHAFT SO THAT TOP OF METAL ACTUATOR PLATE .568/ .548 FROM END OF SHAFT.
3. SWITCH MUST BE ADJUSTED TO OBTAIN .035/ .025[8.89/6.35] AIR GAP BETWEEN THIMBLE AND SWITCH BUTTON IN FULL OPERATING POSITION.
4. SWITCH MUST MAKE CONTACT BEFORE 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. NO SLACK ALLOWED INSIDE SWITCH COVER WHEN ASSEMBLING HEYCO.

PACKING SPECIFICATIONS

1. PACK PER P. S. 8883 4200. 1 PER CARTON, 18 PER LAYER, 126 PER PALLET.
2. STAMP DATE CODE ON EACH CARTON LABEL. USING SPACE AVAILABLE BELOW THE D412 NUMBER. DATE CODE MUST NOT COVER ANY OTHER LABEL INFORMATION. USE HAND STAMP P/N 6129 9882.
3. PLACE A FOAM RING ON BACK END OF MOTOR. PLACE MOTOR IN CARTON, SHAFT END UP AND CONDUIT BOX TOWARD PRINTED SIDE OF CARTON. PLACE A FOAM RING OVER EVERY BRACKET AND SLIDE INTO CARTON. PLACE TUBE FILLER OVER SHAFT, CLOSE FLAPS AND TAPE.
4. PLACE LABEL ON SHAFT END OF CARTON, LAY CARTON ON SIDE ON PALLET WITH LABEL VISIBLE.
5. PLACE ONE FLAT PAD ON TOP LAYER OF PALLET.
6. PLACE ALL INSPECTION STICKERS AND WRITING ON FLAT PAD TO PREVENT MARKING ON CARTONS.
7. CARTON LABELS MUST ALL FACE ON DIRECTION TOWARD THE OPEN END OF THE PALLET. SEE P.S. 8883 4408.
8. NO PACKAGING TAPE OVER CARTON LABEL.

NOTES:

1. STAKE STATOR TO SLEEVE PER P. S. 88830264.
2. MAXIMUM TORQUE REQUIRED TO TURN MOTOR SHAFT IS 3/8 INCH-OUNCE.
3. ASSEMBLE SPRING BETWEEN WASHER AND BEARING ON CLIP END, WITH SPRING FINGERS TOWARD BEARING.
4. ASSEMBLE BALL BEARINGS TO BEARING RETAINERS PER P.S. 88834419.
5. CUT BLUE LEADS TO 8.25 / 6.25[209.55/158.75]”, RESTRIP TO .22 ±.06[5.59±1.52] AND ASSEMBLE 89034045 TERMINALS.
6. CUT RED AND BROWN LEADS TO 4.00 / 3.00”[101.60±76.20], RESTRIP TO .25 ±.06[6.35±1.52] AND ASSEMBLE 89039055 TERMINALS WITH 89039114 TERMINAL HOUSING.
7. CUT WHITE AND YELLOW LEADS TO 4.00 / 3.00[101.60±76.20], RESTRIP TO .25 ±.06[6.35±1.52] AND ASSEMBLE 89024029 TERMINALS WITH 89039113 TERMINAL HOUSING.
8. LEADS MUST MEET PULL TEST PER PROCESS STANDARD.
9. ATTACHED TERMINALS MUST MEET SPECIFICATIONS ON PROCESS STANDARD.
10. MOUNTING SURFACES OF BRACKETS MUST BE FLUSH WITH FACE OF COVER WITHIN ± .030[±.762].
11. ASSEMBLE LOCKWASHER BETWEEN CAPACITOR BRACKET AND MOTOR.

DRAWING REVISION BE		REVISION BY G.ZHAO	DATE 07-15-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWN BY J.TINDLE		REGAL™ Regal Beloit America, Inc.		
ECO-0081097		APPROVED BY G.ZHANG	DATE 07-15-2015	DEC.	INCH	mm	ANGLE	DATE 11-05-2001	DESCRIPTION MODEL-SFHP-3.3 OUTLINE	
ECO DESCRIPTION SEE ECO				.XX	+0.01	[+0.25]	-0.5°	APPROVED BY		
				XXX	+0.005	[+0.127]		DATE	MATERIAL	
				XXXX	-0.0005	[-0.0127]		REFERENCE	PROCESS/FINISH BLACK PAINT	
				REMOVE BURRS & BREAK SHARP EDGES: .003[0.076] X 45°				THIRD ANGLE PROJECTION	SIZE D	DRAWING NUMBER 71620941
				CORNER FILLETS: R.02 [5.1]					SHEET 2 OF 2	
				MACHINED SURFACES: 125/32						
				mm SHOWN IN [BRACKETS]						