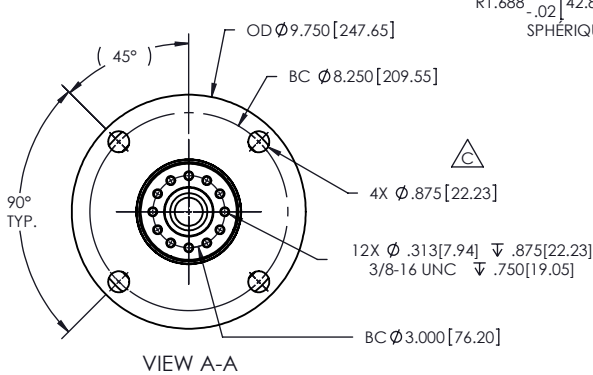
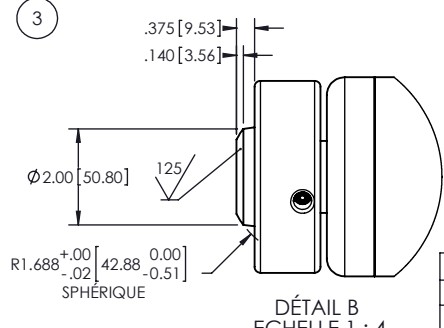
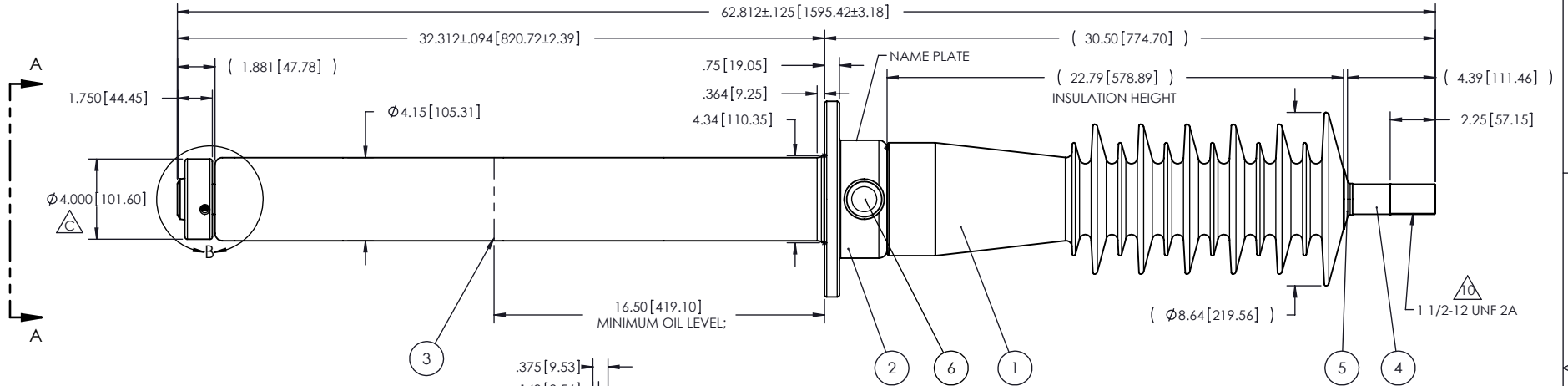


- NOTES:
- 1 CREEPAGE DISTANCE: 52.13" / 1324.11mm
 - 2 ARC DISTANCE: 25.41" / 645.40mm
 - 3 NOMINAL VOLTAGE: 69kV
 - 4 NOMINAL CURRENT: 1200A
 - 5 WITHSTAND VOLTAGE AT 60 sec.: 160kV
 - 6 B.I.L. : 350kV
 - 7 ROUTINE TEST ACCORDING TO: IEEE C57.19.00
 - 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 40 lbf x ft
 - 9 WEIGHT: 103.1 lbs / 46.7 Kg

△ SILVER PLATED TOP END, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N, NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS

| RÉVISIONS | | | | | |
|-----------|------|--|-----------|------------|-------|
| ZONE | REV. | DESCRIPTION | DRAWN BY | DATE | APPR. |
| | A | ITEM #6 WAS MISSING IN PART LIST | D.Delisle | 2008-08-18 | J.V. |
| | B | CHANGING NUMBER OF HOLES, 8 HOLES BECAME 6 HOLES. | D.Delisle | 2008-10-23 | J.V. |
| | C | CHANGING NUMBER OF HOLES, 6 HOLES BECAME 12 HOLES. | D.Delisle | 2008-10-30 | J.V. |
| D-6 | D | Ø4.25 BECOMES Ø4.00 | J.N.P | 2009-12-09 | J.V. |



| ITEM NO. | QTY | DRAWING NO. | PART NO. | DESCRIPTION | NOTE / MATL |
|----------|-----|-------------|----------|-------------------------------|-------------|
| 6 | 1 | S-1001-2022 | | CAPACITANCE TAP ASSEMBLY | ALUMINUM |
| 5 | 1 | S-1001-0007 | | CAP | COPPER |
| 4 | 1 | S-5318-4938 | | ROD ASSEMBLY | COPPER |
| 3 | 1 | S-5318-4937 | | SHIELD ASSEMBLY | COPPER |
| 2 | 1 | S-5171-4722 | | FLANGE | ALUMINUM |
| 1 | 1 | | | 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 | ±5° |
| RADIUS | ±0.031 |

REMOVE BURRS AND BREAK SHARP EDGES

DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED)

Electro Composites™
solid HV bushings solution

TITLE: BUSHING 69kV, 1200A
MODEL: 350-012-B-417-00

| | | | | | |
|---------------------|------------------|---------------|-----------|-------------------------------|---------------|
| DRAWN BY: D.Delisle | DATE: 2008/07/24 | FORMAT: A | CAGE CODE | DRAWING NO.: S- 5318-4936 | REVISION: D |
| CHECK BY: | | PROJECT ENG.: | | GENERATED BY: SolidWorks 2008 | SHEET: 1 of 1 |
| PROJECT MGR.: | | SCALE: 1:8 | | | |

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