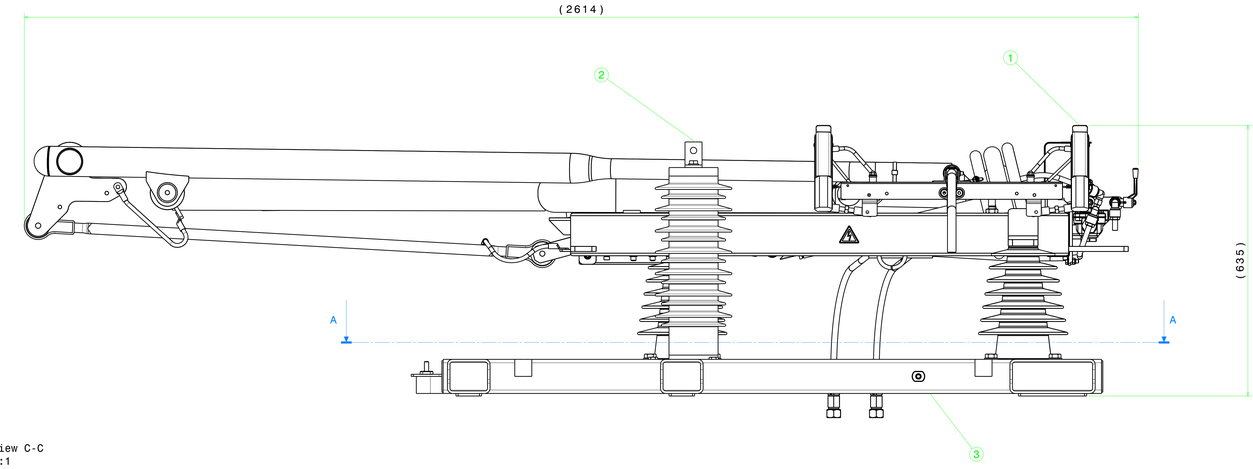
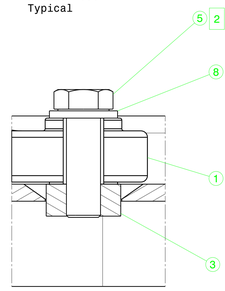
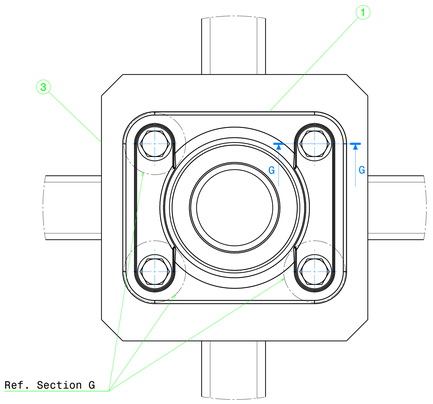


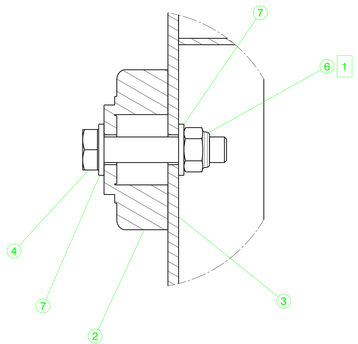
Section view G-G
Scale: 1:1
Typical



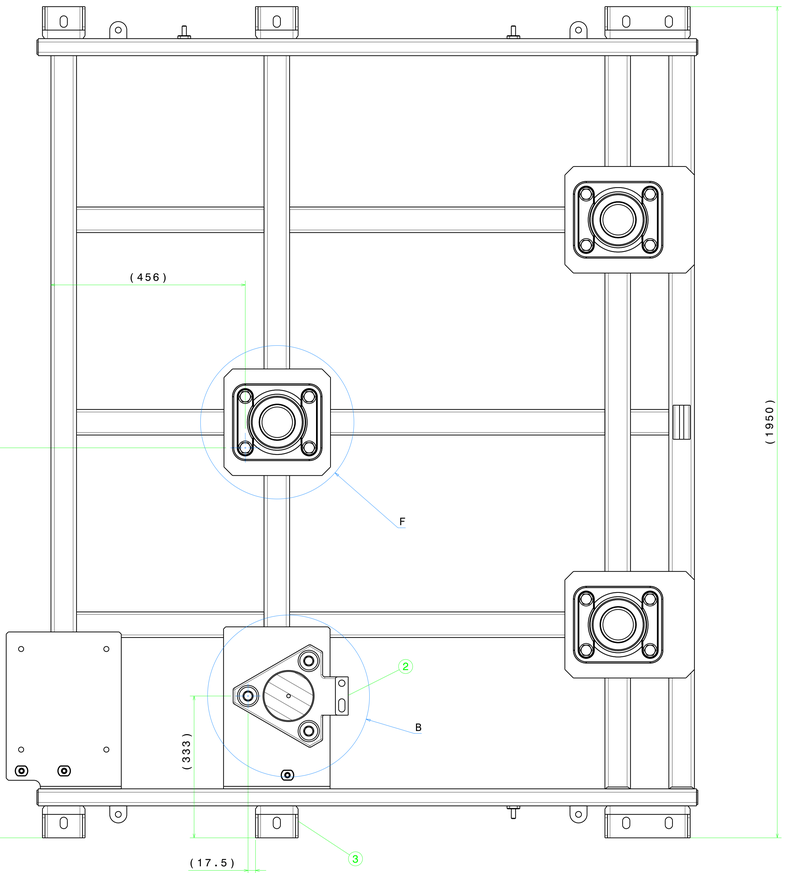
Detail F
Scale: 1:2
Typical



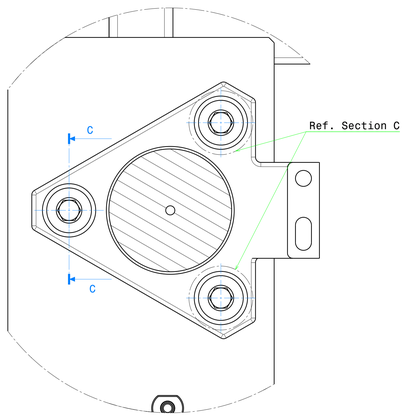
Section view C-C
Scale: 1:1
Typical



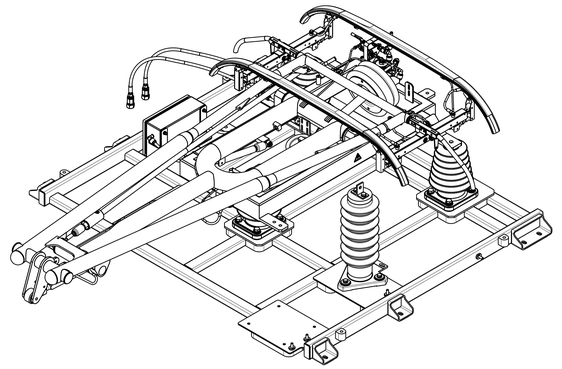
Section view A-A



Detail B
Scale: 1:2



Isometric view



Ref	Torque Nm
1	89
2	221

Sign Screws or nuts with paint mark yellow

No	Parça Adý Designation Name of Item	Adet Qty.	Resim No / Norm Drawing No / Norm	Malzeme Material	Ölçü Dimension	Ağırlık Weight [Kg]
8	UNI 8836 For M16	12	SP.03015-006JB	8.8	-	-
7	ISO 7089 For M12	6	SP.03002-007JB	8.8	-	-
6	All metal Self-Locking ISO 7042 M12	3	SP.02014-005JB	8.8	-	-
5	ISO-4017 M16x50	12	SP.01004-095JB	8.8	-	-
4	ISO-4017 M12x60	3	SP.01004-058JB	8.8	-	-
3	Pantograph_Integrameter_Surge_Arrester_Frame	1	GZ11.07.22.10000	-	-	107,533kg
2	Surge_Arrester	1	GZ11.26.10.00000	-	-	15,7kg
1	Pantograph	1	GZ11.26.04.00000	-	-	150kg
						275,1

ISO 21920-1	ISO 8015	ISO 2553	General Tol.	ISO 2768	f ☐	m ☐	K ☐	
EN 15085-2 Certification Level	CL1 ☐	CL2 ☐	Weld Pro.	ISO 13920	A ☐	B ☐	C ☐	
	CL3 ☐		Cast Steel	ISO 12708	Lm2 ☐	Lr2 ☐	Sm2 ☐	Sr2 ☐

Approved	L.Giovinazzo	14/04/2023	Scale	1:5
Checked	M.Borlo	14/04/2023		
Prepared	M.Cojocaru	14/04/2023		

TURASAS
Turkish Railway Vehicles Industry Inc.

Pantograph_Integr_Surge_Arrester_Complete
-

GZ11.07.22.01000

TYP
Date: 14/04/2023
Sheet : 1/1
Size:A0
Rev: 00

Technical Specifications					
Technical Document					
Fixture/Mould Asset ID					
Coating/Heat Tre./Roughness					
Paint/Color	-	Modf. No	Modification Description	Date	Sign

ISO 13920 Welded Construction	ISO 286 General Tolerances	ISO 12708 Steel Casting
<1000	6,0	0,8
<630	4,0	0,7
<400	3,0	0,6
<250	3,0	0,4
100	2,0	0,3
40	1,5	0,2
L mm	Hert	Yýl
Nom. Size	Class	
<4000	2,0	0,4
<2000	1,2	0,4
<1000	0,8	0,3
<400	0,5	0,3
30-120	0,3	0,2
2-30	0,2	0,1
L mm	m	K
Nom. Size	Class	
>20000	9,0	8,0
<20000	8,0	7,0
<16000	7,0	6,0
<12000	6,0	5,0
<8000	5,0	4,0
<4000	4,0	3,0
<2000	3,0	2,0
<1000	2,0	1,5
<400	1,0	1,0
30-120	1,0	0,5
2-30	1,0	0,5
L mm	A	E
Nom. Size	Class	

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