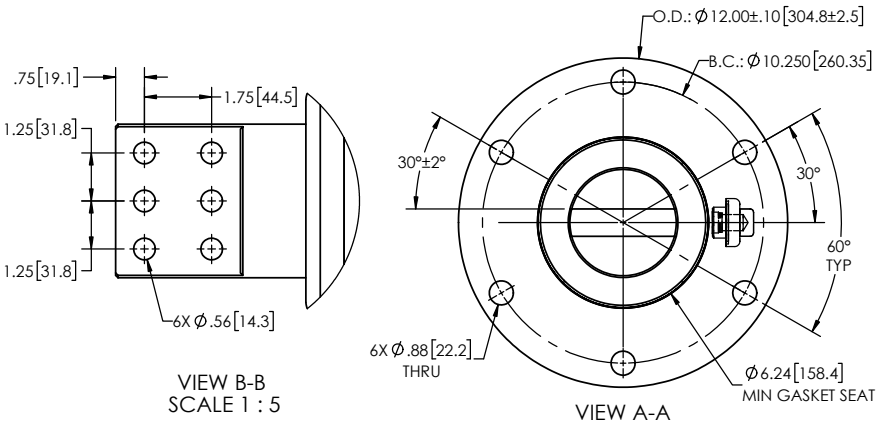
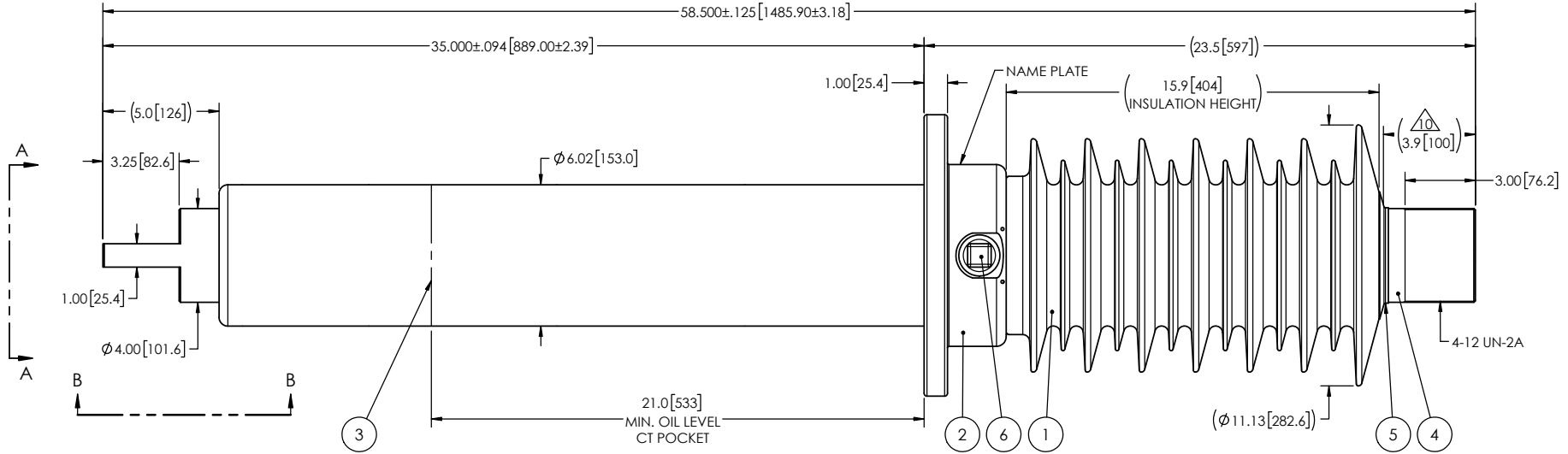


NOTES:

- 1 CREEPAGE DISTANCE: 48.1" / 1222mm
- 2 ARC DISTANCE: 18.5" / 470mm
- 3 NOMINAL VOLTAGE: 34.5kV
- 4 NOMINAL CURRENT: 6000A
- 5 VOLTAGE WITHSTAND, 60 sec.: 80kV
- 6 BIL : 200kV
- 7 ROUTINE TEST ACCORDING TO: IEEE C57.19.01
- 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 70 lbf·ft / 94.9 N·m
- 9 WEIGHT: 307 lb / 139.3 Kg
- 10 SILVER PLATED, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N, NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS
- 11 BUSHING NOT SUITABLE FOR ENCLOSED APPLICATION.
- 12 INSULATION THERMAL LIMIT: 130°C. BUSHING RATED PER IEEE C57.19.00 USUAL SERVICE CONDITIONS.

REVISIONS					
ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
E4	A	UPDATE NOTE #12	M. FORGET	2023-01-09	Y.V.



ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-3974-3543		CAP	COPPER
4	1	S-9046-8428		ROD ASSEMBLY	COPPER
3	1	S-9046-8427		SHIELD ASSEMBLY	COPPER
2	1	S-6187-5769		FLANGE	ALUMINUM
1	1	S-8414-9877	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-15NA

PARTS LIST

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 34.5kV, 6000A
MODEL: 200-060-T-1040-00

DRAWN BY: M. FORGET DATE: 2019/01/03

CHECK BY:

PROJECT ENG.:

PROJECT MANAGER:

FORMAT: A CAGE CODE: DRAWING NO.: S-8414-9877 REVISION: A

SCALE: 1:7 GENERATED BY: SolidWorks 2022 SHEET: 1 of 1

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