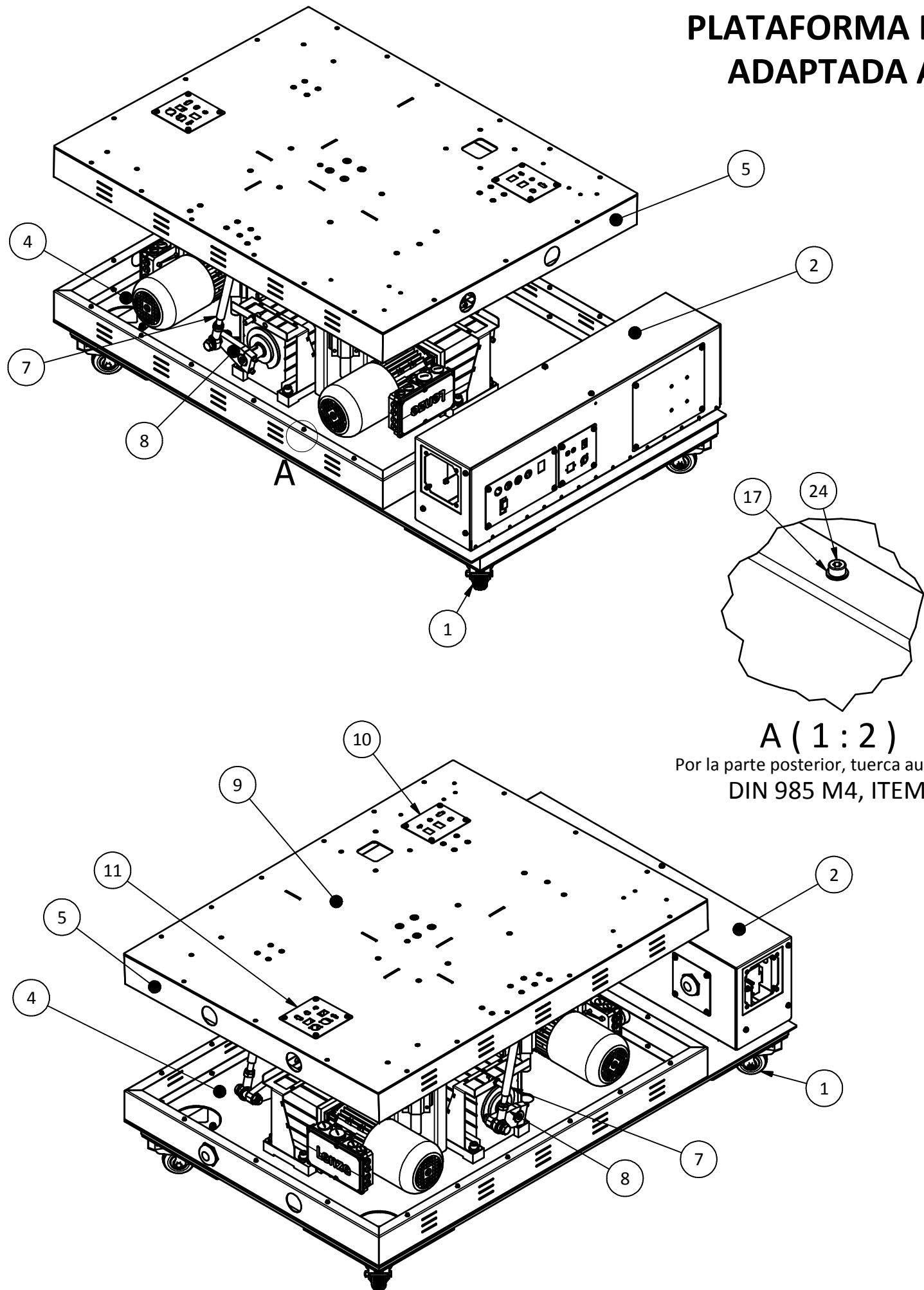


PLATAFORMA DE MOVIMIENTO
ADAPTADA A SIMESTRUCK



A (1:2)
Por la parte posterior, tuerca autoblocante
DIN 985 M4, ITEM 27

ITEM	QTY	PART NUMBER	DESCRIPTION	ID Ref.
1	4	3477 UVH 080 P62	3477 UVH 080 P62 - Lenkrollen mit Feststeller	
2	1	3DOF250-03-CAEQ02	Caja de electrónica	
3	3	3DOF250-V002-ACOCARPE001	Acoplador a cardan Anticardan plato A-PC-105. Chapa 1.5mm. ID Ref: 1012	1012
4	1	3DOF250-V002-BSTR004	Cuerpo de la plataforma de movimiento 3DOF250	
5	1	3DOF250-V002-SOPFUETS001	Estructura soporte del fuelle. Conjunto soldado	1009
6	1	3DOF250-V003-AROT001	Antirrotación, conjunto	
7	3	3DOF250-V003-EMPC001	Empujador roscado conjunto	
8	3	3DOF250-V003-LEVA001	Leva, conjunto	
9	1	3DOF250-V003-SMES03	Conjunto Soldado Mesa. ID Ref: 1147	1147
10	1	3DOF250-V003-TAPAD003	Interfaces registro palanca cinturón, chapa 1.5 mm	1407
11	1	3DOF250-V003-TAPED003	Caja equipos, registro pedales columna salpicadero, chapa 1.5 mm	1408
12	3	Articardan_cruz_A-CC-105	Cruz cardan 105	
13	1	Articardan_cruz_A-CC-131	Cruz cardan 131	
14	3	Articardan_plato_A-PC-105	Plato cardan A-PC-105	
15	1	Articardan_plato_A-PC-131-L	Plato cardan A-PC-131-L	
16	9	DIN 125 - A 10,5	Washer	
17	36	DIN 125 - A 4,3	Washer	
18	20	DIN 125 - A 6,4	Washer	
19	32	DIN 125 - A 8,4	Washer	
20	8	DIN 7380 - M6 x 16 P	Hexagon Socket Button Head Screw - Product grade A	
21	4	DIN 7991 - M10x30	Hexagon socket countersunk head cap screws	
22	18	DIN 7991 - M4x16	Hexagon socket countersunk head cap screws	
23	12	DIN 7991 - M6x25	Hexagon socket countersunk head cap screws	
24	36	DIN 912 - M4 x 12	Cylinder Head Cap Screw	
25	16	DIN 912 - M8 x 20	Cylinder Head Cap Screw	
26	9	DIN 985 - M10	Hex Nut	
27	36	DIN 985 - M4	Hex Nut	
28	12	DIN 985 - M6	Hex Nut	
29	16	DIN 985 - M8	Hex Nut	
30	3	IA0175 - IAS-10-A12-S-Y5 con tuercas	Sensor inductivo Contaval Rechner Sensors	

SCALE:	Planos Ensamblaje Plataforma 3DOF250	DRAWN: Sergio Torremocha	12/03/2014
		CHECKED: Carlos Ruiz MADrigal	23/07/2014
		DWG NO:	3DOF250-GLD-03-ENS02
REV	SIZE	SHEET	
	A3	1/9	

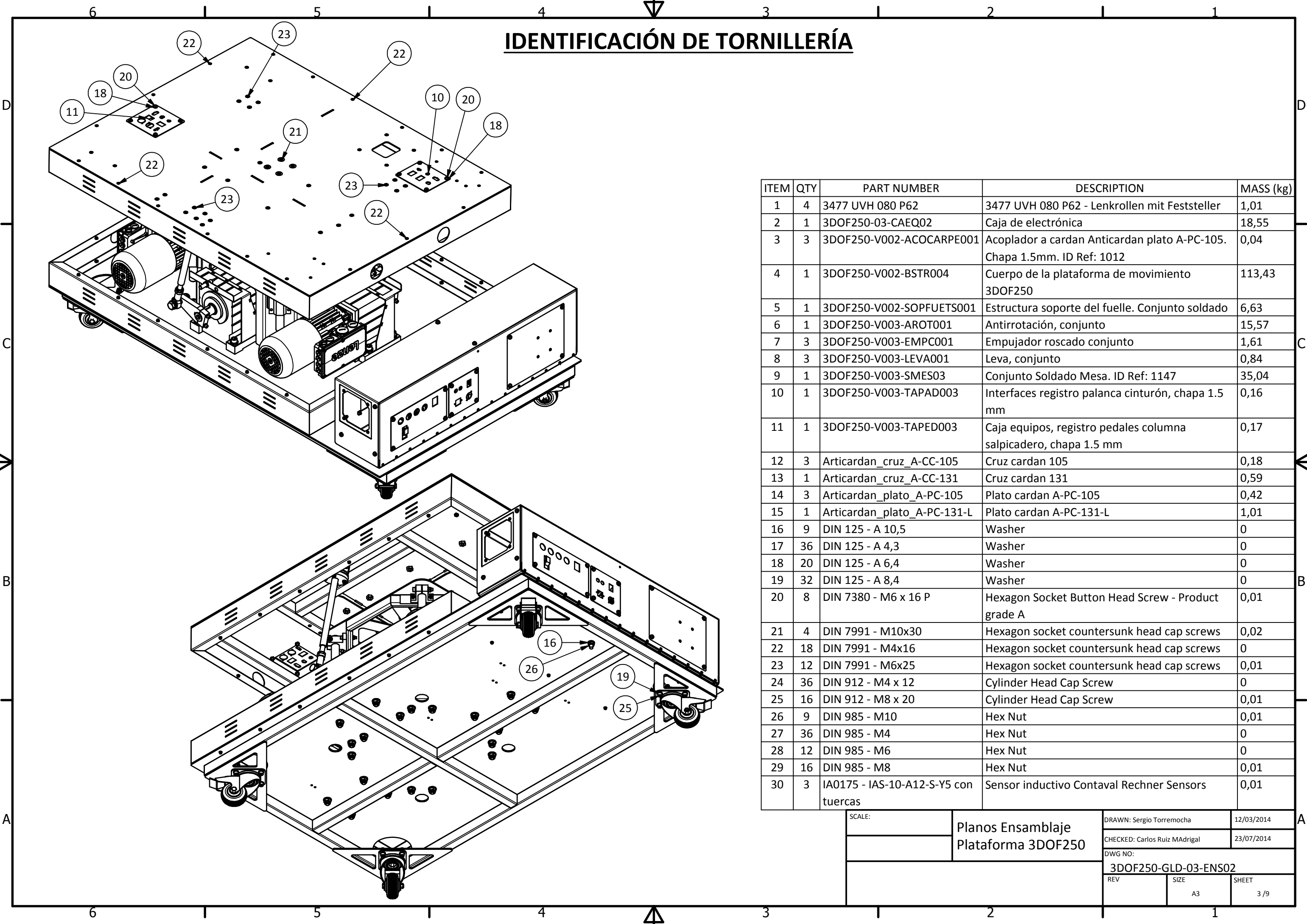
Technical drawing of a machine, likely a conveyor or transport system, showing a side view. The machine consists of a base frame with two wheels at the bottom. A central motor unit, labeled "Lenze", is mounted on the frame. Above the motor, there is a horizontal structure with rollers or guides. The drawing includes dimension lines and labels: "A" indicates the width of the base frame, "B" indicates the width of the upper structure, and "C" indicates the height of the base frame. The motor unit is labeled "Lenze".

The image displays three technical cross-sections of a mechanical assembly, labeled A-A, B-B, and C-C, each with a scale of 1:12. Each section includes a detailed view of the assembly and a corresponding detail view (A, B, and C respectively) showing a specific component at a larger scale of 1:4.

- A-A (1:12):** This section shows a side view of the assembly. The detail view A (1:4) shows a component (14) mounted on a base (5) with a vertical rod (7) passing through it.
- B-B (1:12):** This section shows a side view of the assembly. The detail view B (1:4) shows a component (14) mounted on a base (5) with a vertical rod (7) passing through it.
- C-C (1:12):** This section shows a side view of the assembly. The detail view C (1:4) shows a component (14) mounted on a base (5) with a vertical rod (7) passing through it.

The drawings are labeled with numbers 1 through 15, indicating specific components and features. The detail views A, B, and C are labeled with numbers 14, 15, and 16 respectively, indicating the specific components shown in the detail views.

SCALE:	Planos Ensamblaje Plataforma 3DOF250	DRAWN: Sergio Torremocha	12/03/2014
		CHECKED: Carlos Ruiz MADrigal	23/07/2014
		DWG NO:	
		3DOF250-GLD-03-ENS02	
		REV	SIZE
			A3
		SHEET	
		2 / 9	

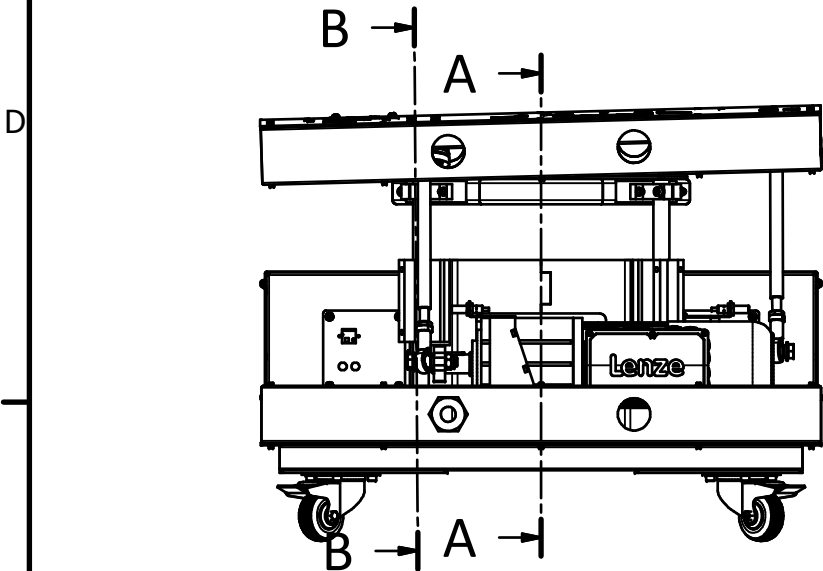


IDENTIFICACIÓN DE TORNILLERÍA

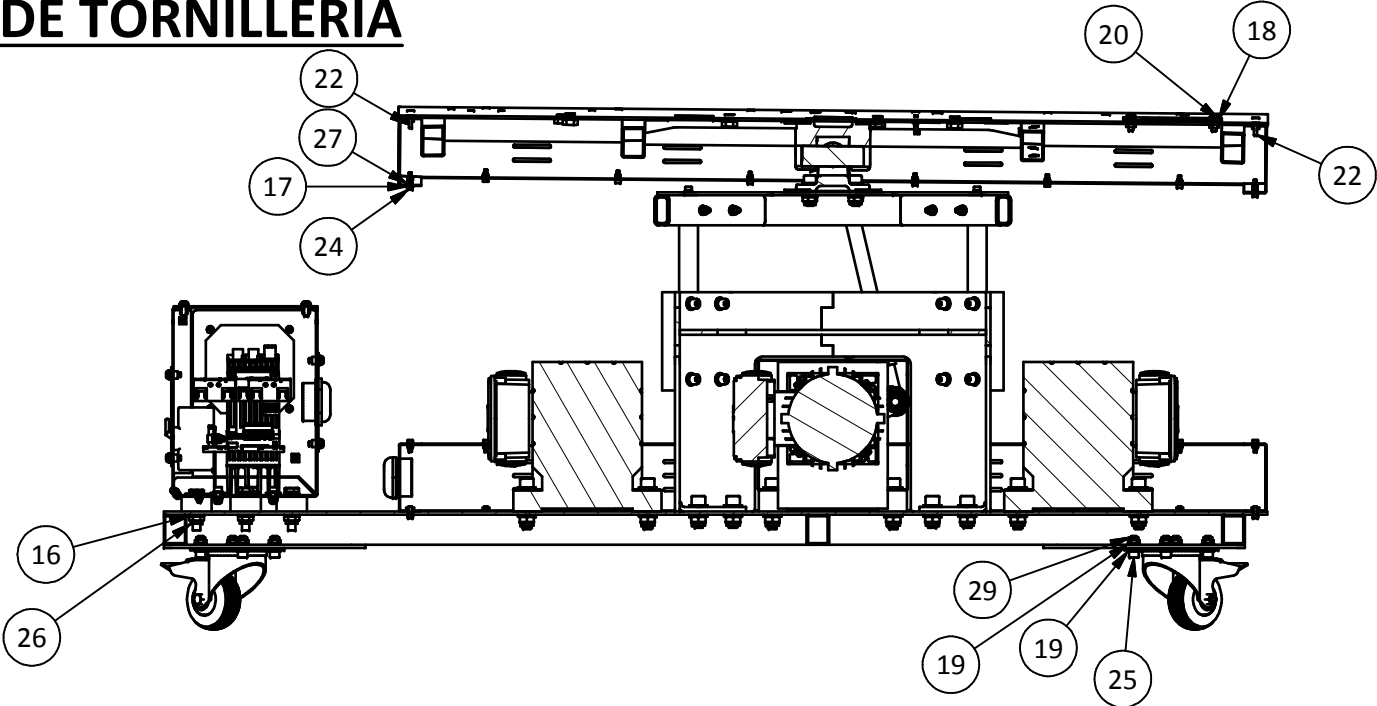
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS (kg)
1	4	3477 UVH 080 P62	3477 UVH 080 P62 - Lenkrollen mit Feststeller	1,01
2	1	3DOF250-03-CAEQ02	Caja de electrónica	18,55
3	3	3DOF250-V002-ACOCARPE001	Acoplador a cardan Anticardan plato A-PC-105. Chapa 1.5mm. ID Ref: 1012	0,04
4	1	3DOF250-V002-BSTR004	Cuerpo de la plataforma de movimiento 3DOF250	113,43
5	1	3DOF250-V002-SOPFUETS001	Estructura soporte del fuelle. Conjunto soldado	6,63
6	1	3DOF250-V003-AROT001	Antirrotación, conjunto	15,57
7	3	3DOF250-V003-EMPC001	Empujador roscado conjunto	1,61
8	3	3DOF250-V003-LEVA001	Leva, conjunto	0,84
9	1	3DOF250-V003-SMES03	Conjunto Soldado Mesa. ID Ref: 1147	35,04
10	1	3DOF250-V003-TAPAD003	Interfaces registro palanca cinturón, chapa 1.5 mm	0,16
11	1	3DOF250-V003-TAPED003	Caja equipos, registro pedales columna salpicadero, chapa 1.5 mm	0,17
12	3	Articardan_cruz_A-CC-105	Cruz cardan 105	0,18
13	1	Articardan_cruz_A-CC-131	Cruz cardan 131	0,59
14	3	Articardan_plato_A-PC-105	Plato cardan A-PC-105	0,42
15	1	Articardan_plato_A-PC-131-L	Plato cardan A-PC-131-L	1,01
16	9	DIN 125 - A 10,5	Washer	0
17	36	DIN 125 - A 4,3	Washer	0
18	20	DIN 125 - A 6,4	Washer	0
19	32	DIN 125 - A 8,4	Washer	0
20	8	DIN 7380 - M6 x 16 P	Hexagon Socket Button Head Screw - Product grade A	0,01
21	4	DIN 7991 - M10x30	Hexagon socket countersunk head cap screws	0,02
22	18	DIN 7991 - M4x16	Hexagon socket countersunk head cap screws	0
23	12	DIN 7991 - M6x25	Hexagon socket countersunk head cap screws	0,01
24	36	DIN 912 - M4 x 12	Cylinder Head Cap Screw	0
25	16	DIN 912 - M8 x 20	Cylinder Head Cap Screw	0,01
26	9	DIN 985 - M10	Hex Nut	0,01
27	36	DIN 985 - M4	Hex Nut	0
28	12	DIN 985 - M6	Hex Nut	0
29	16	DIN 985 - M8	Hex Nut	0,01
30	3	IA0175 - IAS-10-A12-S-Y5 con tuercas	Sensor inductivo Contaval Rechner Sensors	0,01

SCALE:	Planos Ensamblaje Plataforma 3DOF250	DRAWN: Sergio Torremocha		12/03/2014
		CHECKED: Carlos Ruiz MADrigal		23/07/2014
		DWG NO:		
		3DOF250-GLD-03-ENS02		
		REV	SIZE	SHEET
		A3	3 /9	

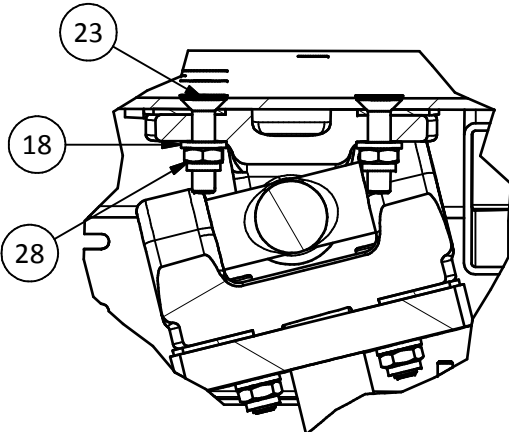
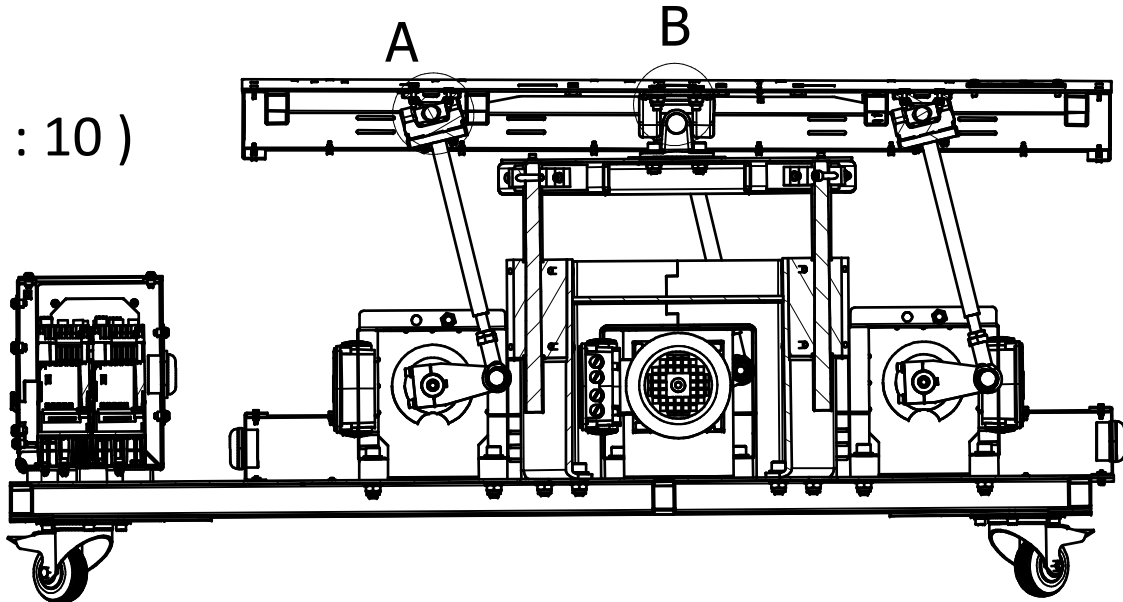
IDENTIFICACIÓN DE TORNILLERÍA



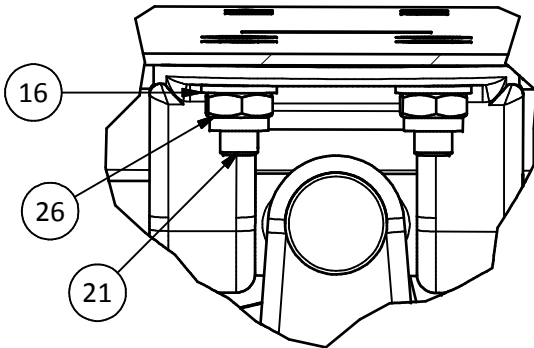
A-A (1 : 10)



B-B (1 : 10)



A (1 : 2)



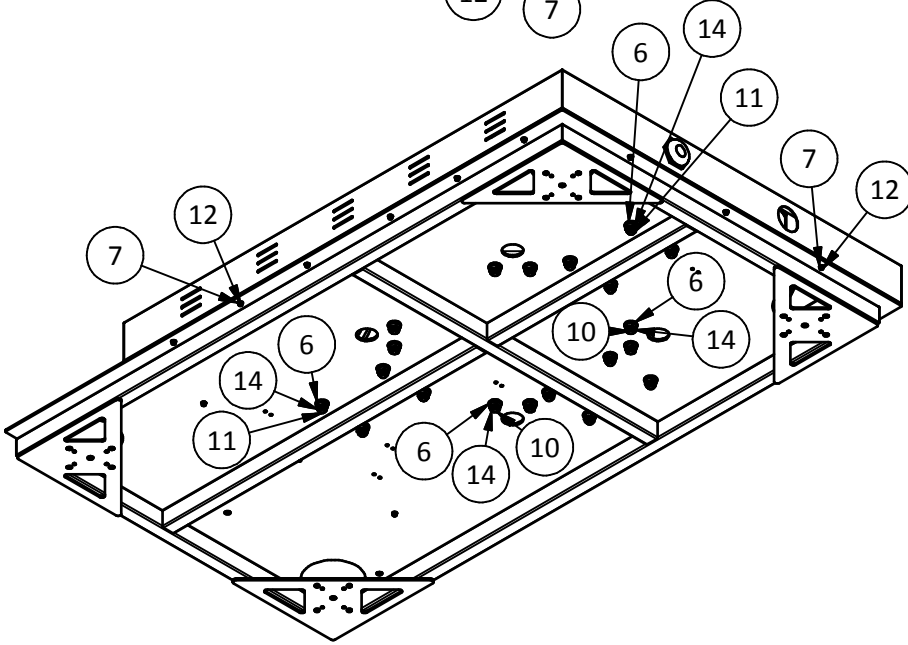
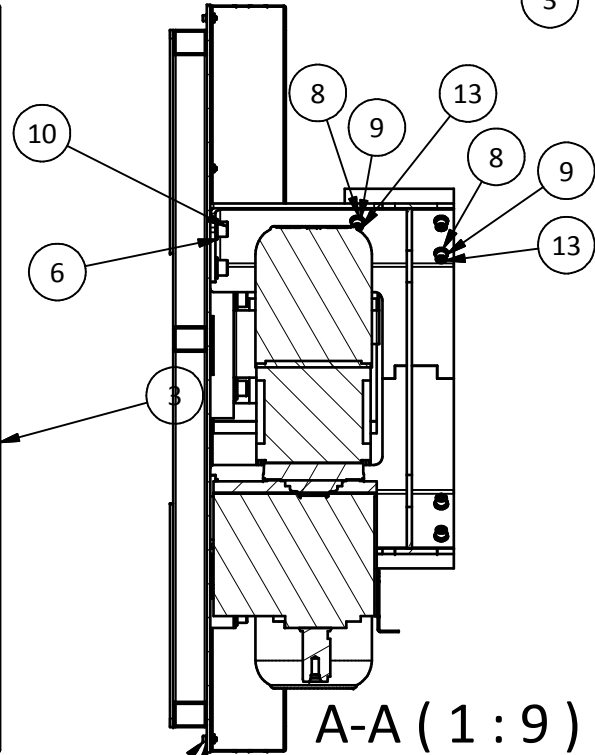
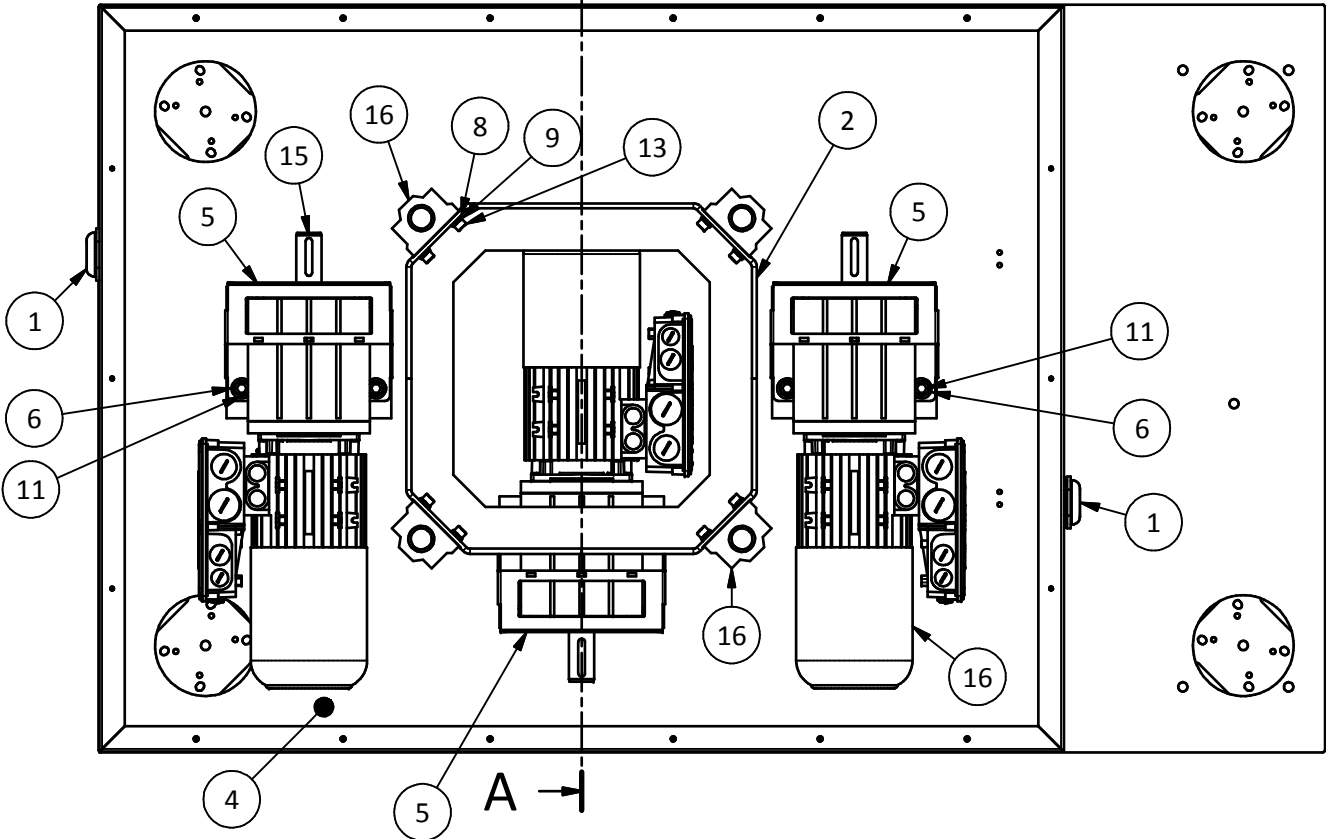
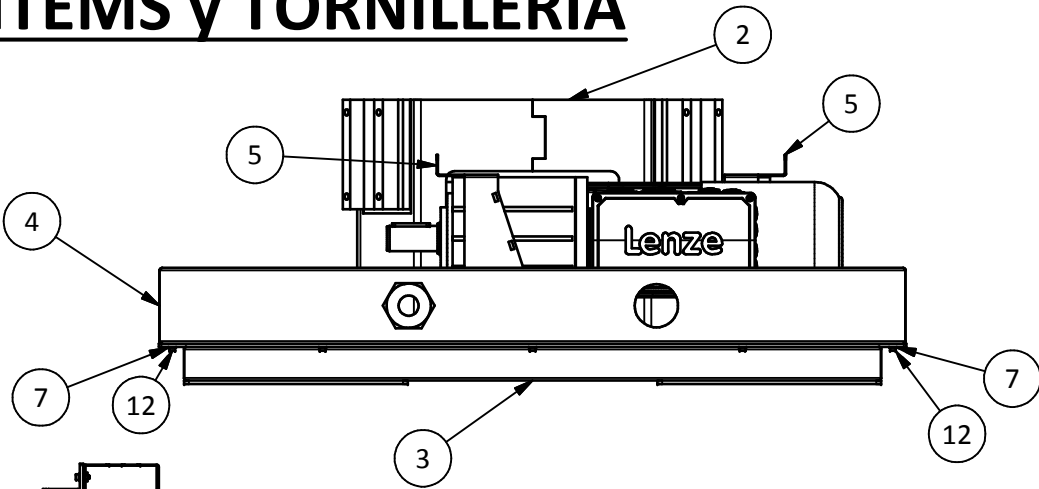
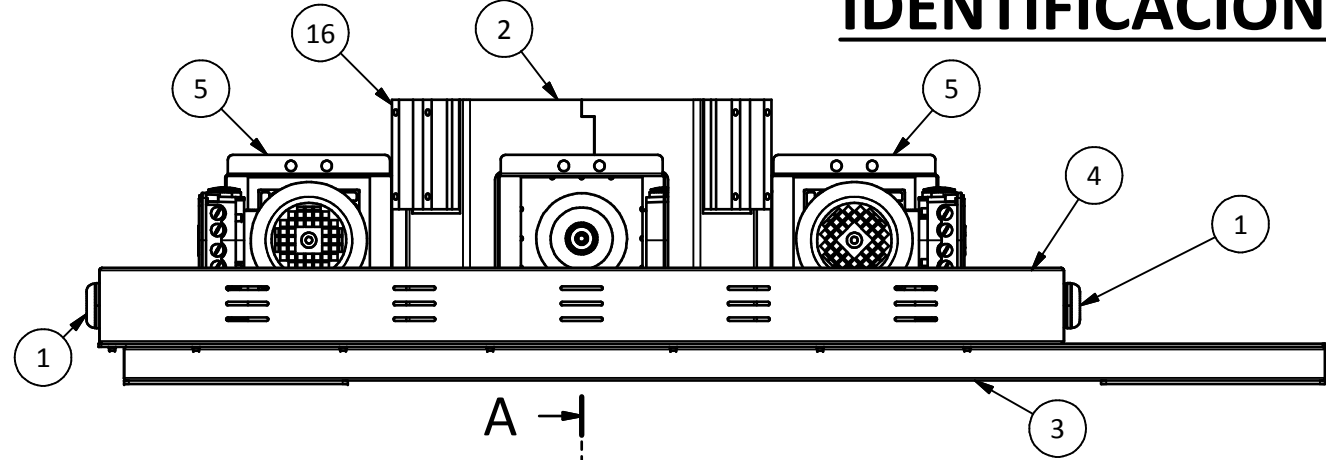
B (1 : 2)

ITEM	QTY	PART NUMBER	DESCRIPTION	MASS (kg)
1	4	3477 UVH 080 P62	3477 UVH 080 P62 - Lenkrollen mit Feststeller	1,01
2	1	3DOF250-03-CAEQ02	Caja de electrónica	18,55
3	3	3DOF250-V002-ACOCARPE001	Acoplador a cardan Anticardan plato A-PC-105. Chapa 1.5mm. ID Ref: 1012	0,04
4	1	3DOF250-V002-BSTR004	Cuerpo de la plataforma de movimiento 3DOF250	113,43
5	1	3DOF250-V002-SOPFUETS001	Estructura soporte del fuelle. Conjunto soldado	6,63
6	1	3DOF250-V003-AROT001	Antirrotación, conjunto	15,57
7	3	3DOF250-V003-EMPC001	Empujador roscado conjunto	1,61
8	3	3DOF250-V003-LEVA001	Leva, conjunto	0,84
9	1	3DOF250-V003-SMES03	Conjunto Soldado Mesa. ID Ref: 1147	35,04
10	1	3DOF250-V003-TAPAD003	Interfaces registro palanca cinturón, chapa 1.5 mm	0,16
11	1	3DOF250-V003-TAPED003	Caja equipos, registro pedales columna salpicadero, chapa 1.5 mm	0,17
12	3	Articardan_cruz_A-CC-105	Cruz cardan 105	0,18
13	1	Articardan_cruz_A-CC-131	Cruz cardan 131	0,59
14	3	Articardan_plato_A-PC-105	Plato cardan A-PC-105	0,42
15	1	Articardan_plato_A-PC-131-L	Plato cardan A-PC-131-L	1,01
16	9	DIN 125 - A 10,5	Washer	0
18	20	DIN 125 - A 6,4	Washer	0
19	32	DIN 125 - A 8,4	Washer	0
21	4	DIN 7991 - M10x30	Hexagon socket countersunk head cap screws	0,02
22	18	DIN 7991 - M4x16	Hexagon socket countersunk head cap screws	0
23	12	DIN 7991 - M6x25	Hexagon socket countersunk head cap screws	0,01
25	16	DIN 912 - M8 x 20	Cylinder Head Cap Screw	0,01
26	9	DIN 985 - M10	Hex Nut	0,01
28	12	DIN 985 - M6	Hex Nut	0
29	16	DIN 985 - M8	Hex Nut	0,01
30	3	IA0175 - IAS-10-A12-S-Y5 con tuercas	Sensor inductivo Contaval Rechner Sensors	0,01
20	8	DIN 7380 - M6 x 16 P	Hexagon Socket Button Head Screw - Product grade A	0,01
17	36	DIN 125 - A 4,3	Washer	0
24	36	DIN 912 - M4 x 12	Cylinder Head Cap Screw	40
27	36	DIN 985 - M4	Hex Nut	0

SCALE:	Planos Ensamblaje Plataforma 3DOF250	DRAWN: Sergio Torremocha	12/03/2014
		CHECKED: Carlos Ruiz MADrigal	23/07/2014
		DWG NO:	3DOF250-GLD-03-ENS02
REV	SIZE	SHEET	
	A3	4 / 9	

Cuerpo de la plataforma de movimiento 3DOF250

IDENTIFICACIÓN DE ITEMS Y TORNILLERÍA



3DOF250-V002-BSTR004 (1 : 9)

ITEM	QTY	PART NUMBER	DESCRIPTION	MASS (kg)
1	2	159 7050 699 02 M=50 d=30	Prensaestopa Skiffy Serie 159-1	0,05
2	1	3DOF250-V001-TORR003	Torre antirrotación, conjunto soldado.	15,39
3	1	3DOF250-V002-ESTB004	Conjunto soldado del suelo. Chapas mas estructura tubular	56,14
4	1	3DOF250-V002-SOPFUETS001	Estructura soporte del fuelle. Conjunto soldado	6,63
5	3	3DOF250-V002-SPFC001	Soporte fin de carrera, espesor 1.5 mm.	0,49
6	40	DIN 125 - A 13	Washer	0,01
7	18	DIN 125 - A 4,3	Washer	0
8	16	DIN 125 - A 8,4	Washer	0
9	16	DIN 127 - A 8	Spring Washer	0
10	8	DIN 912 - M12 x 30	Cylinder Head Cap Screw	0,05
11	12	DIN 912 - M12 x 55	Cylinder Head Cap Screw	0,07
12	18	DIN 912 - M4 x 12	Cylinder Head Cap Screw	0
13	16	DIN 912 - M8 x 30	Cylinder Head Cap Screw	0,02
14	20	DIN 985 - M12	Hex Nut	0,02
15	3	GST06-2M VBR 071C42	Motor Lenze GST06-2M VBR 071C42 con freno 08	31,4
16	4	SCS25LUU	Rodamiento Lineal ZNT	0,35

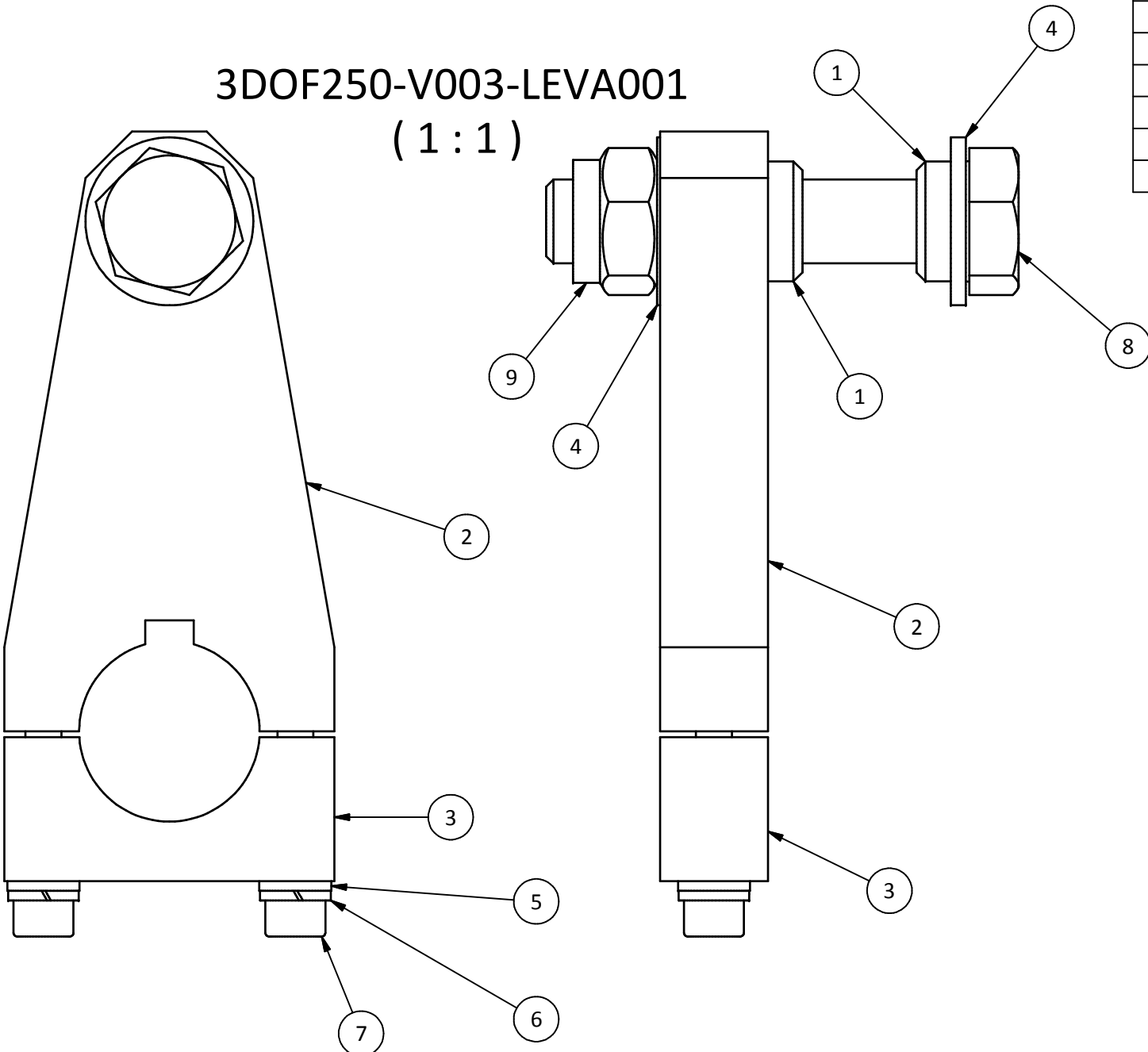
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		CHECKED: Carlos Ruiz MADrigal		23/07/2014
		DWG NO:		
		3DOF250-GLD-03-ENS02		
		REV	SIZE	SHEET
			A3	5 /9

Leva y Empujador

IDENTIFICACIÓN DE ITEMS y TORNILLERÍA

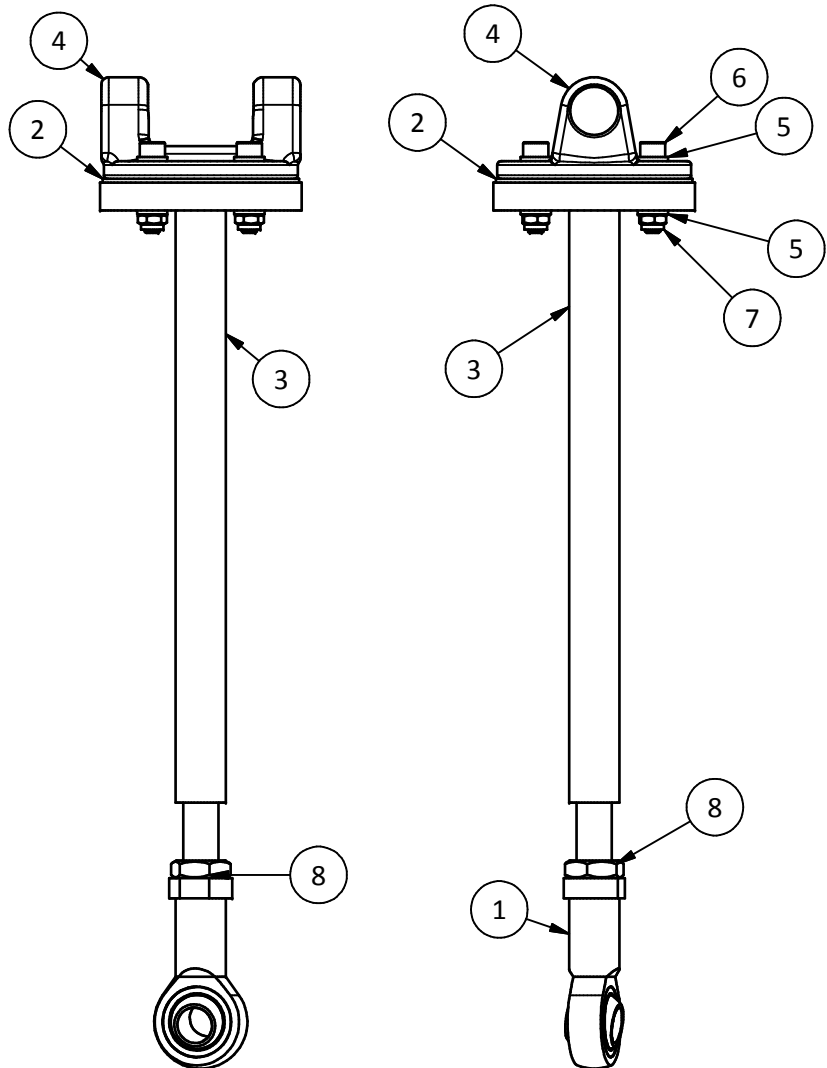
3DOF250-V003-LEVA001

(1 : 1)



ITEM	QTY	PART NUMBER	DESCRIPTION	MASS (kg)
1	2	3DF-V016-CASQ001	Casquillo acero inoxidable	0,01
2	1	3DOF250-V001-LEVA002	Leva	0,52
3	1	3DOF250-V001-LEVF001	Fijación de Leva	0,13
4	2	DIN 125 - A 15	Washer	0,01
5	2	DIN 125 - A 6,4	Washer	0
6	2	DIN 127 - A 6	Spring Washer	0
7	2	DIN 912 - M6 x 40	Cylinder Head Cap Screw	0,01
8	1	DIN 933 - M14 x 70	Hex-Head Bolt	0,11
9	1	DIN 985 - M14	Hex Nut	0,03

ITEM	QTY	PART NUMBER	DESCRIPTION	MASS (kg)
1	1	3DOF250-03-CART-GIKSL14-PS		0,02
2	1	3DOF250-V002-ACOCARPE001	Acoplador a cardan Anticardan plato A-PC-105. Chapa 1.5mm. ID Ref: 1012	0,04
3	1	3DOF250-V002-EMPS001	Empujador, soldado	1,06
4	1	Articardan_plato_A-PC-105	Plato cardan A-PC-105	0,42
5	8	DIN 125 - A 6,4	Washer	0
6	4	DIN 912 - M6 x 30	Cylinder Head Cap Screw	0,01
7	4	DIN 985 - M6	Hex Nut	0
8	1	ISO 4035 - M14	Hexagon thin nuts (chamfered) - Product grades A and B	0,01



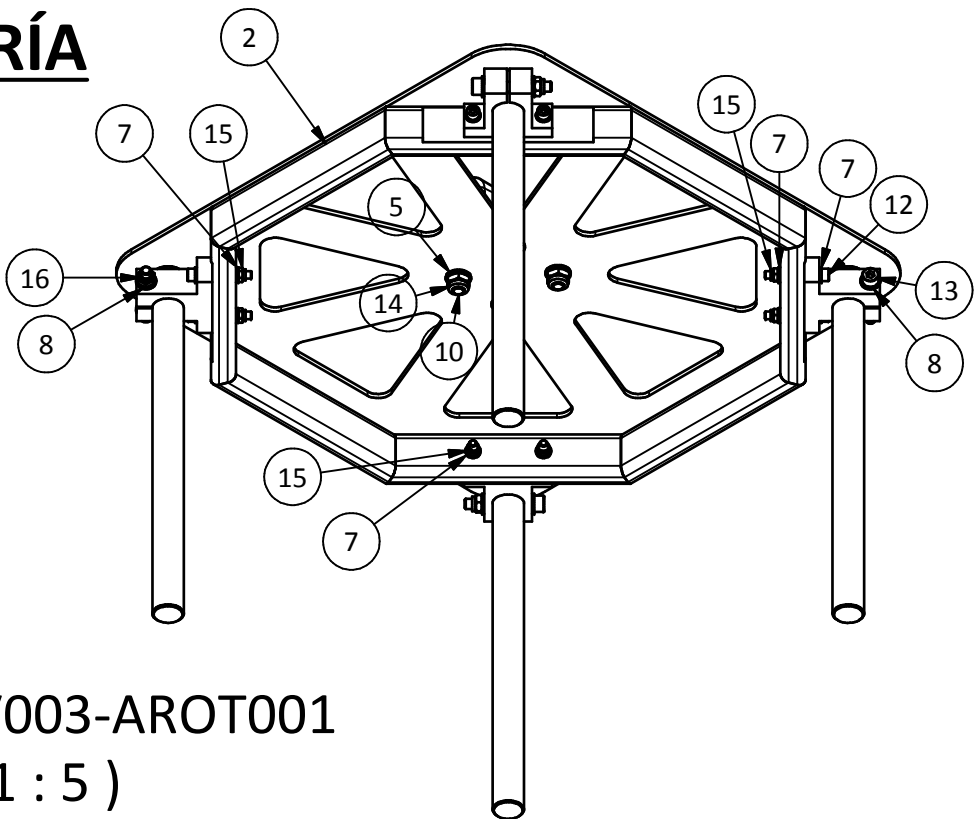
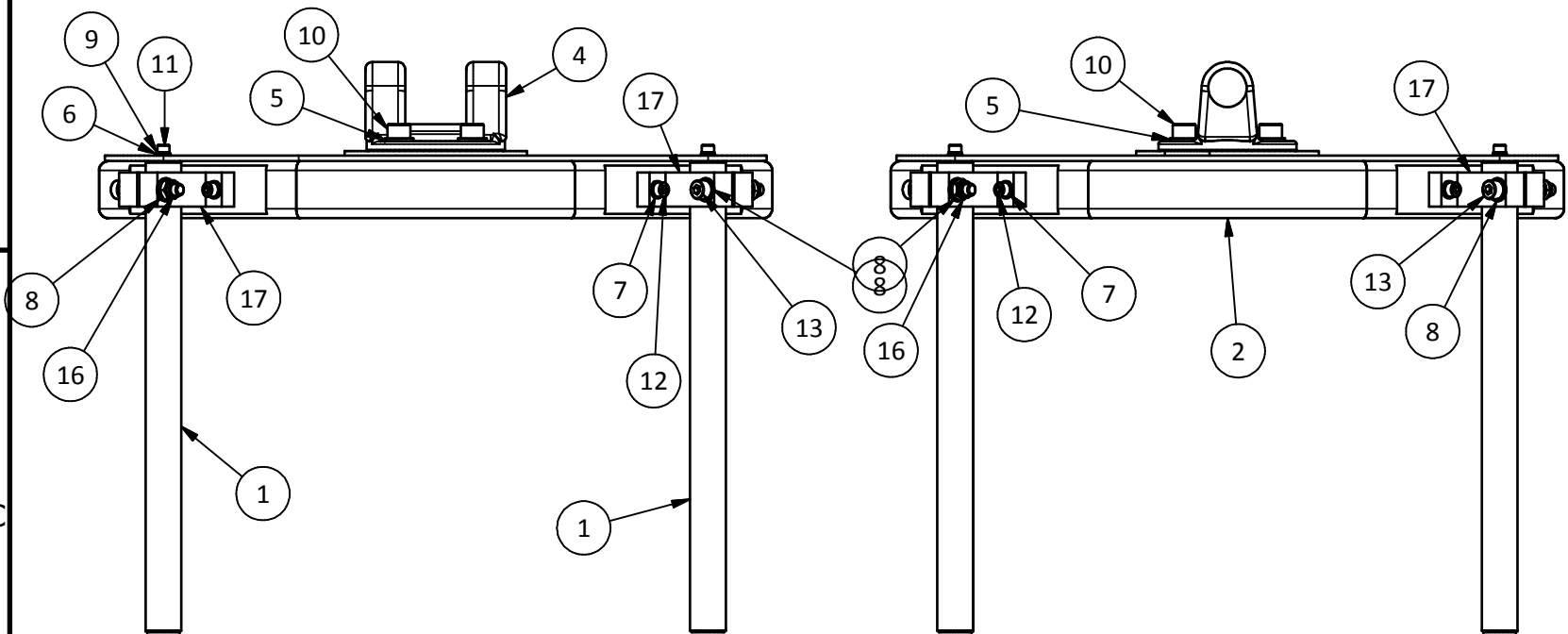
3DOF250-V003-EMPC001

(1 : 3)

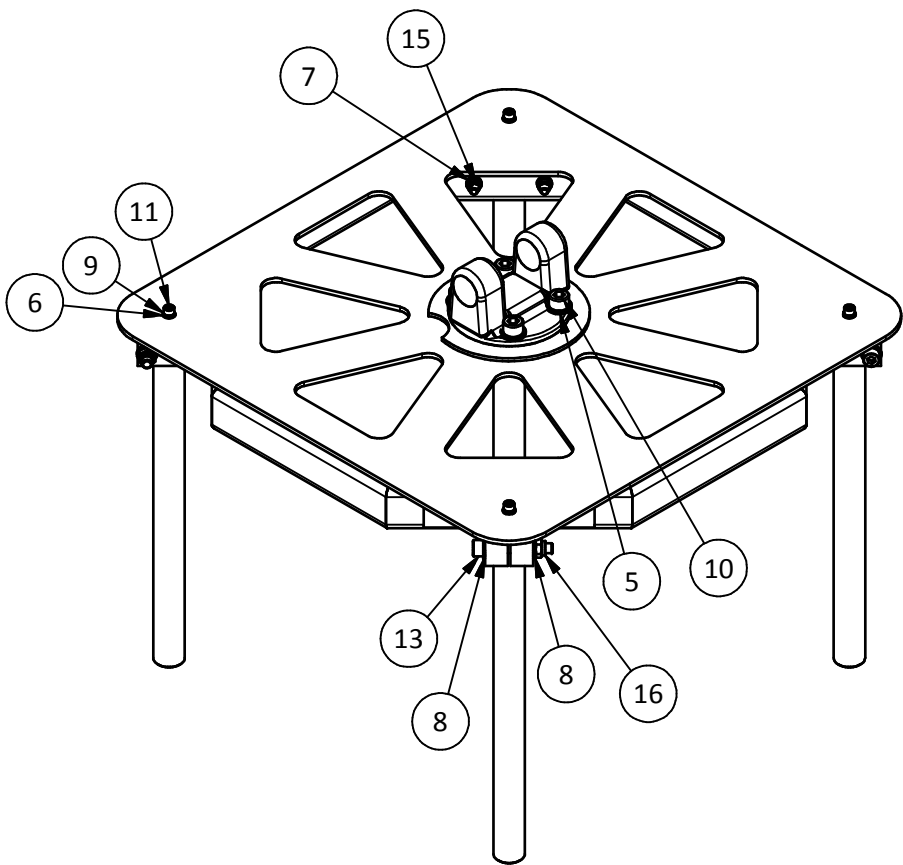
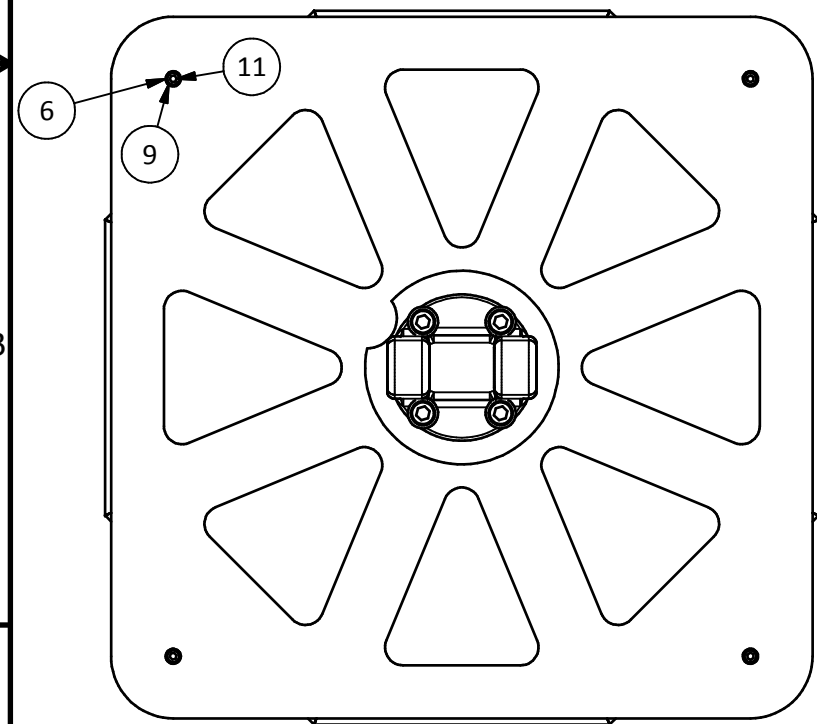
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		CHECKED: Carlos Ruiz MADrigal		23/07/2014	
		DWG NO: 3DOF250-GLD-03-ENS02			
		REV	SIZE	SHEET	
			A3	6 /9	

Antirrotacional

IDENTIFICACIÓN DE ITEMS y TORNILLERÍA



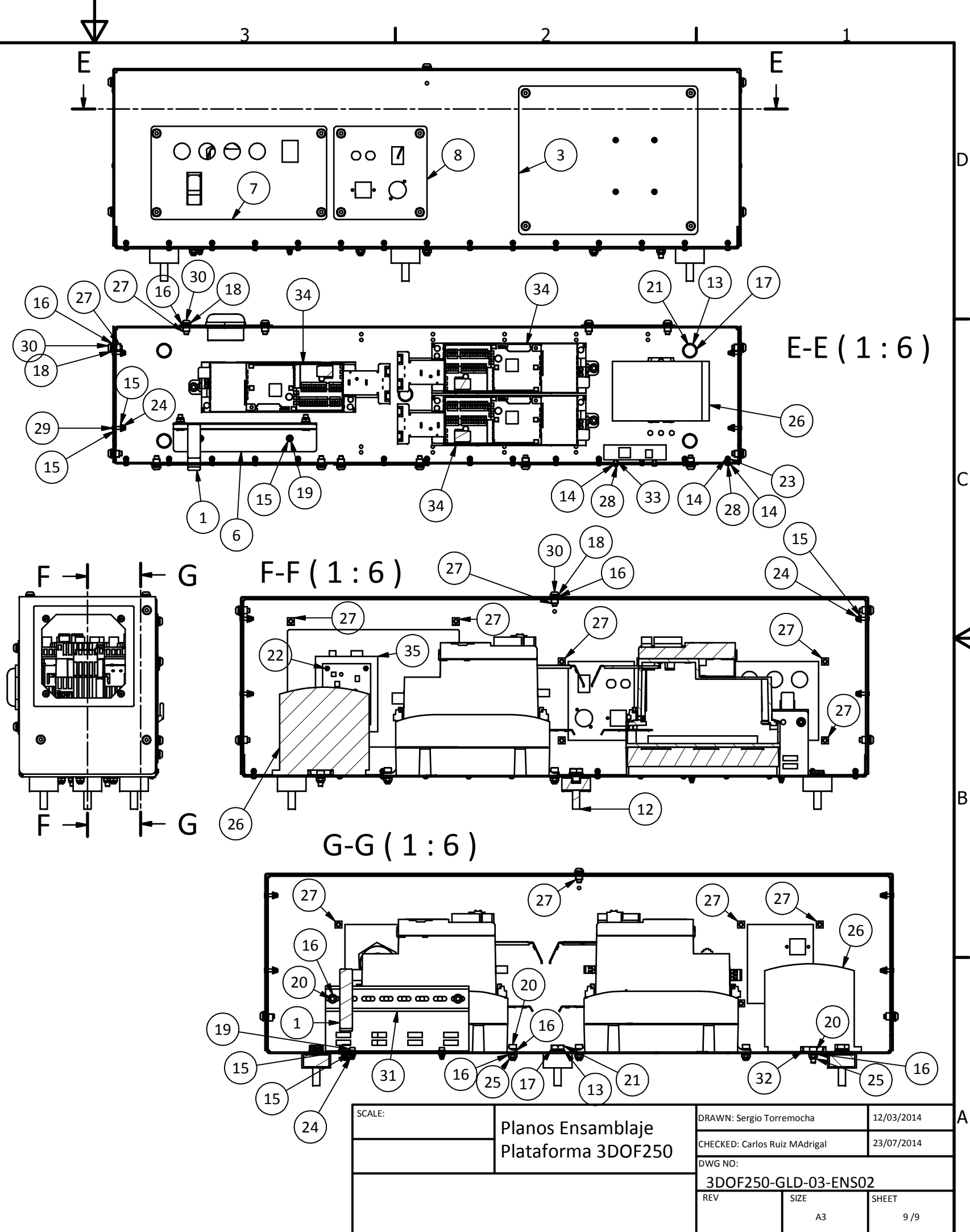
3DOF250-V003-AROT001
(1 : 5)



ITEM	QTY	PART NUMBER	DESCRIPTION	MASS (kg)
1	4	3DOF250-V001-EJE001	Eje calibrado ZNT diámetro 25 mm Stainless Steel shaft WCAS25 lenght 330mm, with Coaxial Hole Drilled and Tapped M5 prof 23mm	1,31
2	1	3DOF250-V002-AROTSOLD001	Conjunto soldado estructura tubular y chapa del conjunto antirrotación	8,39
3	1	3DOF250-V003-ACOCARC002	Chapa Acopladora Cardan Central, espesor 3 mm	0,22
4	1	Articardan_plato_A-PC-131-L	Plato cardan A-PC-131-L	1,01
5	8	DIN 125 - A 10,5	Washer	0
6	4	DIN 125 - A 5,3	Washer	0
7	16	DIN 125 - A 6,4	Washer	0
8	8	DIN 125 - A 8,4	Washer	0
9	4	DIN 127 - A 5	Spring Washer	0
10	4	DIN 912 - M10 x 30	Cylinder Head Cap Screw	0,03
11	4	DIN 912 - M5 x 25	Cylinder Head Cap Screw	0,01
12	8	DIN 912 - M6 x 45	Cylinder Head Cap Screw	0,01
13	4	DIN 912 - M8 x 55	Cylinder Head Cap Screw	0,03
14	4	DIN 985 - M10	Hex Nut	0,01
15	8	DIN 985 - M6	Hex Nut	0
16	4	DIN 985 - M8	Hex Nut	0,01
17	4	SH25A	Soporte eje ZNT	0,05

SCALE:	Planos Ensamblaje Plataforma 3DOF250	DRAWN: Sergio Torremocha	12/03/2014
		CHECKED: Carlos Ruiz MADrigal	23/07/2014
		DWG NO:	3DOF250-GLD-03-ENS02
REV	SIZE	SHEET	
	A3	7 / 9	

ITEM	QTY	PART NUMBER	DESCRIPTION	MASS (kg)
1	1	Ref. 482938	Fuse Holder 20A	0,11
2	1	159 7050 699 02 M=50 d=30	Prensaestopa Skiffy Serie 159-1	0,05
3	1	3DOF250-V002-CEAF001	Caja equipos, registro frontal libre, chapa 1.5 mm	0,61
4	1	3DOF250-V002-CEBA002	Caja equipos,estructura, chapa plegada 2 mm.	6,75
5	1	3DOF250-V002-CETA002	Caja equipos, tapa superior, espesor 1.5 mm.	2,6
6	1	3DOF250-V002-SDIN001	Soporte carril DIN. Espesor 1.5 mm	0,28
7	1	3DOF250-V003-CEPF001	Caja equipos, panel exterior de maniobras, chapa 1.5 mm	0,34
8	1	3DOF250-V003-CEPFP001	Caja equipos, panel de control 1, chapa 1.5 mm	0,18
9	1	3DOF250-V003-CEPFT001	Caja equipos, registro frontal equipado, chapa 1.5 mm	0,19
10	1	3DOF250-V003-CETF001	Caja equipos, tapa frontal, chapa 2 mm.	1,99
11	1	3DOF250-V003-CETP001	Caja equipos, registro posterior, chapa 1.5 mm	0,17
12	5	520029-limo	LIMO Amortiguador cilíndrico B	0,06
13	5	DIN 125 - A 10,5	Washer	0
14	64	DIN 125 - A 3,2	Washer	0
15	20	DIN 125 - A 4,3	Washer	0
16	46	DIN 125 - A 6,4	Washer	0
17	5	DIN 127 - A 10	Spring Washer	0
18	28	DIN 127 - A 6	Spring Washer	0
19	2	DIN 912 - M4 x 12	Cylinder Head Cap Screw	0
20	10	DIN 912 - M6 x 16	Cylinder Head Cap Screw	0,01
21	5	DIN 933 - M10 x 12	Hex-Head Bolt	0,02
22	4	DIN 934 - M3	Hex Nut	0
23	30	DIN 985 - M3	Hex Nut	0
24	10	DIN 985 - M4	Hex Nut	0
25	10	DIN 985 - M6	Hex Nut	0
26	1	DRA 240 W	Fuente alimentación Chinfo	2
27	28	Harrison Spring Steel Cage Nut M6 9562 o equivalente	Tuerca jaula M6 para chapa 1.7-2.7	0
28	34	ISO 7380 - M3 x 8	Hexagon Socket Button Head Screw - Product grade A	0
29	8	ISO 7380 - M4 x 16	Hexagon Socket Button Head Screw - Product grade A	0
30	28	ISO 7380 - M6 x 16	Hexagon Socket Button Head Screw - Product grade A	0,01
31	1	L200mm	Carril DIN	0,01
32	1	L90mm	Carril DIN	0
33	4	Separador_5mm_M3_HM	Separador de componentes de electrónica marca Richco, ref rs-online.com: 0495023	0
34	3	Variador Lenze E84AVHCE5512SX0		0,74
35	1	rabbit	Centralita electrónica	0,13



SCALE:	Planos Ensamblaje Plataforma 3DOF250	DRAWN: Sergio Torremocha	12/03/2014
		CHECKED: Carlos Ruiz MADrigal	23/07/2014
		DWG NO:	3DOF250-GLD-03-ENS02
REV	SIZE	SHEET	
	A3	9/9	