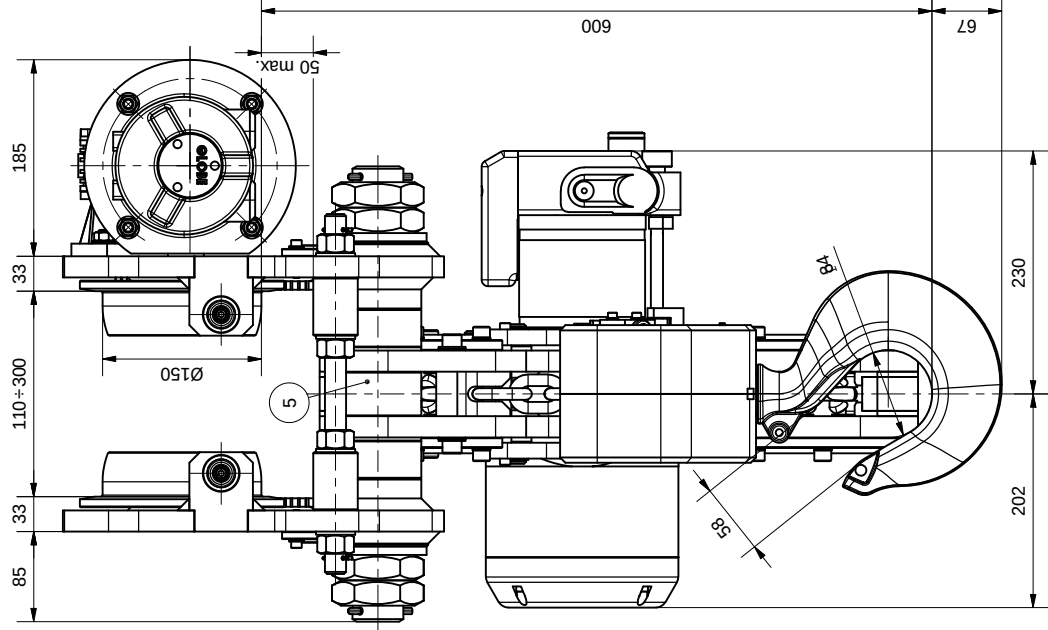
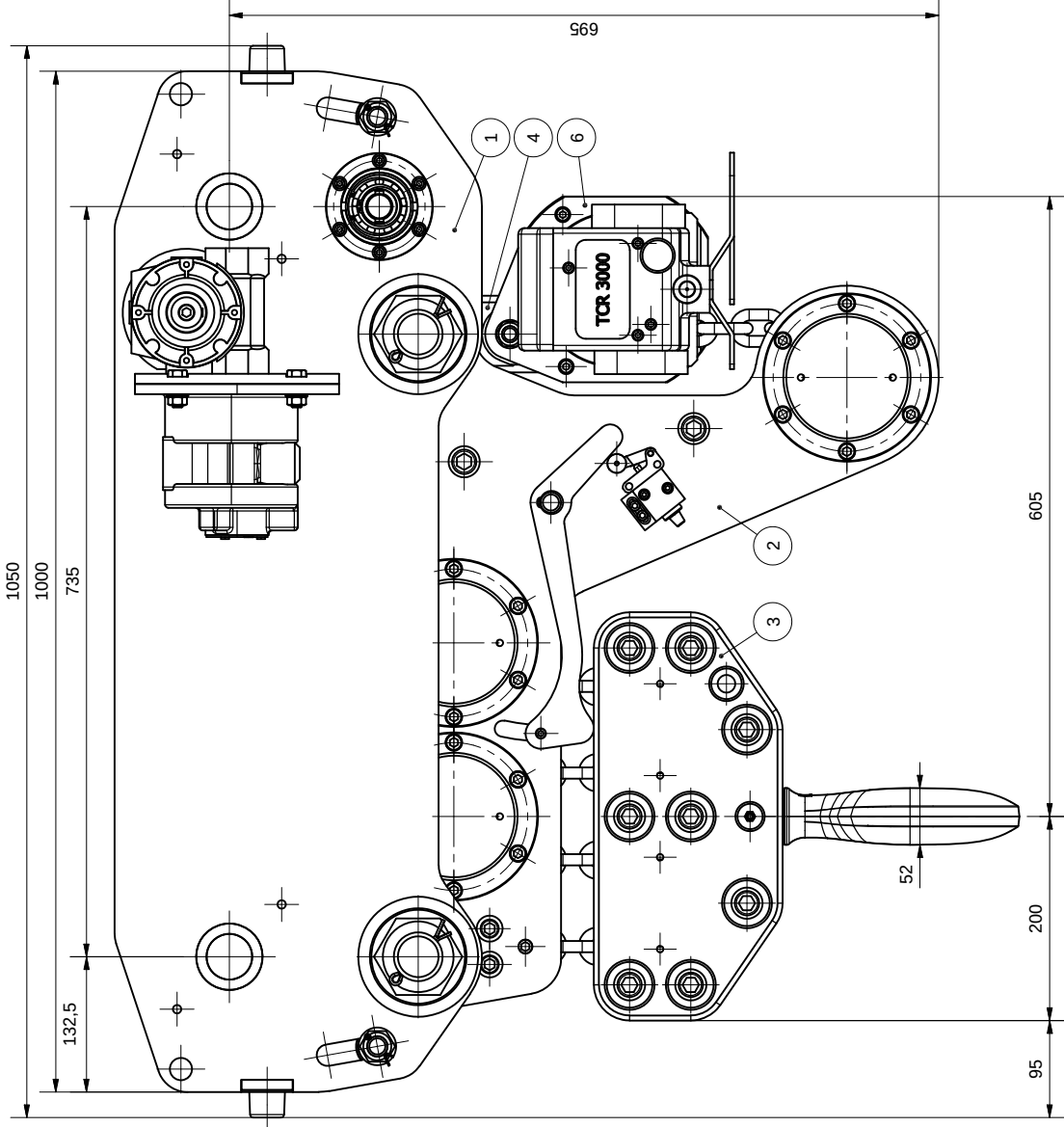




ITEM	QTY	PART NUMBER	DESCRIPTION	REV
1	1	DRG 1552-01	Trolley	0
2	1	DRG 1528-02	Low Headroom Frame	0
3	1	DRG 1528-03	Bottom Block	0
4	1	DRG 1528-26	Hoist Link	0
5	1	DRG 1528-29	Spacer	0
6	1	TCR 3000	Air Hoist	0

Title of project		Date	Material	Weight
12TE Low Headroom		2014-11-04	-	385kg
Designed by	T. Mikolajewski	Signature	 red rooster Red Rooster Industrial (UK) Ltd, Haxia House, The Meadows, Oxford, OX4 2DQ, UK Tel: +44(0)1865 872101 Main Fax: +44(0)1865 872098 Sales Fax: +44(0)1865 874025 www.rrind.com	Replaces draw
Checked by	S. Przygoda	Date		-
Approved by	B. Arken	Signature		Revision number
Scale	1:5	Title of part	Part number	0
General Assembly				DRG 1552-00

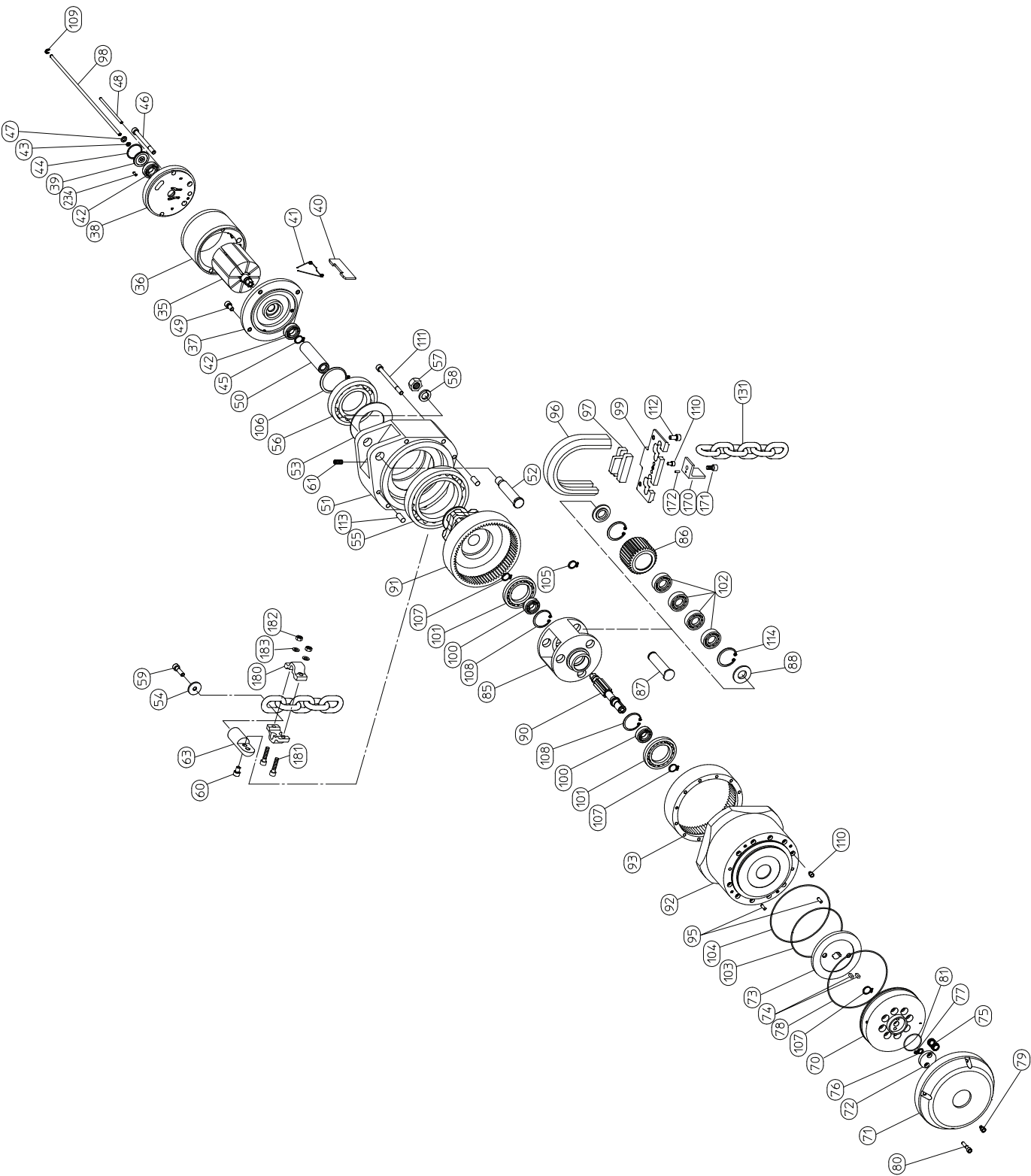
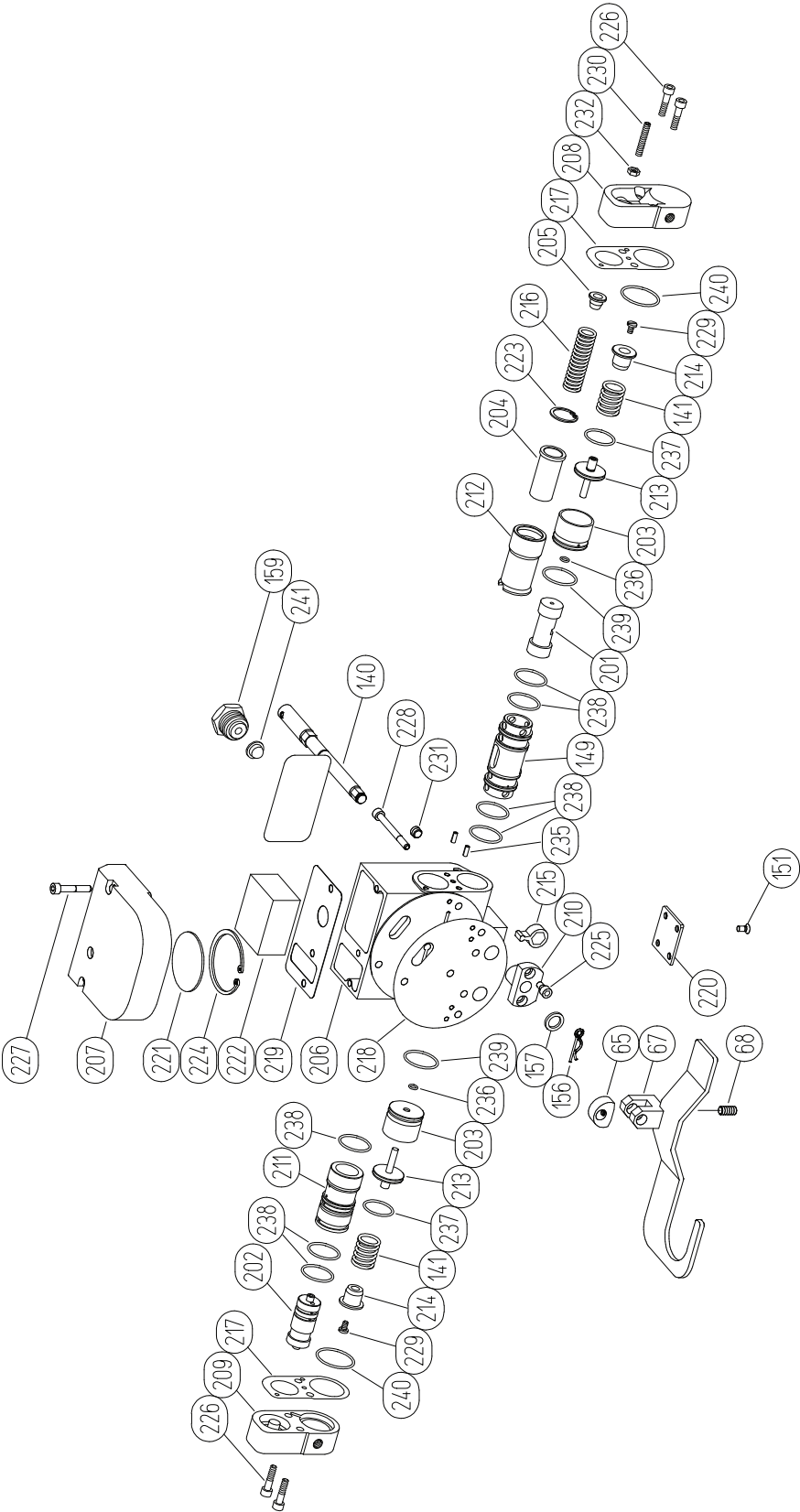


Fig. No.	Part Number	Part Name	Parts Per Hoist
035	426325150	ROTOR	1
036	426325160	STATOR	1
037	426325170	FRONT PLATE	1
038	426325180	REAR PLATE	1
039	426325190	REAR RETAINER	1
040	137102122	VANE	8
041	130802212	LIFT SPRING	8
042	130104004	BEARING 6003	2
043	131103004	O-RING S-6	1
044	131103026	O-RING S-32	1
045	130302017	RETAINING RING S-17	1
046	131708105	HEX SOCKET HEAD CAP SCREW M8X105	3
047	131307006	WASHER M6	1
048	130402054	KNOCK PIN	1
049	131708012	HEX SOCKET HEAD CAP SCREW M8X12	4
050	426325200	COUPLING	1
051	426324212	WHEEL HOUSING	1
052	426325220	HANGER PIN	1
053	426325230	SPACER	1
054	420875MN0	CHAIN END SET WASHER	1
055	130104019	BEARING 6019	1
056	130107013	BEARING 6212	1
057	134501016	U-NUT M16	1
058	131301016	SPRING WASHER M16	1
059	131708030	HEX SOCKET HEAD CAP SCREW M8X30	1
060	131708012	HEX SOCKET HEAD CAP SCREW M8X12	2
061	132108020	HEX SOCKET SET SCREW M8X20	1
063	426325730	SET PIECE	1
070	426325400	BRAKE PISTON	1
071	426325410	BRAKE COVER	1
072	426325420	PISTON COVER	1
073	426325430	BRAKE DISC	1
074	130408084	KEY	2
075	130802213	DISC SPRING	6
076	131103008	O-RING S-10	1
077	131101004	O-RING P-6	1
078	131103063	O-RING S-135	1
079	131706012	HEX SOCKET HEAD CAP SCREW M6X12	2
080	131706030	HEX SOCKET HEAD CAP SCREW M6X30	4
081	131117030	O-RING AS568-030	1
085	426325240	CAGE	1
086	426325250	STAR GEAR	3
087	426325260	PIN	3
088	426325270	THRUST COLLAR	6
090	426325290	PINION	1
091	426325300	WHEEL	1
092	426325310	GEAR CASE	1
093	426325320	RING GEAR	1
095	426325340	DOWEL PIN	4
096	426325351	CHAIN GUIDE	1
097	426325360	CHAIN SEPARATOR	1

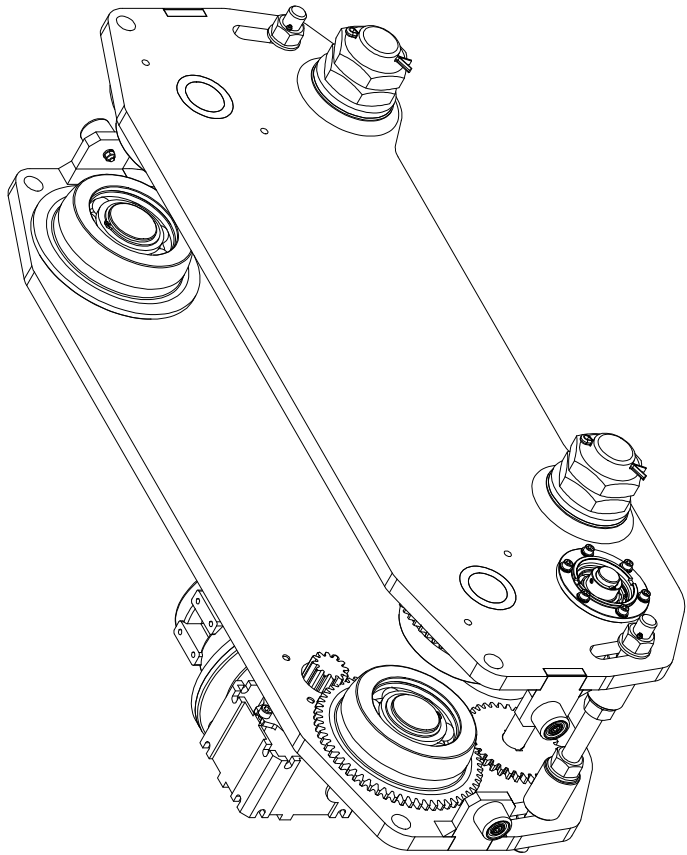
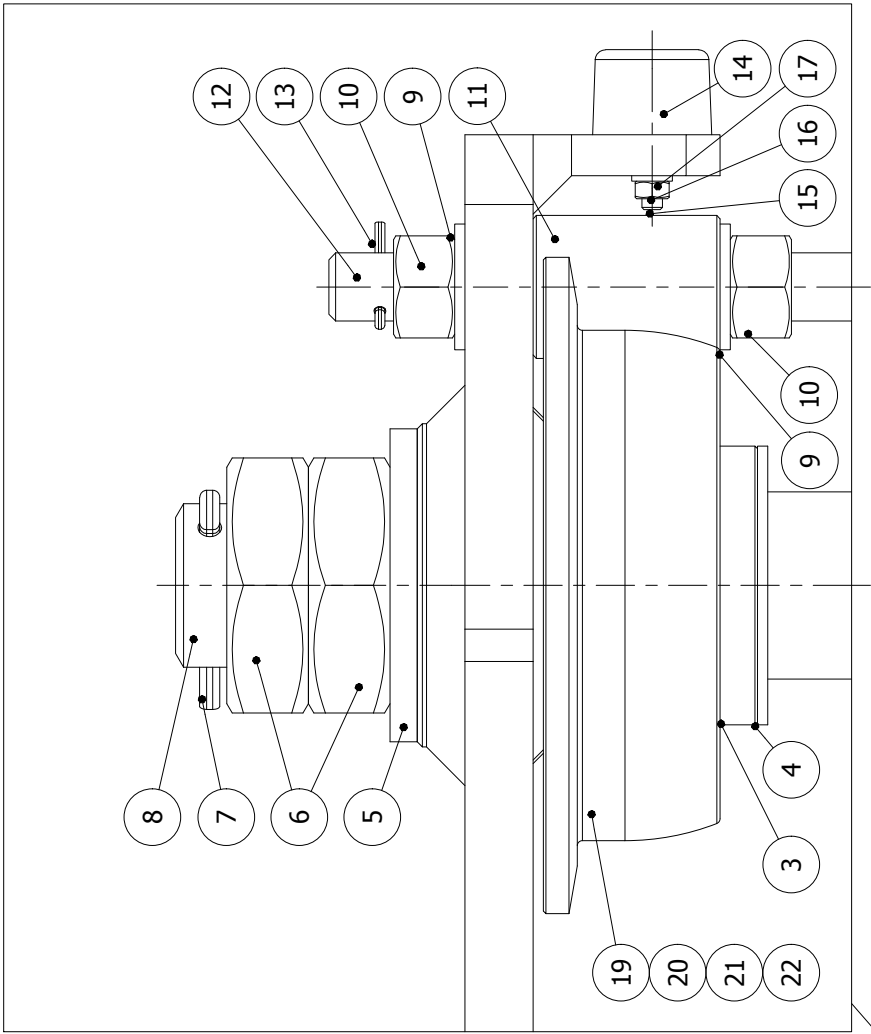
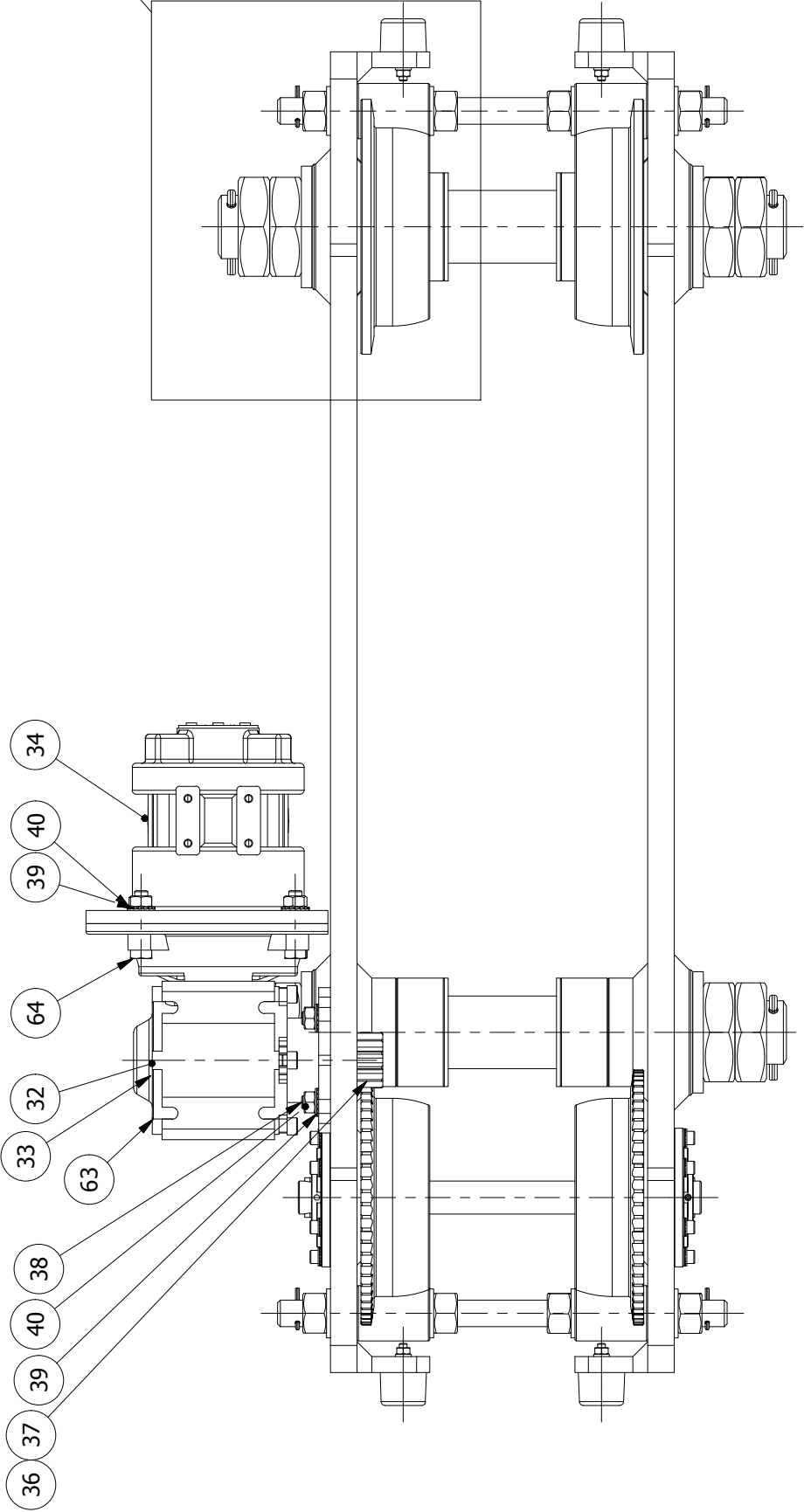
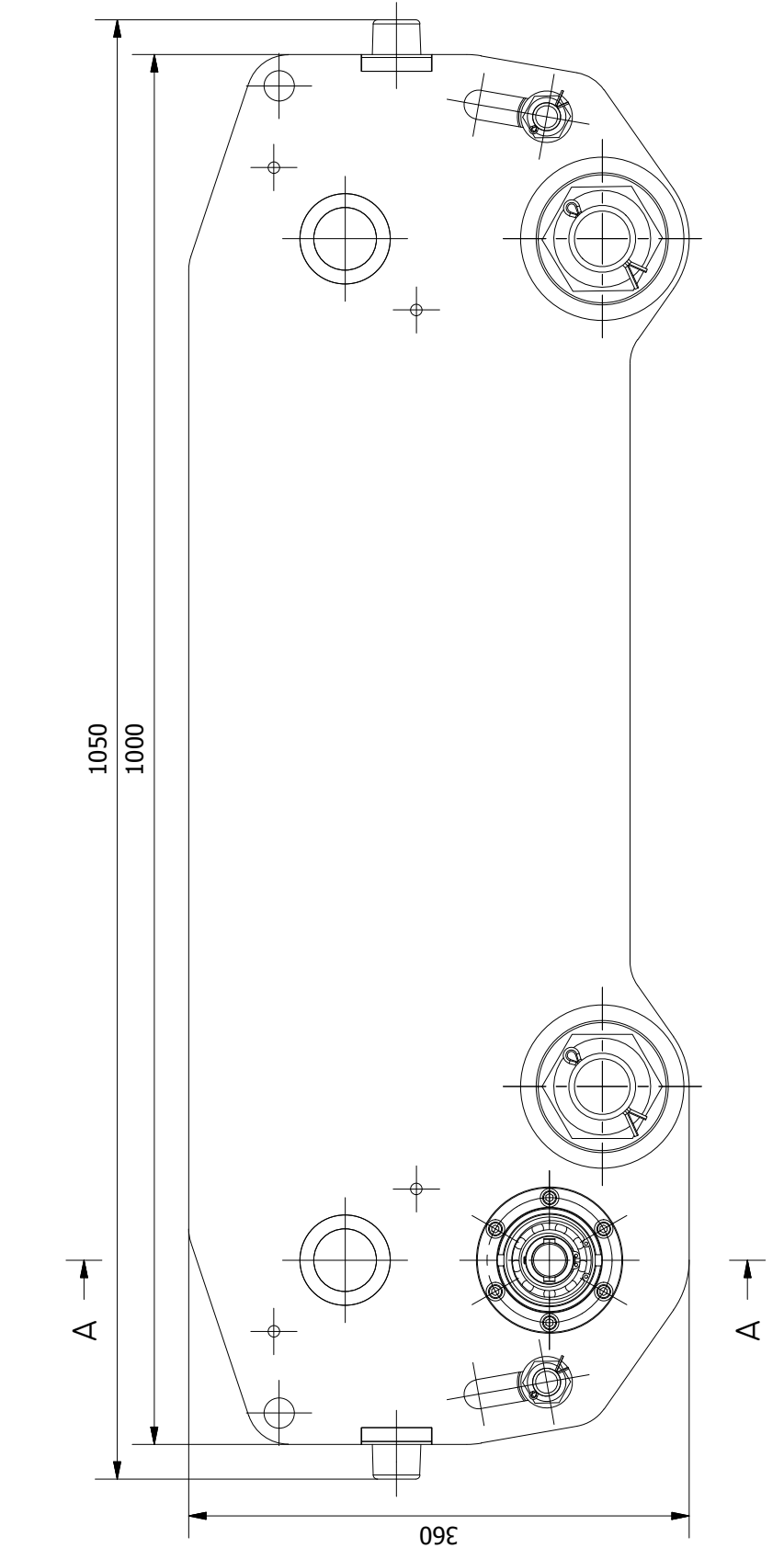
Fig. No.	Part Number	Part Name	Parts Per Hoist
098	426325380	BRAKE TUBE	1
099	426325371	BOTTOM PLATE	1
100	130104004	BEARING 6003	2
101	130104010	BEARING 6009	2
102	130104005	BEARING 6004	12
103	131103058	O-RING S-115	1
104	131103063	O-RING S-135	1
105	130302020	RETAINING RING S-20	3
106	130302060	RETAINING RING S-60	1
107	130302017	RETAINING RING S-17	3
108	130301035	RETAINING RING H-35	2
109	130303005	RETAINING RING E-5	1
110	131706012	HEX SOCKET HEAD CAP SCREW M6X12	12
111	131708080	HEX SOCKET HEAD CAP SCREW M8X80	4
112	131708016	HEX SOCKET HEAD CAP SCREW M8X16	2
113	130406028	PARALLEL PIN 10X23	2
114	130301042	RETAINING RING H-42	6
131	AHC112/80	LINK CHAIN 11.2mm	HOL
170	426325C90	STAY	1
171	131708015	HEX SOCKET HEAD CAP SCREW M8X15	1
172	130604010	SPRING PIN 4X10	1
180	420645JF0	CHAIN DOWN STOPPER	2
181	131708035	HEX SOCKET HEAD CAP SCREW M8X35	2
182	134401008	HEX NUT M8	2
183	131301008	SPRING WASHER M8	2
234	130406005	PARALLEL PIN 4X10 (H7)	2



Pendant Body - TCR-12000/4
 10.10.16

Fig. No.	Part Number	Part Name	Parts Per Hoist
065	426325740	CAM	1
067	426325113	CHAIN LEVER	1
068	132108008	HEX SOCKET SET SCREW M8X8	1
140	426326461	LIMIT SHAFT	1
141	130802217	SPRING 19.5X25X2.6	2
149	426325C30	MAIN BUSHING	1
151	132805010	HEX FLAT HEAD MACHINE SCREW M5X10	4
156	130790012	SNAP PIN 12	1
157	426325750	WASHER	1
159	134703070	INLET BUSHING	1
201	426224013	MAIN SPOOL	1
202	426224021	BRAKE SPOOL	1
203	426224C20	SPOOL CYLINDER	2
204	426224041	BRAKE RETAINER	1
205	426224051	BRAKE NUT	1
206	426224063	VALVE BODY	1
207	426224070	TOP COVER	1
208	426224083	SIDE COVER (L)	1
209	426224093	SIDE COVER (R)	1
210	426224101	LIMIT GUIDE	1
211	426224C40	BRAKE BUSHING	1
212	426224C50	LIMIT BUSHING	1
213	426224C60	SPOOL PISTON	2
214	426224C70	SPRING SEAT	2
215	426224140	LIMIT LEVER	1
216	130802216	SPRING 15X59X2.4	1
217	136102164	SIDE PACKING (N)	2
218	136102161	VALVE PACKING	1
219	136102192	TOP PACKING	1
220	136102163	UNDER PACKING	1
221	137402030	EXHAUST SILENCER	1
222	137402031	NYLON SILENCER	1
223	130301025	RETAINING RING H-25	1
224	130301058	RETAINING RING H-58	1
225	131706012	HEX SOCKET HEAD CAP SCREW M6X12	2
226	131706025	HEX SOCKET HEAD CAP SCREW M6X25	4
227	131706040	HEX SOCKET HEAD CAP SCREW M6X40	3
228	131706060	HEX SOCKET HEAD CAP SCREW M6X60	3
229	132405008	CROSS-RECESSED HEAD MACHINE SCREW M5X8	2
230	132306035	HEX SOCKET SET SCREW M6X35	1
231	134902003	HEX SOCKET PIP PLUG 1/8	1
232	134403006	HEX NUT M6	1
235	130604010	SPRING PIN 4X10	2
236	131103004	O-RING S-6	2
237	131103021	O-RING S-26	2
238	131103022	O-RING S-28	7
239	131103024	O-RING S-30	2

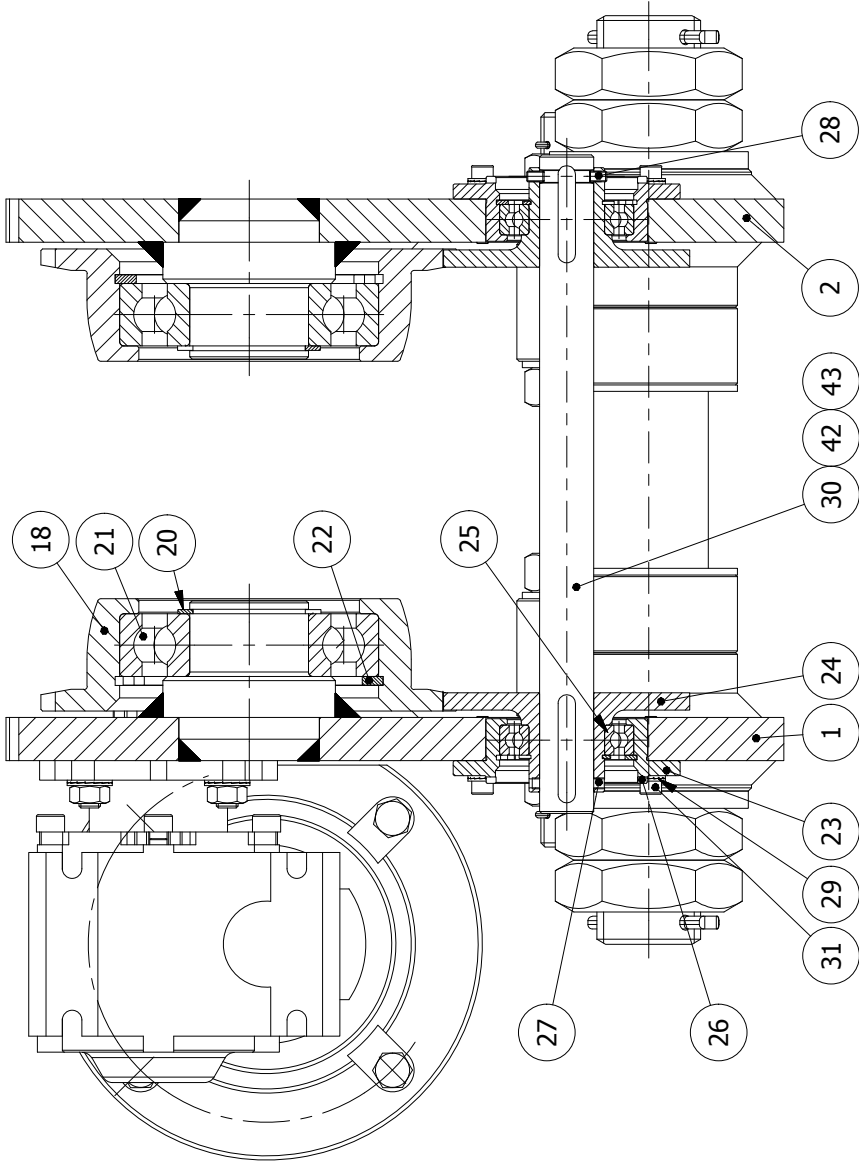
Fig. No.	Part Number	Part Name	Parts Per Hoist
240	131103027	O-RING S-34	2
241	136803032	1/2 NET SCREEN	1



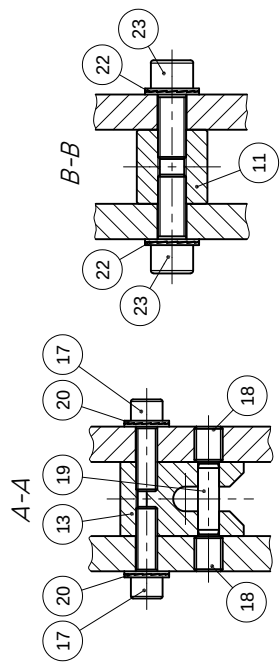
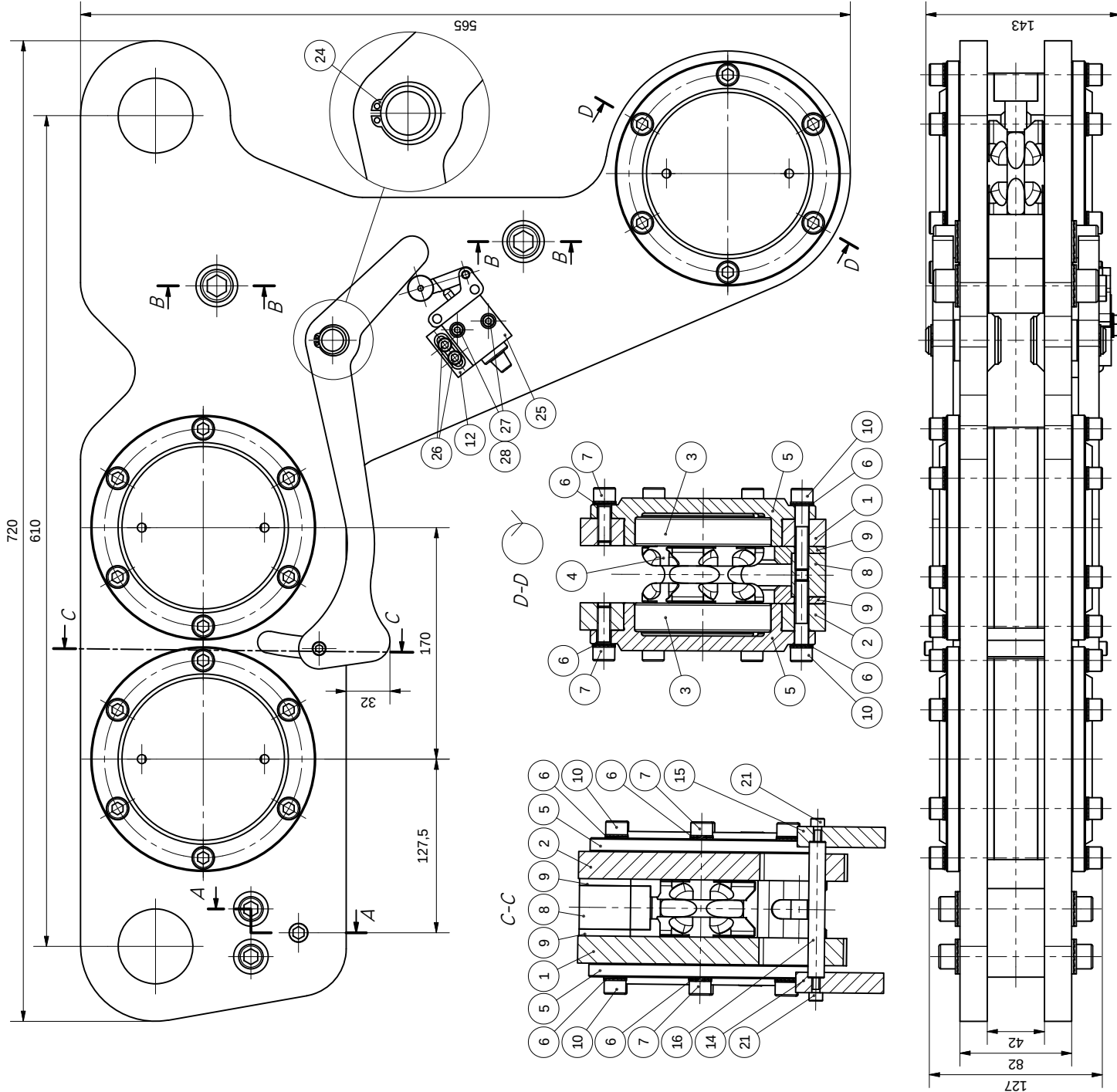
Title of project 12TE Low Headroom					Date 2014-11-04	Material -	Weight 180kg	
Designed by T. Mikołajewski	Date		Signature		 red rooster Red Rooster Industrial (UK) Ltd, Nauria House, The Meadows, Oldmeldrum, Aberdeenshire, AB51 0EZ Tel: +44(0)1651 872101 Main Fax: +44(0)1651 872098 Sales Fax: +44(0)1651 871405 www.rnik.com			Replaces draw -
Checked by S. Przygoda								Revision number 1
Approved by B. Aitken								
Scale 1:5		Title of part Trolley			Part number DRG 1552-01 sheet 1/2			

ITEM	QTY	PART NUMBER	DESCRIPTION	REV.
1	1	DRG 1552-02	Side Plate - left	0
2	1	DRG 1552-03	Side Plate - right	0
3	depends on the Flange	DRG 1503-09	Spacer	0
4	depends on the Flange	DRG 1503-10	Spacer Washer	0
5	4	DIN 125 - A 50	Washer	
6	8	ISO 4035 - M48	Hex Nut	
7	4	ISO 1234 - 6.3 x 63	Split Pin	
8	2	DRG 1503-15 or DRG 1503-16 or DRG 1503-17	Load Bar (Range I - Flange 110÷180mm) Load Bar (Range II - Flange 180÷240mm) Load Bar (Range III - Flange 240÷300mm)	0 0 0
9	8	DIN 125 - A 21	Washer	
10	8	ISO 4032 - M20	Hex Nut	
11	4	DRG 1503-14	Anti Tip Roller	0
12	2	DRG 1503-13	Tie Rod	0
13	4	ISO 1234 - 3.2 x 28	Split Pin	
14	4		Buffer	0
15	4	DIN 912 - M6 x 40	Cylinder Head Cap Screw	
16	4	ISO 4032 - M6	Hex Nut	
17	4	DIN 125 - A 6.4	Washer	
18	2	DRG 1503-11	Gear Wheel	0
19	2	DRG 1503-12	Plain Wheel	0
20	4	DIN 471 - 55 x 2	Spring Retaining Ring	
21	4	DIN 625 SKF - SKF 6311-2Z	Deep groove ball bearings single row with two Z shields SKF	
22	4	DIN 472 - 120 x 4	Spring Retaining Ring	
23	2	DRG 1528-20	Transfer Gearwheel Holder	0
24	2	DRG 1528-21	Transfer Gearwheel	0
25	2	DIN 625 SKF - SKF 6007-2Z	Deep groove ball bearings single row with two Z shields SKF	
26	2	DIN 472 - 62 x 2	Spring Retaining Ring	
27	2	DIN 471 - 35x1.5	Retaining rings for shaft	
28	2	DIN 913 - M5 x 8	Hexagon Socket Set Screw	
29	12	NL6sp		0
30	1	DRG 1528-22	Transfer Shaft	0
31	12	DIN 912 - M6 x 30	Cylinder Head Cap Screw	
32	1	DIN 912 - M10 x 30	Cylinder Head Cap Screw	
33	1	DIN 9021 - 10.5	Washer	
34	1	VS6C	Air Motor: GLOBE	0
36	1	DIN 6885 - A 8 x 7 x 70	Parallel Key	
37	1	DRG 1503-18 or DRG 1503-19	Pinion Shaft (for Gearbox Bonfiglioli) Pinion Shaft (for Gearbox Fenner)	0 0
38	4	DIN 913 - M10 x 40	Hexagon Socket Set Screw	
39	8	NL10sp	M10 NordLock Washer Large Diameter Glued Pair	0
40	8	ISO 4032 - M10	Hex Nut	
42	2	DIN 6885 - A 8 x 7 x 45	Parallel Key	
43	2	DIN 6885 - A 8 x 7 x 50	Parallel Key	
63	1	SK15I50-AFH-IEC-80-2G (ratio 30-1) R	NORD Gearbox	0
64	4	ISO 4018 - M10 x 45	Śruba z łbem sześciokątnym	

A-A (1:2,5)



Title of project 12TE Low Headroom				Date 2014-11-04	Material -	Weight 180kg	
Designed by T. Mikołajewski			 red rooster Red Rooster Industrial (UK) Ltd, Nauria House, The Meadows, Oldmeldrum, Aberdeenshire, AB51 0EZ Tel: +44(0)1651 872101 Main Fax: +44(0)1651 872098 Sales Fax: +44(0)1651 871405 www.rnik.com	Replaces draw -			
Checked by S. Przygoda		Date					Revision number
Approved by B. Aitken		Signature					1
Scale 1:5	Title of part Trolley				Part number DRG 1552-01 sheet 2/2		



ITEM	QTY	PART NUMBER	DESCRIPTION	REV.
1	1	DRG 1528-06	Low Headroom - Side Plate Left	0
2	1	DRG 1528-07	Low Headroom - Side Plate Right	0
3	6	DIN 625 SKF - SKF 6211-2Z	Deep groove ball bearings single row with two Z shields SKF	
4	3	DRG 1207-01	Pocket Idler Wheel 11.2 x 34 Chain	9
5	6	DRG 1528-27	Pocket Wheel Holder	0
6	36	NL10	M10 NordLock Washer Glued Pair	0
7	24	DIN 912 - M10 x 30	Cylinder Head Cap Screw	
8	3	DRG 1528-33	Chain Guide II	0
9	6	DRG 1528-32	Chain Guide I	0
10	12	DIN 912 - M10 x 50	Cylinder Head Cap Screw	
11	2	DRG 1528-30	Low Headroom Link	0
12	1	DRG 1525-20	Mounting Plate for Limit Switch	0
13	1	DRG 1528-28	Chain Anchor	0
14	1	DRG 1528-11	Pusher - left	0
15	1	DRG 1528-12	Pusher - right	0
16	1	DRG 1528-31	Pusher Link	0
17	4	DIN 912 - M12 x 40	Cylinder Head Cap Screw	
18	2	DIN 913 - M16 x 20	Hexagon Socket Set Screw	
19	1	ISO 8734 - 12 x 40 - A	Parallel Pin	
20	4	NL12sp	M12 NordLock Washer Large Diameter	0
21	2	DIN 912 - M6 x 20	Glued Pair	
22	4	NL16sp	M16 NordLock Washer Large Diameter	0
23	4	DIN 912 - M16 x 40	Glued Pair	
24	2	DIN 471 - 20x1.2	Cylinder Head Cap Screw	
25	1	03 0293 02	Retaining rings for shaft	
26	2	DIN 912 - M6 x 12	Limit Switch	0
27	2	DIN 912 - M5 x 30	Cylinder Head Cap Screw	
28	2	NL5sp	Cylinder Head Cap Screw	0
12TE Low Headroom (Beam Brake)				
Title of project		Date	Material	Weight
12TE Low Headroom (Beam Brake)		15/05/2014	-	78kg
Designed by	T. Mikolajewski	Signature		Replaces draw
Checked by	S. Przygoda	Date		-
Approved by	B. Aikien	Signature		Revision number
Scale	1:2,5	Title of part	Low Headroom Frame	0
Part number				DRG 1528-02