

NOTES:

- 1 CREEPAGE DISTANCE: 14.08" / 358mm
- 2 ARC DISTANCE: 6.85" / 174mm
- 3 NOMINAL VOLTAGE: 15kV
- 4 NOMINAL CURRENT: 2000A
- 5 WITHSTAND VOLTAGE AT 60 sec.: 50kV
- 6 B.I.L. : 110kV
- 7 APPLICATION STANDARD: IEEE C57.19.01
- 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 40 lbf · ft / 54.2 N · m
- 9 WEIGHT: 26 lb / 11.8 kg

REVISIONS					
ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
A1 A6 C6	A	GENERAL UPDATE TO ACTUAL STANDARD ADD THE "SDC" DESIGNATION TO THE BUSHING NAME ADD THE MINIMUM GASKET SEAT DIMENSION INCREASE THE TOLERANCES ON THE FLANGE OUTSIDE DIAMETER	M. FORGET	2020-07-01	Y.V.

F

F

E

E

D

D

C

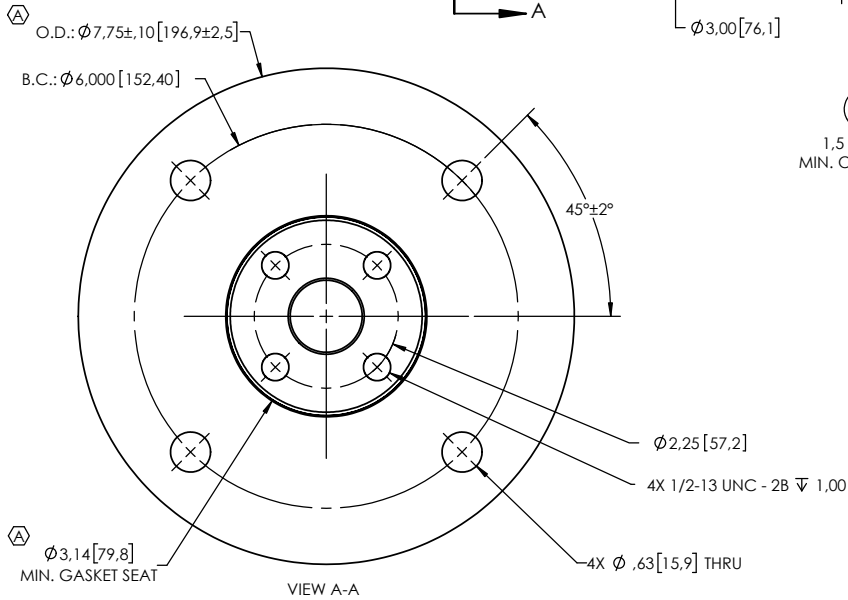
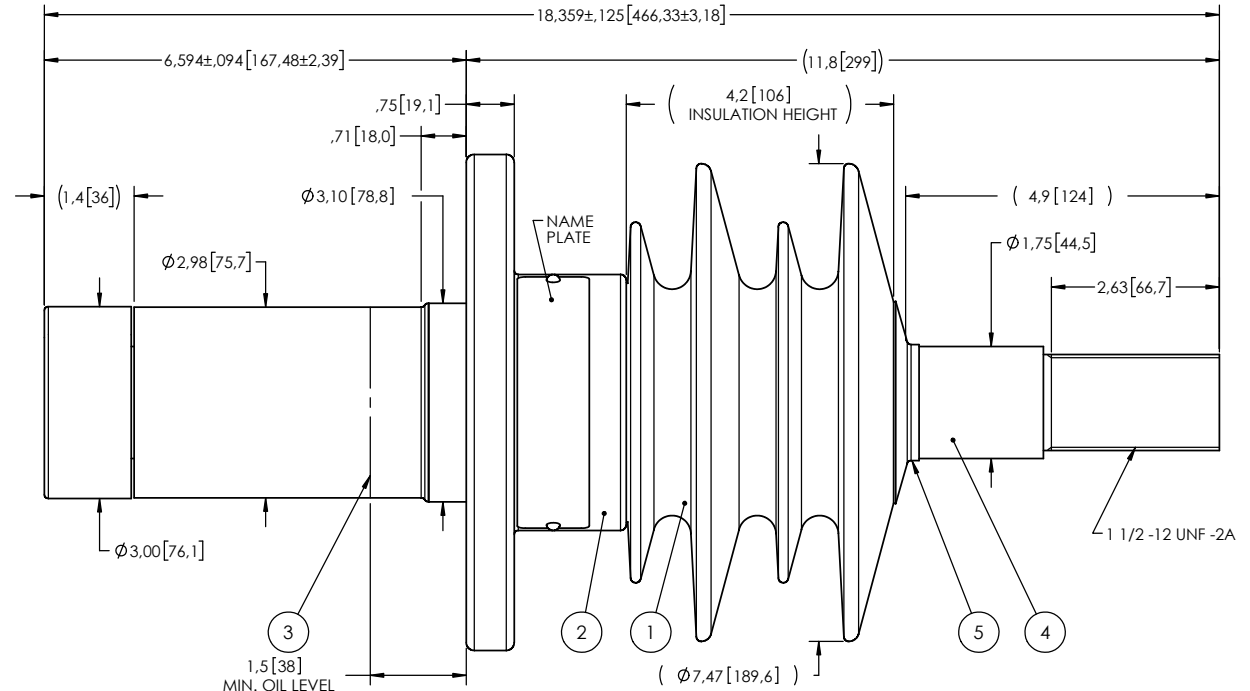
C

B

B

A

A



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ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
5	1	S-1600-0587-0		CAP	COPPER
4	1	S-6831-6467		ROD ASSEMBLY	COPPER
3	1	S-6831-6466		SHIELD	COPPER
2	1	S-6831-6465		FLANGE	ALUMINUM
1	1	S-6831-6464	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-02

PARTS LIST

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)

- X. ±0.125
- .X ±0.094
- .XX ±0.063
- .XXX ±0.010
- ANGLES ±0.1°
- RADIUS ±0.031

REMOVE BURRS AND BREAK SHARP EDGES

DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED)

REPLACE:

DRAWN BY: J.N.PILOTTE DATE: 2011/03/17

CHECK BY:

PROJECT ENG.:

PROJECT MANAGER:

**Electro Composites**  
solid HV bushings solution

TITLE: SDC® BUSHING 15kV, 2000A Ⓢ  
MODEL: 110-020-T-355-01

FORMAT	CAGE CODE	DRAWING NO.	REVISION
A		S-6831-6464	A

SCALE	GENERATED BY	SHEET
1:3	SolidWorks 2009	1 of 1