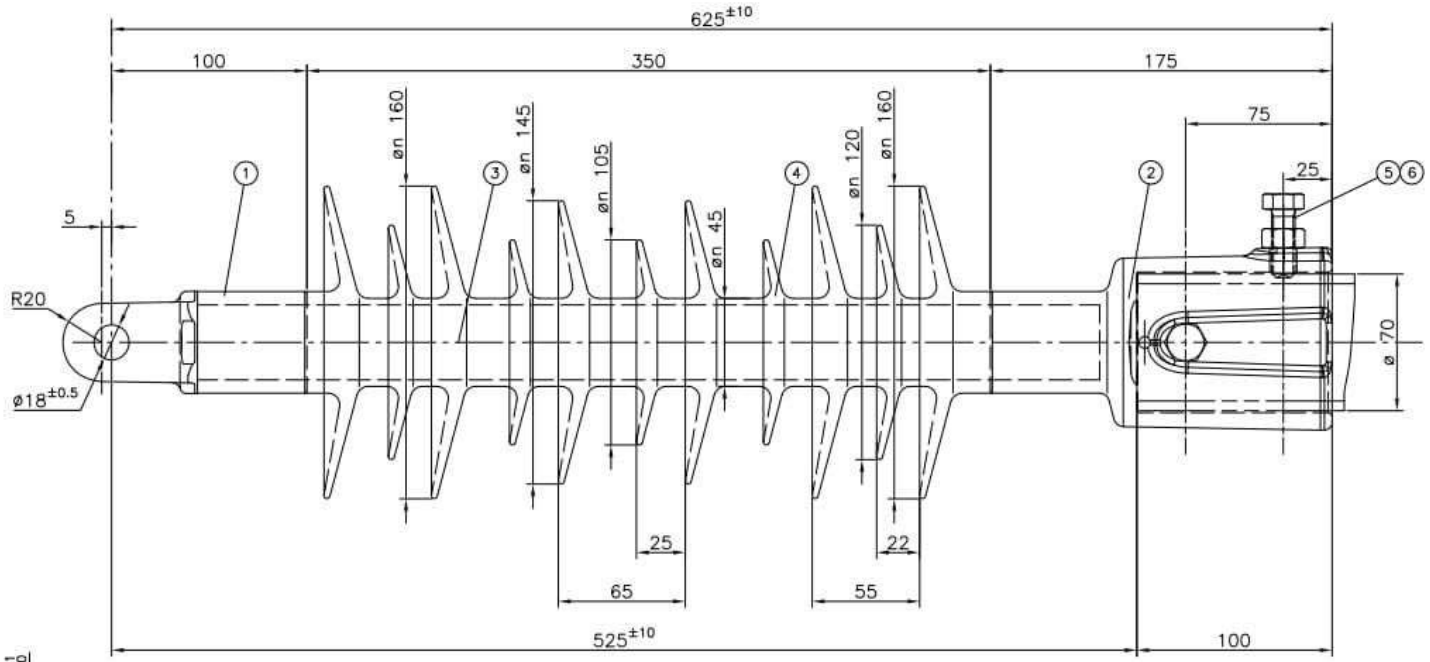
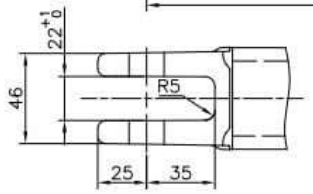
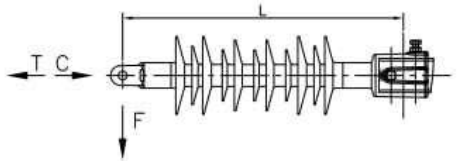






NOTAS:

- TENSIÓN SOPORTADA A FRECUENCIA INDUSTRIAL BAJO LLUVIA ____ kV 125
- TENSIÓN SOPORTADA A IMPULSE TIPO RAYO EN SECO ____ kV 250
- LINEA DE FÚGA ____ mm 1240
- DISTANCIA DE ARCO ____ mm 425
- MDCL – IEC 61952 ____ FxL= kNm 1.6
- SCL – IEC 61952 ____ FxL= kNm 3.2
- CARGA A TRACCIÓN ESPECIFICADA (STL) –IEC 61952 ____ T=kN 60
- CARGA ESPECIFICADA A COMPRESIÓN –IEC 62231 (SCoL) ____ C=kN 50
- FUERZA DE DESLIZAMIENTO DEL TUBO ø70 (ALEACIÓN DE ALUMINIO EN AW 6082 T6) ____ C=kN 40

- TOLERANCIAS, ENSAYOS ELECTRICOS Y MECÁNICOS SEGÚN IEC 61952

- PAR DE APRIETE:
  TORNILLO M12 REF.5 ____ Nm 70
  TUERCA M12 REF.6 ____ Nm 35

NOTE

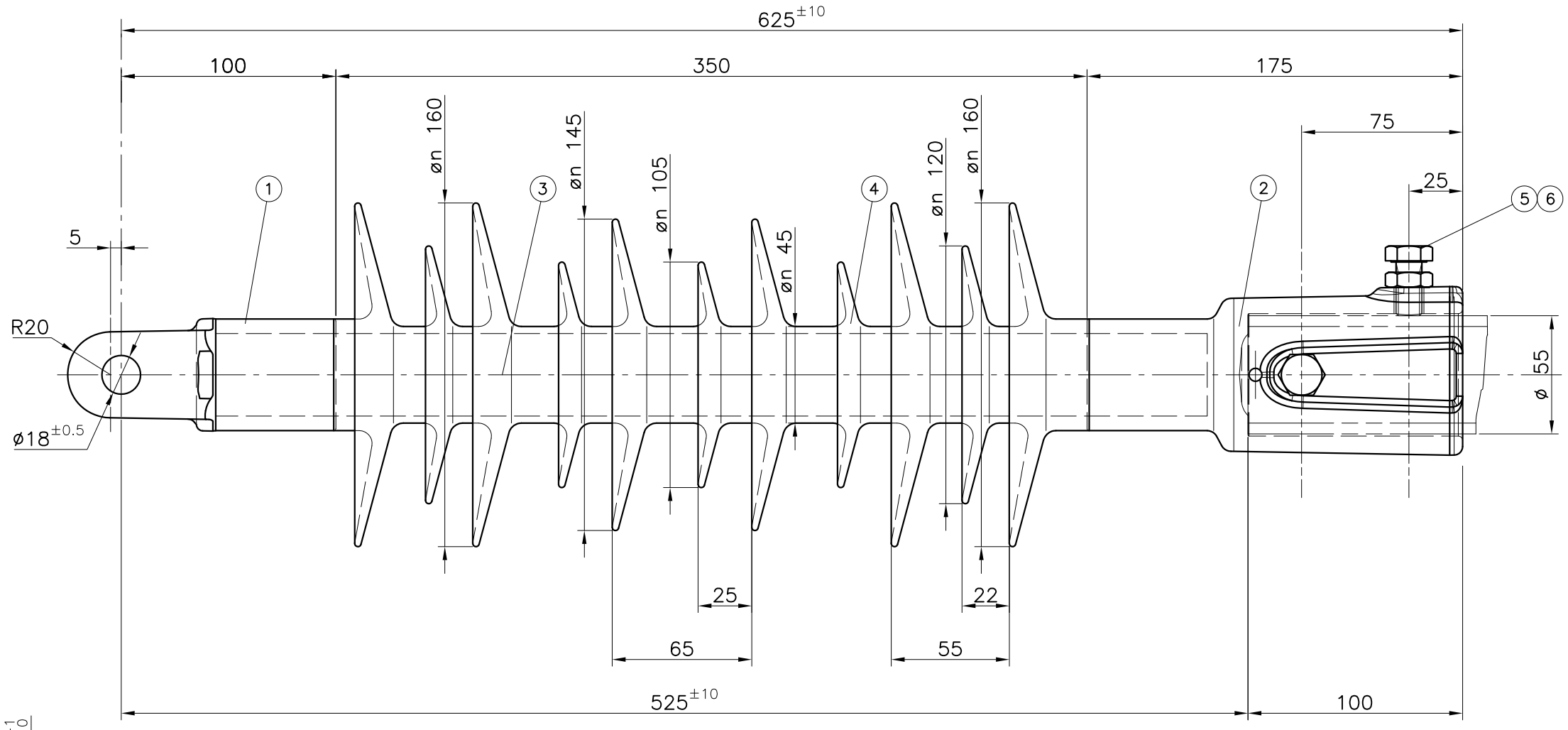
1 – TORNILLO M12x35 LUBRICAR CON MOLYKOTE BR2 GRASA PLUS

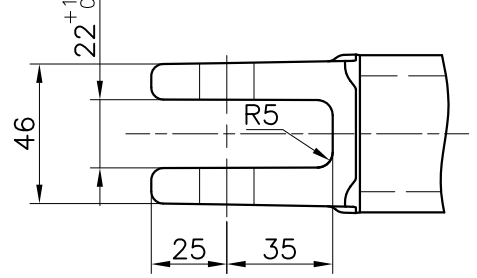
Ref.	Description	Code / mark	Material	Drawing	Q.ty
6	TUERCA M12 DIN 43165		ACERO INOX. A2-80 UNI EN ISO 3506-2		2
5	TORNILLO M12x35 DIN 43165		ACERO INOX. A2-80 UNI EN ISO 3506-1		2
4	ENVOLVENTE CON CAMPANAS ø160/120 - ø145/105		GOMA SILICONA	082/A	1
3	NÚCLEO ø 38x460		FIBRA DE VIDRIO EPOXÍLICA		1
2	HERRAJE DE FIJACIÓN DE TUBO DE CONEXIÓN		EN AW-6082 T5 UNI EN 586-2	T01331	1
1	HERRAJE DE HORQUILLA		EN AW-6082 T5 UNI EN 586-2	T01344	1

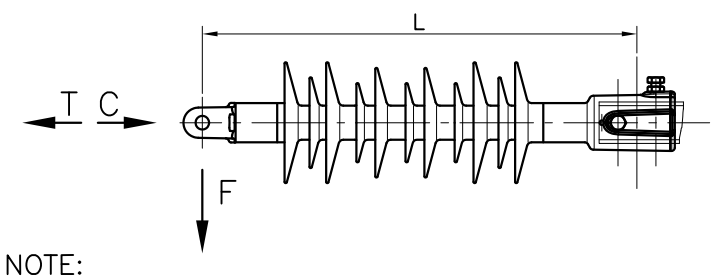
MODIF Ed.	Date	Description of change	Traced	Checked
3	16/09/2021	Correcto valor de STL	Devecchi F.	G. Gallarati
2	07/04/2016	Agregada nota 1	Devecchi F.	G. Gallarati
1	23/10/2015	Mod. ref. 5, 6, mat. 1, 2. Ademas par de apriete	Gilardi P.	G. Gallarati

GRUPPO BONOMI
BONOMI EUGENIO S.p.A.
REMOSIO
isoelectric s.r.l.
OFF. ELETTROMECCANICHE BONOMI

Material
Finish
Heat treatment
Drawing title: LINEAS AÉREAS DE CONTACTO 25 kV
AISLADOR DE ANCLAJE ø 70
Significant surface
Mass: kg 3.9
Size: A3
Scale: 1:2.5
Date: 03/10/2013
Code
Drawing n°: I01901
Short description: ISOL PUNTONE D70 25kV 38
Drawn by: P. Gilardi
Approved by: Gallarati Gr.
Edition: 3
Related doc.
Drawing tolerances
Replaces
Sheet: .. / ..







NOTE:

- WET POWER FREQUENCY WITHSTAND VOLTAGE ____ kV 125
- DRY LIGHTNING IMPULSE WITHSTAND VOLTAGE ____ kV 250
- CREEPAGE DISTANCE ____ mm 1240
- ARCING DISTANCE ____ mm 425
- MAXIMUM DESIGN CANTILEVER LOAD –IEC 61952 (MDCL) ____ FxL= kNm 1.6
- SPECIFIED CANTILEVER LOAD –IEC 61952 (SCL) ____ FxL= kNm 3.2
- SPECIFIED TENSILE LOAD –IEC 61952 (STL) ____ T=kN 50
- SPECIFIED COMPRESSION LOAD –IEC 62231 (SCoL) ____ C=kN 50

- ELECTRICAL AND MECHANICAL TESTS ACCORDING TO IEC 61952

Ref.	Description	Code / mark	Material	Drawing	Q.ty
6	NUT M12 UNI 5589		STAINLESS ST. A2-35 UNI EN ISO 3506-2		2
5	SCREW M12x25 UNI 5739		STAINLESS ST. A2-70 UNI EN ISO 3506-1	V00369B	2
4	SHEDDED COVER ø 160/120 - 145/105		SILICONE RUBBER	082/A	1
3	ROD ø 38x460		FIBERGLASS & EPOXY RESIN		1
2	CONNECTION TUBE END FITTING		EN AW-6082 T6 UNI EN 586-2	T01332/55	1
1	CLEVIS END FITTING		EN AW-6082 T6 UNI EN 586-2	T01344	1

MODIF. Ed.	Date	Description of change	Traced	Checked
0	03/10/2013	First issue	Gilardi P.	G. Gallarati

GRUPPO BONOMI
BONOMI EUGENIO S.p.A.
REBOSIO
isoelectric srl

Material
Finish
Heat treatment
Drawing title: 25 kV OVERHEAD CONTACT LINES
STRUT INSULATOR
Significant surface
Mass: kg 3.8
Size: A3
Scale: 1:2.5
Date: 03.10.2013
Drawing n°: I01900
Short description: ISOL PUNTONE D55 25kV 38
Drawn by: P. Gilardi
Approved by: Gallarati G.
Edition: 0
Related doc.
Code
Drawing tolerances
Replaces
Sheet .. / ..