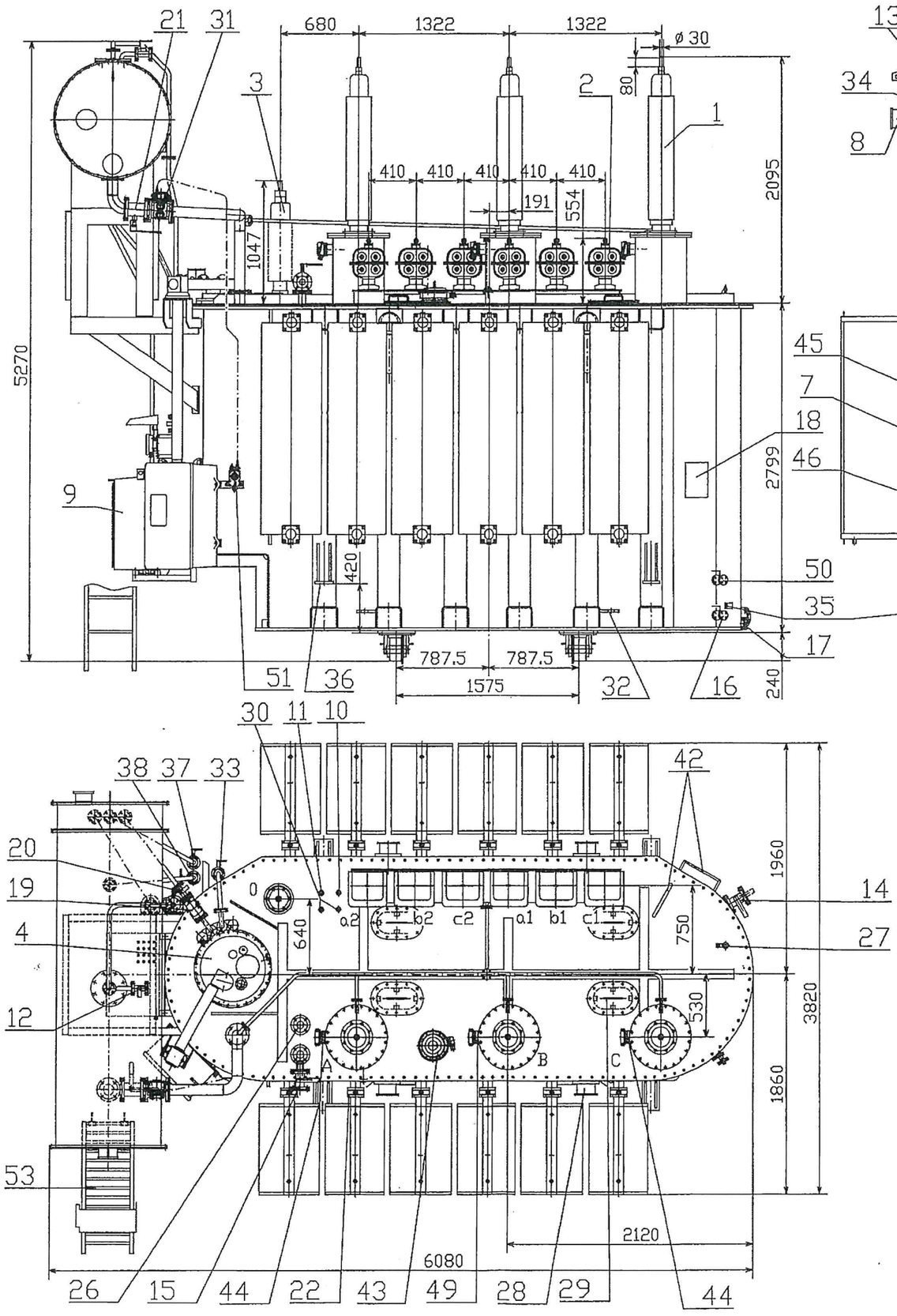
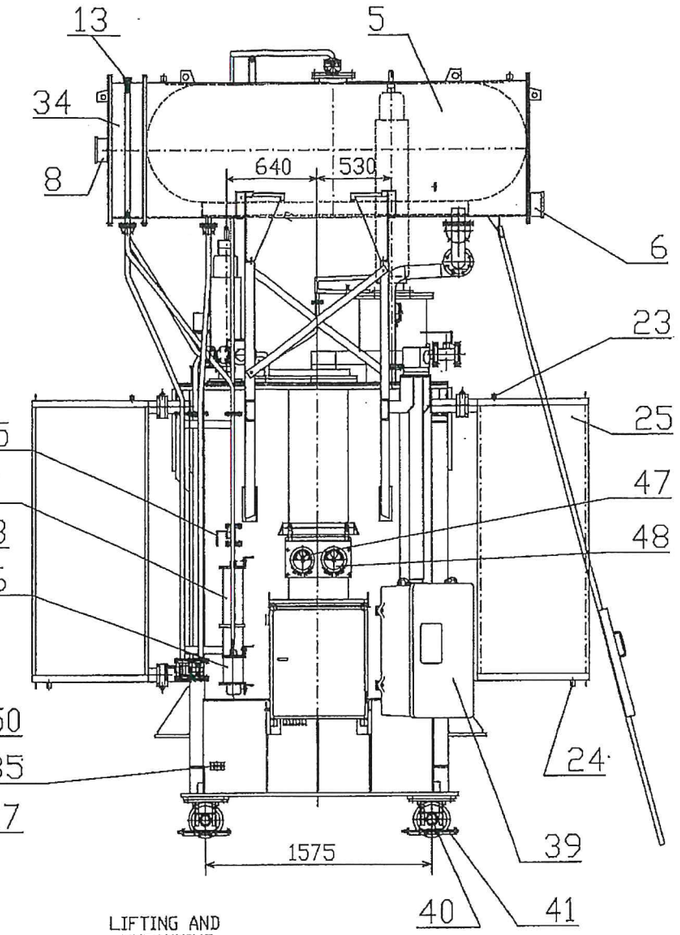
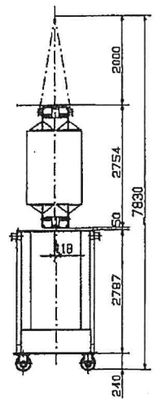


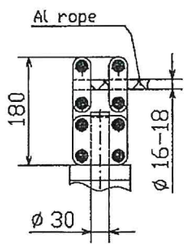


1. H.V. BUSHING
2. L.V. BUSHING - CONNEX
3. H.V. NEUTRAL BUSHING
4. ON-LOAD TAP CHANGER (O.L.T.C.)
5. OIL CONSERVATOR WITH FLEXIBLE SEPARATOR
6. OIL LEVEL INDICATOR FOR MAIN TANK
7. SILICAGEL BREATHER FOR MAIN TANK
8. OIL LEVEL INDICATOR FOR O.L.T.C.
9. COOLING AND SIGNALS CABINET
10. BULB FOR WINDING TEMPERATURE INDICATOR
11. BULB FOR OIL TEMPERATURE INDICATOR
12. DEAERATION & VACUUMING VALVE FOR OIL CONSERV.-25mm
13. FILLING PLUG FOR O.L.T.C. CONSERVATOR
14. LOWER FILTER-DRAIN VALVE - 50 mm
15. UPPER FILTER VALVE - 50 mm
16. OIL SAMPLING VALVE (BOTTOM)- 15 mm
17. DRAIN PLUG - DIN 42548
18. RATING PLATE
19. O.L.T.C. OIL FLOW RELAY
20. O.L.T.C. PIPEWORK VALVE - 25 mm
21. MAIN PIPEWORK VALVE - 80 mm
22. SHUT-OFF VALVE FOR COOLING RADIATOR
23. COOLING RADIATOR DEAERATION PLUG
24. COOLING RADIATOR DRAIN PLUG
25. COOLING RADIATOR
26. VACUUM PUMP CONNECTION - 50 mm
27. CORE EARTHING
28. TRANSFORMER LIFTING LUGS
29. HANDHOLE FOR ACTIVE PART LIFTING
30. THERMOMETER POCKET - R1" (SPARE)
31. GAS AND OIL ACTUATED RELAY FOR TRANSFORMER
32. TRANSFORMER PULLING EYES
33. OIL DRAIN VALVE FOR O.L.T.C. - 25 mm
34. OIL CONSERVATOR FOR O.L.T.C.
35. MAIN EARTHING TERMINAL (2 pcs.)
36. JACKING PAD
37. OIL DRAIN VALVE FOR O.L.T.C. CONSERVATOR - 25 mm
38. OIL DRAIN VALVE FOR CONSERVATOR - 25 mm
39. MOTOR DRIVE UNIT FOR O.L.T.C.
40. WHEEL
41. WHEEL ARRESTING DEVICE
42. LADDER WITH HANDRAIL
43. PRESSURE RELIEF DEVICE
44. CURRENT TRANSFORMER TERMINAL CT1
45. SILICAGEL BREATHER VALVE - 25 mm
46. SILICAGEL BREATHER FOR O.L.T.C.
47. OIL TEMPERATURE INDICATOR
48. WINDING TEMPERATURE INDICATOR
49. CURRENT TRANSFORMER TERMINAL CT1, CT2
50. OIL SAMPLING VALVE (TOP) -15 mm
51. GAS SAMPLING DEVICE
52. -
53. INSPECTION LADDER

LIFTING AND UNTANKING



H.V. TERMINAL



FOR TRANSPORT DISMOUNT :

1. CONSERVATOR WITH ADDITIONAL PARTS
2. H.V. BUSHINGS
3. COOLING RADIATORS
4. WHEELS

TRANSPORT DRAWING No.: B50669

TOTAL MASS :57600 kg
MASS OF OIL :14600 kg
UNTANKING MASS:31200 kg
TRANSPORT MASS:51000 kg

Client: UAB AXIS POWER LITHUANIA				Designed	Approved
				G.Franic	Adamic/Lampl
A	-	09.05.18.	Franic		
Rev.	Descript	Date	Sign.	Date: 2018-04-26	

Project: SS Palagnos
25/12.5/12.5 MVA/115±9x1.78%/10.5/10.5 kV/YNd11d11/ONAN

Title: OUTLINE DRAWING

Type Designation: TRN25000-123/DJ

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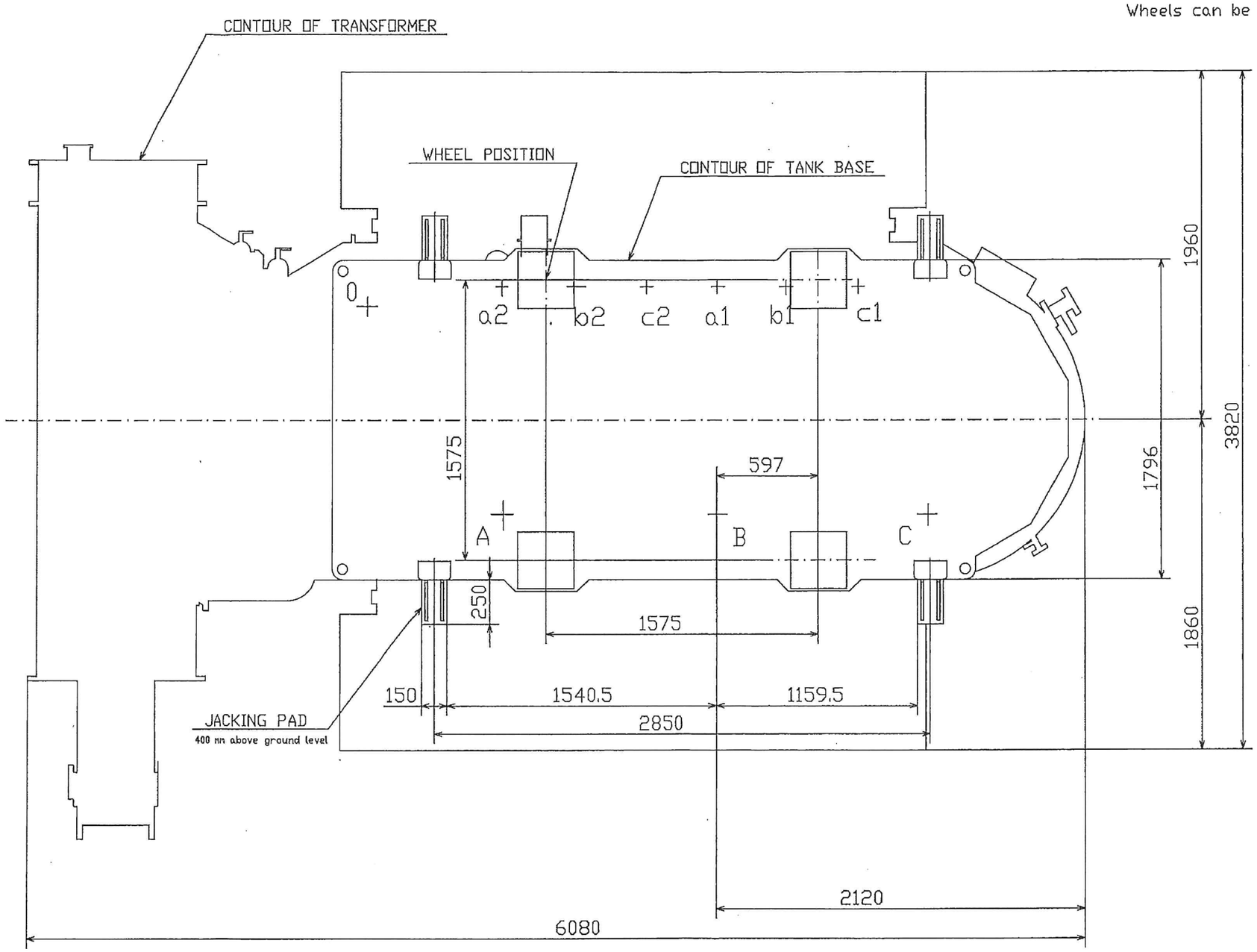
DWG. No. B50668

Rev A

Scale: 1:40 | Sheet: 1 | Sheets: 1

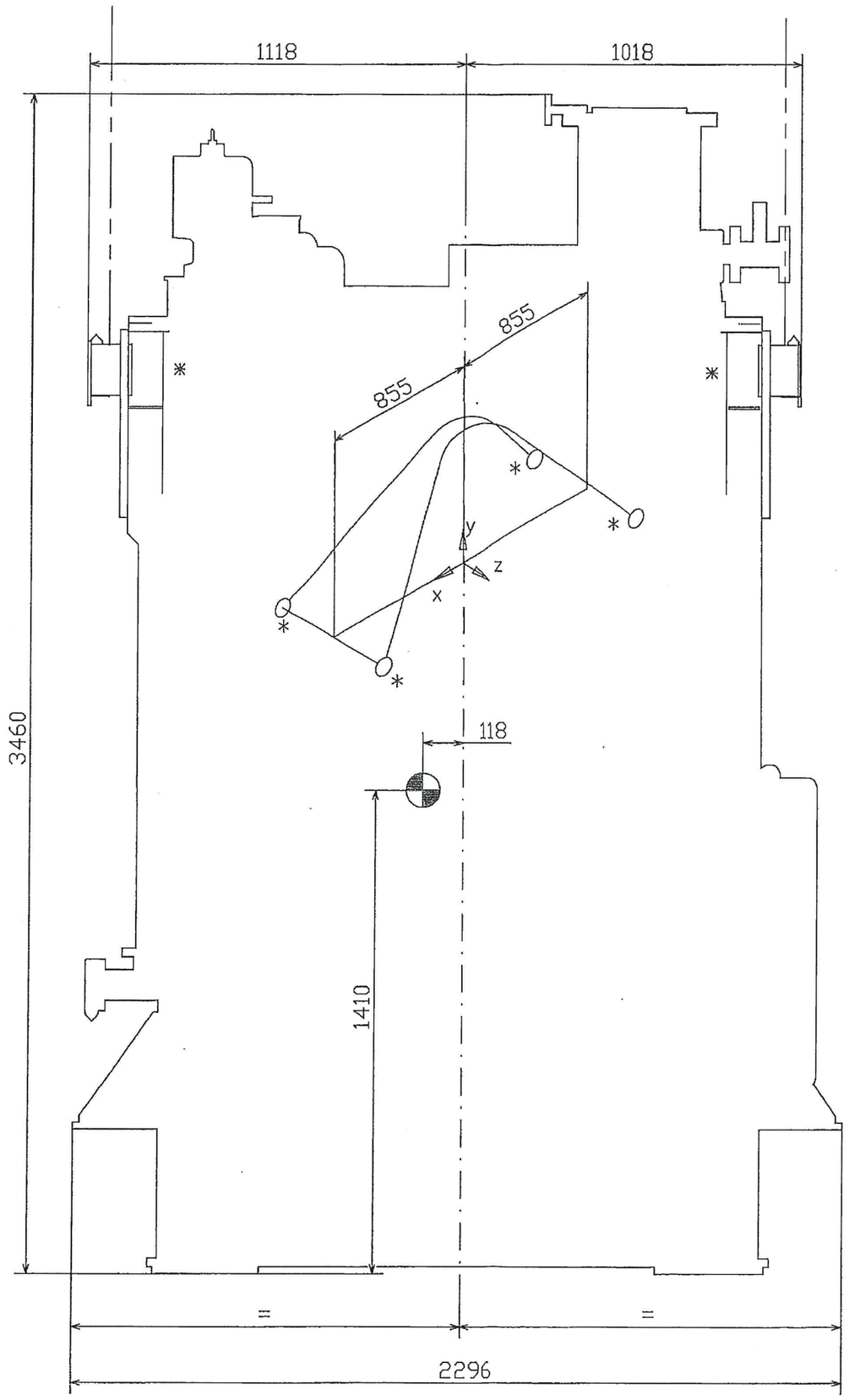
Remark:

Wheels can be rotated by 90°.



TOTAL LOAD ON FOUNDATION 576 kN

Client: UAB AXIS POWER LITHUANIA					Project: SS Palagnos 25/12.5/12.5 MVA/115±9x1.78%/10.5/10.5 kV/YNd11d11/ONAN
				Designed	Approved
				GFranic	Adanic/Lampi
A	-	17.05.2018.	Franic		Title: FOUNDATION DRAWING
Rev.	Descript	Date	Sign.	Date: 2018-04-26	Type Designation: TRN25000-123/DJ
KONCAR - DISTRIBUTIVNI I SPECIJALNI TRANSFORMATORI d.d. Mokroviceva 8, P.O.Box 6062, HR-10090 Zagreb,Hrvatska Telefon (+385 1) 37 83 732 Fax (+385 1) 37 94 030 www.koncar.com				KONČAR D&ST	DWG. No. B50670 Rev A
					Scale: 1:25 Sheet: 1 Sheets: 1



SIDE VIEW (YZ PLANE)

Transport length: 5920 mm
Transport mass: 51000 kg
Outline drawing No. B50668
* - Lifting provision

- Centre of gravity

Client: UAB AXIS POWER LITHUANIA					Project: SS Palagnos 25/12.5/12.5 MVA;115±9x1.78%/10.5/10.5 kV;YNd11d11;ONAN
				Designed	Approved
				G.Franic	Adamic/Lampl
A	-	17.05.2018.	Franic		
Rev.	Descript	Date	Sign.	Date: 2018-04-26	Title: TRANSPORT DRAWING
					Type Designation: TRN25000-123/DJ

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DWG. No. B50669 Rev A

Scale: 1:15 Sheet: 1 Sheets: 1

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GALIOS TRANSFORMATORIUS

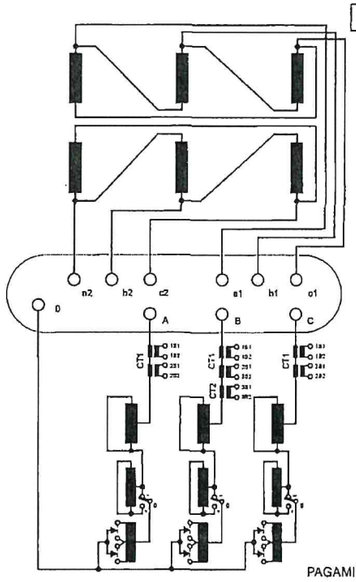
Tipas	TRN25000-123/DJ		Nr.	ET0955- 464003	Pagaminimo metai	2018.	
Dažnis	50 Hz		Fazių skaičius	3	Standartas	IEC 60076	
LI550 AC230-LI250 AC100	LI75 AC28	LI75 AC28	kV		Jungimo grupė	YNd11d11	
Vardinė galia	25000	12500	12500	kVA	Aušinimas	ONAN	

Padėtis	AĮ	Žį1	Žį2	AĮ	Žį1	Žį2	
1	133402	10500	10500	108.2	687.3	687.3	A
10	115000			125.5			
19	96598		V	149.4			

	AĮ-Žį1+Žį2 prie 25MVA	AĮ+Žį1 prie 12.5MVA	AĮ+Žį2 prie 12.5MVA		
Trumpo jungimo įtampa	10,32 %	9,33 %	9,33 %	P_{co}	0 kW
PEI 0,99701 pu	k_{PEI} 0,32892 pu	P_o 12,29 kW		P_k	113,6 kW
Apvijų medžiaga	VARIS	Masė laidininko	7.0 t	Pagrindinė medžiaga	GOES
Alyvos tipas	ERGON HYVOLT III			Aktyviosios dalies svoris	31.2 t
Transportavimo svoris	51.0 t	Alyvos svoris	14.6 t	Bendras svoris	57.6 t

450

Terminis atsparumas pagal IEC 60076-5-4S



Padėtis	Aukšta įtampa		Žema įtampa 1		Žema įtampa 2	
	Įtampa(V)	Srovė (A)	Įtampa(V)	Srovė (A)	Įtampa(V)	Srovė (A)
1	133402	108.2	10500	687.3	10500	687.3
2	131368	109.9				
3	129313	111.6				
4	127268	113.4				
5	125224	115.3				
6	123179	117.2				
7	121134	119.2				
8	119089	121.2				
9	117045	123.3				
10	115000	125.5				
11	112955	127.8				
12	110911	130.1				
13	108866	132.6				
14	106821	135.1				
15	104777	137.8				
16	102732	140.5				
17	100687	143.4				
18	98642	146.3				
19	96598	149.4				

Srovės transformatoriai:
CT1 - 200/1/1A; 30/30VA; 5P30/5P30
CT2 - 150/2A; 10VA; cl.3Fs5

PAGAMINTA KROATIJOJE

297

MATERIAL: ALUMINIUM 2mm

Client	Project
UAB AXIS POWER, Lithuania	SS PALANGOS

Rev.	Descript	Date	Sign.	Designed	Approved
B		2018.09.13.		ing.Petrič	ing.Valeščić
A		2018.05.10.		Date 2018.05.03.	

Title: **RATING PLATE**

KONČAR-DISTRIBUTION AND SPECIAL TRANSFORMERS Inc.
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E-mail: sales.sol@koncar-dst.hr, Internet: www.koncar-dst.hr

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DWG No	Rev.
B 4 8 6 4 5	B

Scale:	Sheet	Sheets

1998-10-30
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