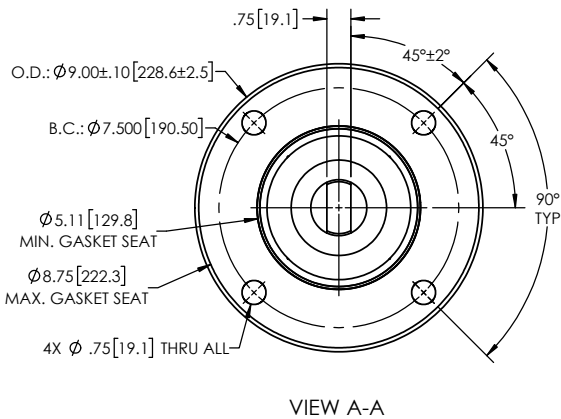
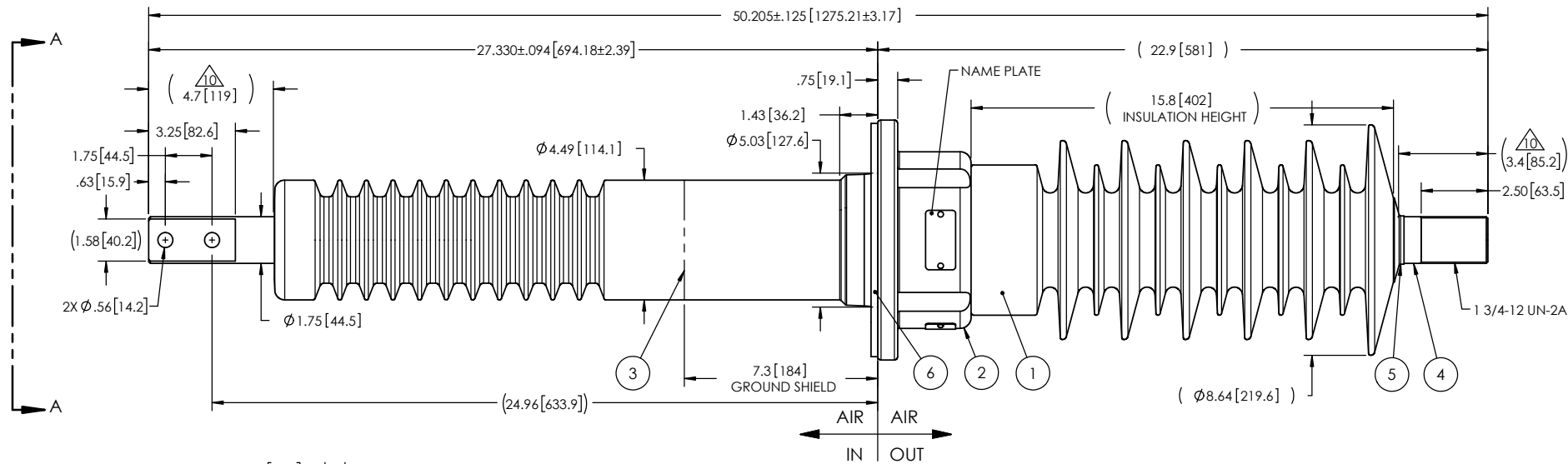


- NOTES:
- 1 CREEPAGE DISTANCE: OUT: 44.5" / 1130mm IN: 25.6" / 650mm
 - 2 ARC DISTANCE: OUT: 18.0" / 458mm IN: 17.0" / 433mm
 - 3 NOMINAL VOLTAGE: 38kV
 - 4 NOMINAL CURRENT: 2500A
 - 5 VOLTAGE WITHSTAND, 60 sec.: 80kV
 - 6 BIL: 200kV
 - 7 ROUTINE TEST ACCORDING TO: IEEE C37.017
 - 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 40 lbf·ft / 54.2 N·m
 - 9 WEIGHT: 84 lb / 38.1 kg
 - 10 SILVER PLATED, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N, NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS

| REVISIONS | | | | | |
|-----------|------|----------------------------|-----------|------------|-------|
| ZONE | REV. | DESCRIPTION | DRAWN BY | DATE | APPR. |
| B4 | A | ADD EPDM GASKET TO BUSHING | M. FORGET | 2023-02-08 | Y.V. |



| ITEM NO. | QTY | DRAWING NO. | PART NO. | DESCRIPTION | NOTE / MAT'L |
|----------|-----|---------------|----------|------------------------------|--------------|
| 6 | 1 | S-7699-10418 | | GASKET | EPDM |
| 5 | 1 | S-1600-0587-0 | | CAP | COPPER |
| 4 | 1 | S-1548-9541 | | ROD ASSEMBLY | COPPER |
| 3 | 1 | S-1548-9540 | | SHIELD ASSEMBLY | COPPER |
| 2 | 1 | S-1548-9534 | | FLANGE | ALUMINUM |
| 1 | 1 | S-1548-9497 | -001 | CASTING CYCLOALIPHATIC RESIN | EC-APG-02 |

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)

| | |
|--------|--------|
| X. | ±0.125 |
| .X | ±0.094 |
| .XX | ±0.063 |
| .XXX | ±0.031 |
| ANGLES | ±0.25° |
| RADIUS | ±0.031 |

REMOVE BURRS AND BREAK SHARP EDGES

DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED)

Electro Composites™
solid HV bushings solution

TITLE: SDC® BUSHING 38kV, 2500A
MODEL: 200-025-W-1005-00

DRAWN BY: A.SAVARD DATE: 2017/12/05

CHECK BY: PROJECT ENG.: PROJECT MANAGER:

FORMAT: A CAGE CODE: DRAWING NO.: S-1548-9497 REVISION: A

SCALE: 1:6 GENERATED BY: SolidWorks 2022 SHEET: 1 of 1

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