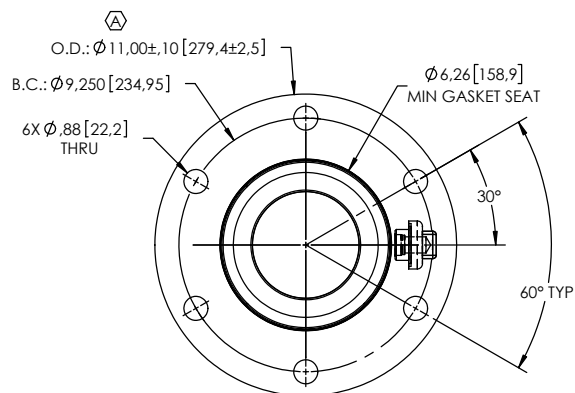
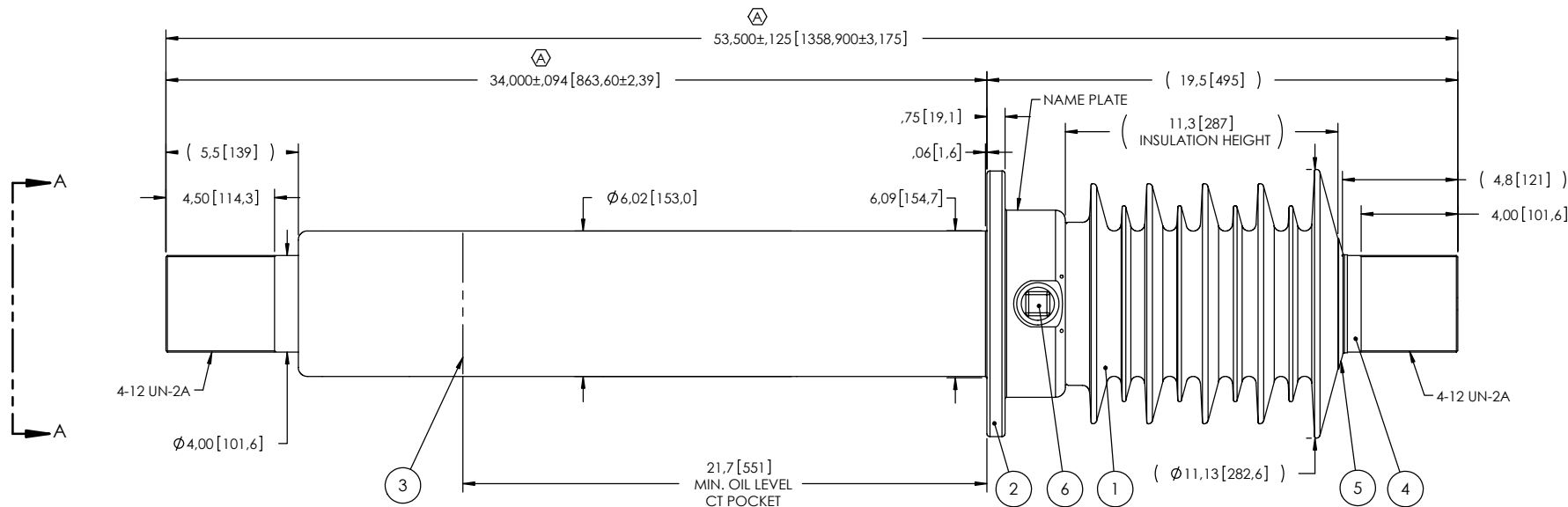


NOTES:

- 1 CREEPAGE DISTANCE: 34.2" / 867mm
2 ARC DISTANCE: 14.0" / 356mm
3 NOMINAL VOLTAGE: 27.5kV
4 NOMINAL CURRENT: 4000A
5 VOLTAGE WITHSTAND, 60 sec.: 70kV
6 B.I.L. : 150kV
7 ROUTINE TEST ACCORDING TO: CSA C88.1-96
8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 70 lbf·ft / 94.9 N.m
9 WEIGHT: 282 lbs / 127.9 Kg
10 MAXIMUM OPERATING TEMPERATURE: 130°C 

REVISIONS

ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
F6, E4, C6	A	GENERAL UPDATE PER STANDARD + INCREASE THE TOLERANCES ON THE FLANGE OUTSIDE DIAMETER. + NOTE 10 HAS BEEN CHANGED	A.SAVARD	2020-10-19	Y.V.



VIEW A-A

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6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-3974-3543		CAP	COPPER
4	1	S-7841-8283		ROD ASSEMBLY	COPPER
3	1	S-7841-8282		SHIELD ASSEMBLY	COPPER
2	1	S-7841-8281		FLANGE	ALUMINUM
1	1	S-7841-8280	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-15NA
ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L

PARTS LIST

GENERAL TOLERANCES
(UNLESS OTHERWISE SPECIFIED)

X.	±0.125
.X	±0.094
.XX	±0.063
.XXX	±0.010
ANGLES	±0.25°
RADIUS	±0.031

REMOVE BURRS AND
BREAK SHARP EDGES

DIMENSIONS ARE IN
INCHES

(UNLESS OTHERWISE SPECIFIED)

DRAWN BY: J.N.PILOTTE DATE: 2014/03/12

CHECK BY:

PROJECT ENG.:

PROJECT MANAGER:

ElectroComposites™
solid HV bushings solution

TITLE: SDC® BUSHING 27.5kV, 4000A
MODEL: 150-040-550-15

FORMAT: A CAGE CODE: DRAWING NO.: S-7841-8280 REVISION: A

SCALE: 1:7 GENERATED BY: SolidWorks 2020 SHEET: 1 of 1