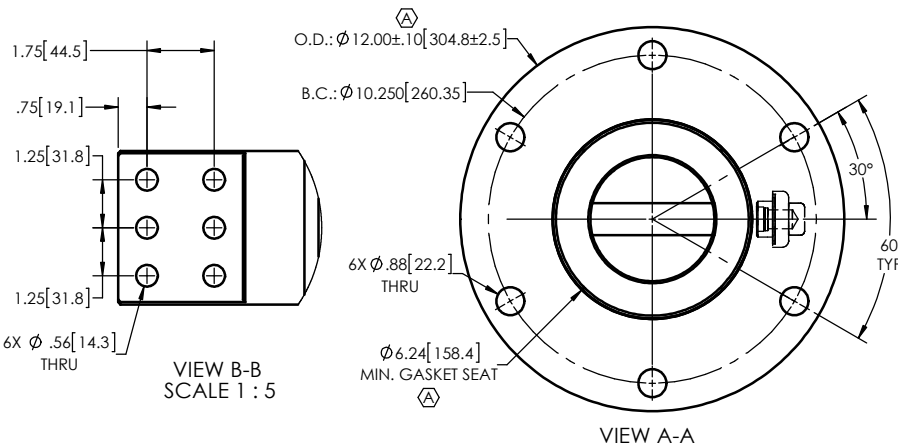
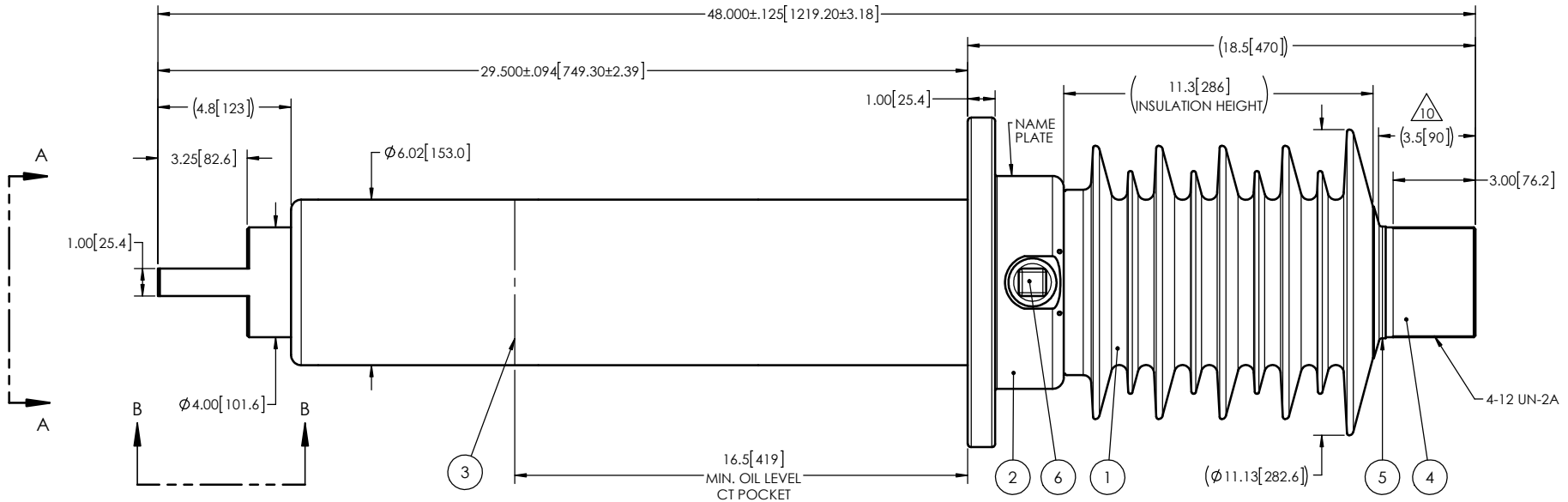


NOTES:

- 1 CREEPAGE DISTANCE: 34.2" / 869mm
2 ARC DISTANCE: 13.9" / 353mm
3 NOMINAL VOLTAGE: 25kV
4 NOMINAL CURRENT: 5000A
5 VOLTAGE WITHSTAND, 60 sec.: 60kV
6 BIL : 150kV
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: 250 lb / 113.3 Kg
10 SILVER PLATED, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N,
NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS
11 MAXIMUM OPERATING TEMPERATURE: 130°C (266°F)

REVISIONS

ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
A5 C5	A	ADD THE MINIMUM GASKET SEAT DIMENSION. INCREASE THE TOLERANCES ON THE FLANGE OUTSIDE DIAMETER.	J. CLICHE	2016-10-31	Y.V.



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6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-3974-3543		CAP	COPPER
4	1	S-8690-8166		ROD ASSEMBLY	COPPER
3	1	S-6187-5770		SHIELD ASSEMBLY	COPPER
2	1	S-6187-5769		FLANGE	ALUMINUM
1	1	S-8690-8165	-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	±0.031
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: 2013/11/05
CHECK BY:	
PROJECT ENG.:	
PROJECT MANAGER:	

Electro Composites
solid HV bushings solution

TITLE:
SDC® BUSHING 25kV, 5000A
MODEL: 150-050-165-15

FORMAT	CAGE CODE	DRAWING NO.	REVISION
A		S-8690-8165	A
SCALE 1:6	GENERATED BY: SolidWorks 2013	SHEET 1 of 1	