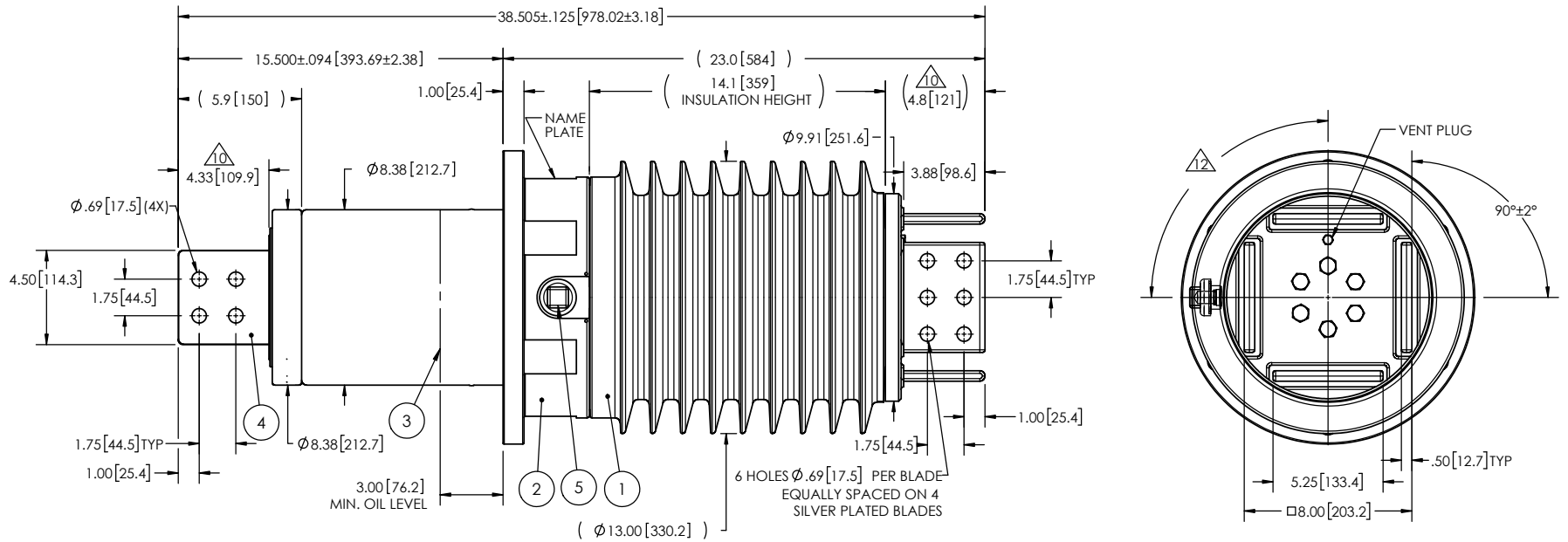
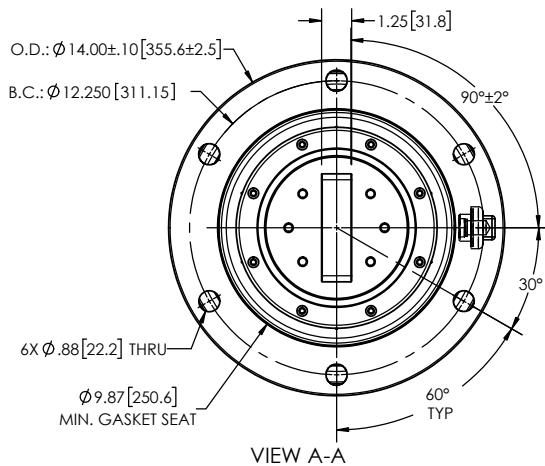


- NOTES:
- 1 CREEPAGE DISTANCE: 36.4" / 925mm
 - 2 ARC DISTANCE: 15.1" / 284mm
 - 3 NOMINAL VOLTAGE: 25kV
 - 4 NOMINAL CURRENT: 6 000A
 - 5 WITHSTAND VOLTAGE AT 60 sec.: 60kV
 - 6 B.I.L. : 150kV
 - 7 ROUTINE TEST ACCORDING TO: IEEE C57.19.01
 - 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 70 lbf · ft / 94.9 N · m
 - 9 WEIGHT: 247 lb / 112 kg
 - 10 SILVER PLATED BOTH END, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N, NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS
 - 11 INSULATION THERMAL LIMIT: 130°C. BUSHING RATED PER IEEE C57.19.04 USUAL SERVICE CONDITIONS.Ⓢ
 - 12 THE CAPACITANCE TAP ORIENTATION CAN BE DIFFERENT FROM THE DRAWING.

REVISIONS					
ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
B4	A	ADD A SPECIAL NAME PLATE OF 4" LARGE X 2.25" HIGH	J. CLICHE	2011/03/21	Y.V.
F5	B	CHANGE, NOMINAL CURRENT, ARC DISTANCE AND CREEPAGE DISTANCE	J. CLICHE	2011/03/22	Y.V.
A2 A5 B6 D2, F5 F5	C	GENERAL UPDATE TO ACTUAL STANDARD ADD THE "SDC" DESIGNATION TO THE BUSHING NAME ADD THE MINIMUM GASKET SEAT DIMENSION INCREASE THE TOLERANCES ON THE FLANGE OUTSIDE DIAMETER ADD NOTE # 12: CAPACITANCE TAP ORIENTATION ADD NOTE # 11: MAXIMUM OPERATING TEMPERATURE	M. FORGET	2020-12-09	Y.V.
E4	D	UPDATE NOTE # 11	M. FORGET	2022-11-15	Y.V.



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ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
5	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
4	1	S-6790-6434		TUBE ASSEMBLY	COPPER
3	1	S-6790-6432		SHIELD ASSEMBLY	BRASS
2	1	S-6790-6431		FLANGE	ALUMINUM
1	1	S-6790-6430	-001	CASTING, CYCLIALIPHATIC RESIN	EC-APG-15NA

PARTS LIST						
GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)			<p>Electro Composites solid HV bushings solution</p> <p>TITLE: SDC® GSU BUSHING 25kV, 6000A MODEL: 150-060-G-616-00</p>			
X.	±0.125	REMOVE BURRS AND BREAK SHARP EDGES DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED)	DRAWN BY:	J. CLICHE	DATE:	2011/03/14
.X	±0.094		CHECK BY:			
.XX	±0.063		PROJECT ENG.:			
.XXX	±0.031		PROJECT MGR.:			
ANGLES	±0.25°					
RADIUS	±0.031					
SCALE: 1:8 GENERATED BY: SolidWorks 2022 SHEET: 1 of 1			PROJECT NO.: DRAWING NO.: S-6790-6430 REVISION: D			