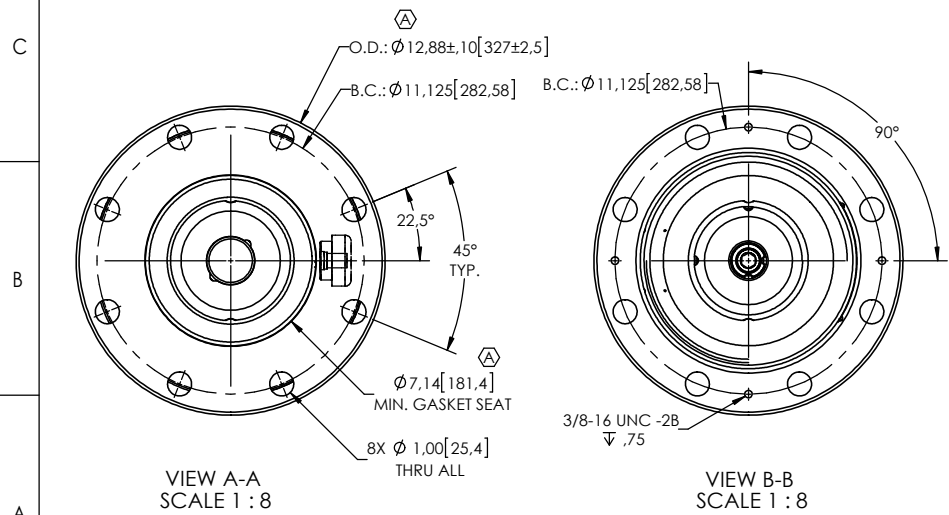
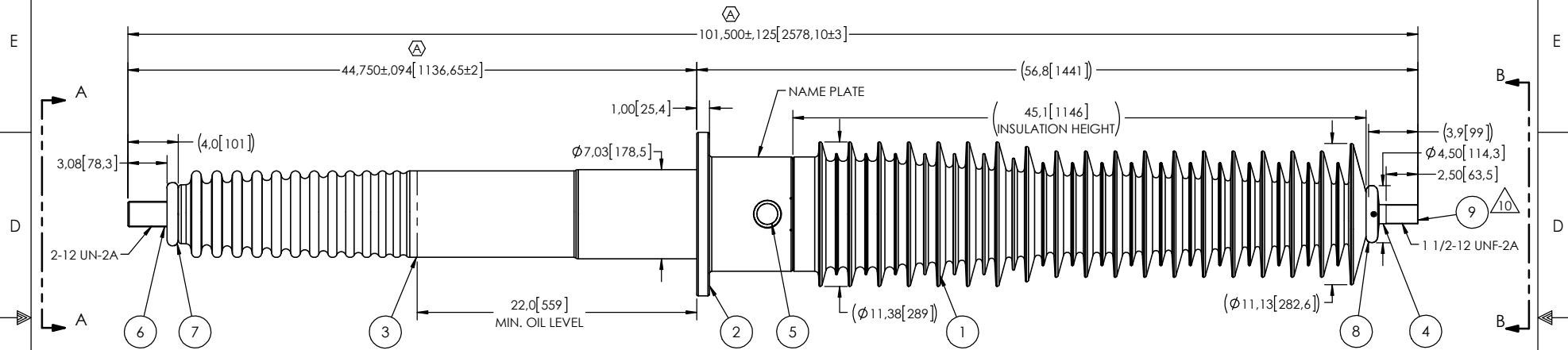


- NOTES:
- | | | |
|----|---|------------------------------------|
| 1 | CREEPAGE DISTANCE OUTSIDE: | 141.9" / 3604mm |
| 2 | ARC DISTANCE: | 48.1" / 223mm |
| 3 | NOMINAL VOLTAGE: | 115kV |
| 4 | NOMINAL CURRENT: | 1200A |
| 5 | VOLTAGE WITHSTAND, 60 sec.: | 260kV |
| 6 | B.I.L. : | 550kV |
| 7 | ROUTINE TEST ACCORDING TO: | IEEE C57.19.01 |
| 8 | MAX. TORQUE APPLIED ON FLANGE BOLTS: | 70 lbf x ft / 94.9 N.m \triangle |
| 9 | WEIGHT: | 315 lb / 142.9 kg |
| 10 | MAX. TORQUE APPLIED ON 3/4 NPT PIPE PLUG WITH TEFLON: | 35 lbf x ft |

REVISIONS					
ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
F5, E4, C5, B5	A	ADD THE MINIMUM GASKET SEAT DIMENSION. + ADD TOLERANCE ON THE EXTERNAL FLANGE DIAMETER + GENERAL UPDATE AS PER STANDARD	A.SAVARD	2018-03-02	J.V.



ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
9	1	S-1001-2465-322		3/4 NPT PIPE PLUG	BRASS
8	1	S-2878-4854		CORONA RING TOP	ALUMINUM
7	1	S-8140-7744		CORONA RING BOTTOM	ALUMINUM
6	1	S-8140-7743		TERMINAL TOP	COPPER
5	1	S-2878-2606		CAPACITANCE TAP ASSEMBLY	ALUMINUM
4	1	S-8140-7742		TUBE	COPPER
3	1	S-8140-7741		SHIELD ASSEMBLY	BRASS
2	1	S-8140-7740		FLANGE	ALUMINUM
1	1	S-8140-7739	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-02

PARTS LIST					
GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)			ElectroComposites solid HV bushings solution		
X.	±0.125				
.X	±0.094		TITLE: SDC® BUSHING 115kV, 1200A MODEL: 550-012-B-650-01		
.XX	±0.063		DRAWN BY: A.SAVARD DATE: 2013/01/21		
.XXX	±0.010		PROJECT NO.: []		
ANGLES	±0.25°		FORMAT: A CAGE CODE: [] DRAWING NO.: S-8140-7739 REVISION: A		
RADIUS	±0.031		PROJECT MANAGER: [] SCALE: 1:12 GENERATED BY: SolidWorks 2013 SHEET: 1 of 1		
REMOVE BURRS AND BREAK SHARP EDGES					
DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED)					

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