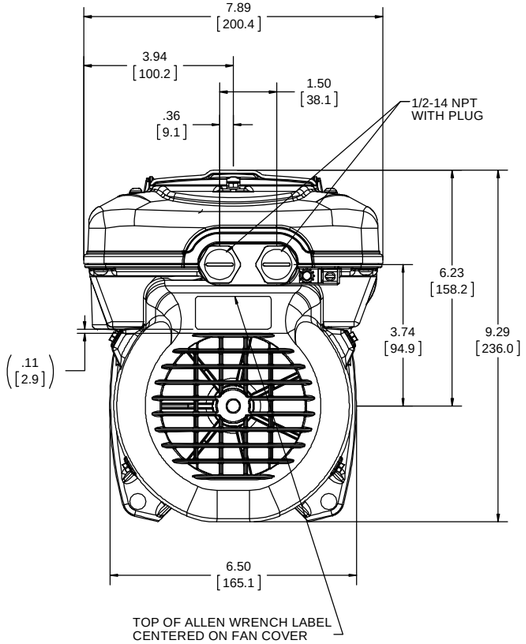
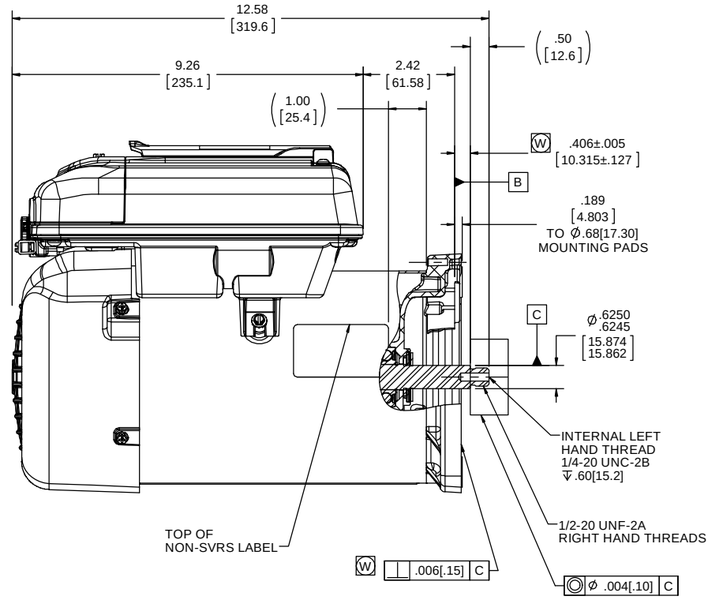
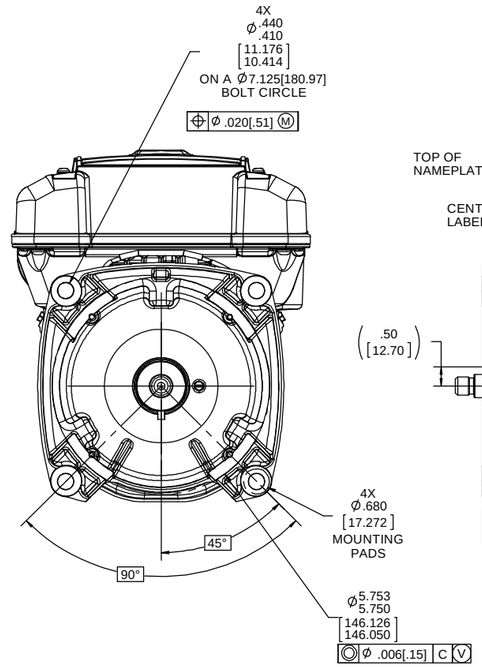
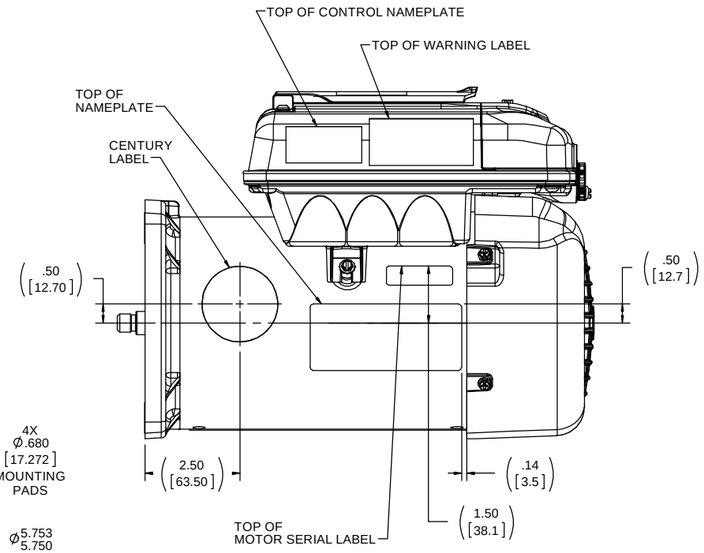
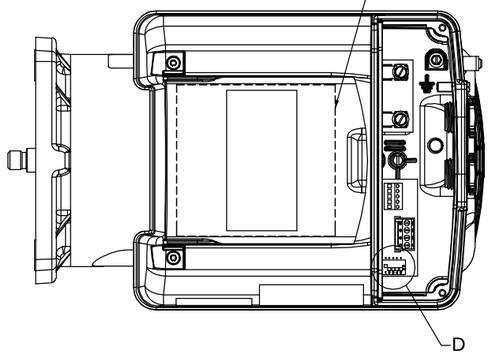
Uncontrolled Copy

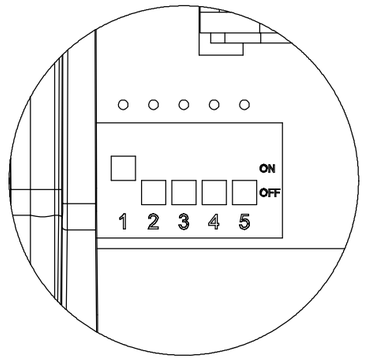




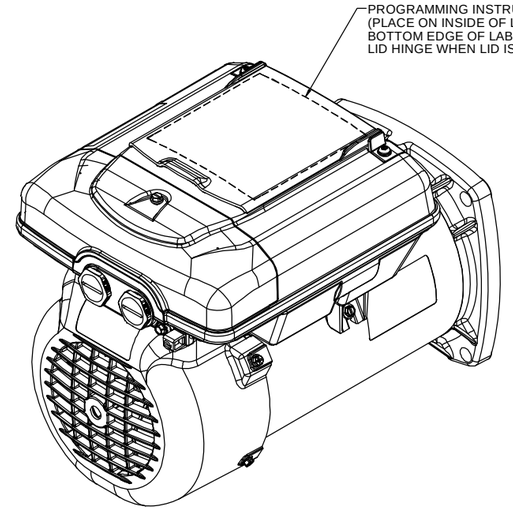








DETAIL D



NAMEPLATE DATA			
MODEL NUMBER	M48AA84A01	CUSTOMER MODEL NUMBER	ECM16SQU
HP	1.65	TYPE	M
VOLTS	208-230	FRAME SIZE	48Y
AMPS	10.5-10.0	PHASE	1
KW	1.23	INSULATION CLASS	F
SF AMPS	-	AMBIENT TEMPERATURE	50˚C
HERTZ	60/50	DUTY	CONT
REVOLUTIONS PER MINUTE	600-3450	ENCLOSURE	TEFC
SERVICE FACTOR	1.00	ELECTRONICALLY PROTECTED	
ROTATION	CWLE	CODE	NA
PERFORMANCE CURVE NUMBER	-	FORM	-
CUSTOMER	DISTRIBUTION	APPROVED SAMPLE	-

NOTES:
1. END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST
2. ALL DIMENSIONS SHOWN IN PARENTHESES ARE REFERENCE DIMENSIONS.
3. MOTOR AND CONTROL FINISH PAINT TO BE SATIN BLACK
4. (V) IDENTIFIES CRITICAL CHARACTERISTICS
   EXPECTED CAPABILITY:
   Cpk 2.0 OR 100% TESTING

   (W) IDENTIFIES MAJOR CHARACTERISTICS
   EXPECTED CAPABILITY:
   Cpk 1.33 OR GREATER
   UNLESS OTHERWISE SPECIFIED

EXTERNAL CONNECTION DIAGRAM

(GRD) ——— GREEN
L2 ———
L1 ——— LINE

DRAWING REVISION: H	REVISION BY: J. JOHNS	DATE: 6/11/2017
ECO: ECO-0144970	APPROVED BY: N. SNELL	DATE: 6/11/2017
ECO DESCRIPTION: ADDED CONT. PROG. LABEL TOP AND ISO VIEWS		

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.02	[±0.51]	
.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	E. DRYE
DATE	06-29-2012
APPROVED BY	
DATE	
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

DESCRIPTION	OUTLINE MODEL-PFHP-48FR-ECM
MATERIAL	PROCESS/FINISH
SIZE	D
DRAWING NUMBER	ECM16SQU
SHEET	1 OF 1