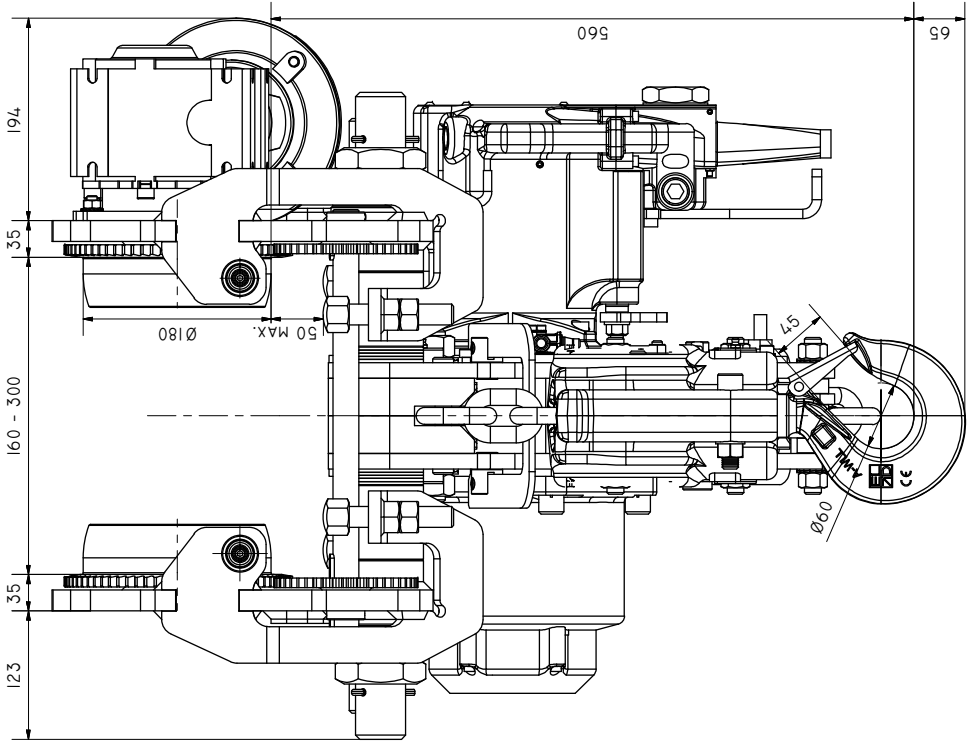
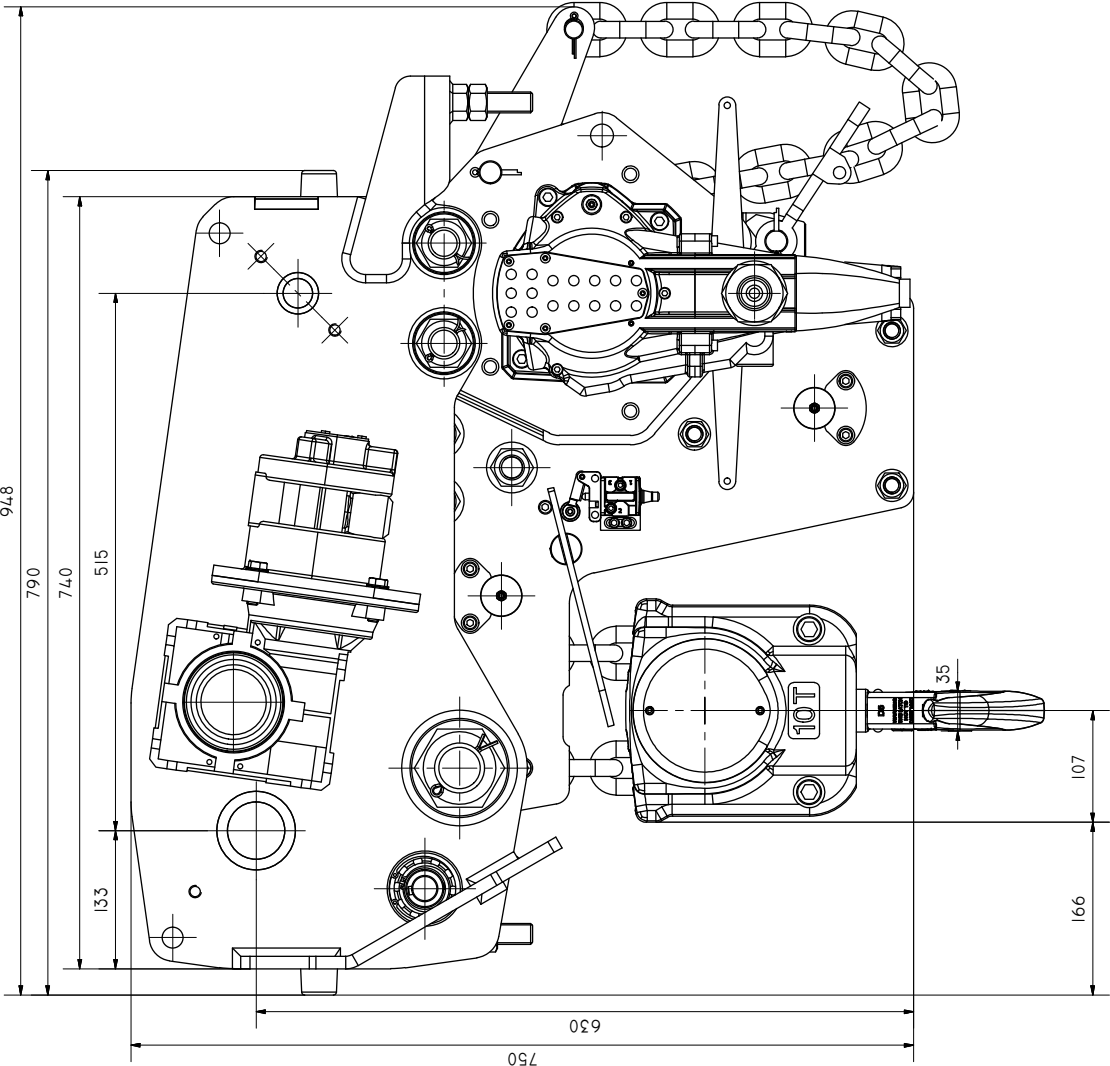


REVISION HISTORY		
REV.	DATE	APPROVED
0		



SCALE		MATERIAL		TITLE OF PART		PART NUMBER	
NTS				10T LHR AIR HOIST		DRG 1592-00	
DESIGNED BY	T. MIKOLAJEWSKI	DATE	08/11/2019	SIGNATURE		DATE	14/11/2019
DRAWN BY	O. MORAN		14/11/2019			REVISION WEIGHT	0 465KG
CHECKED BY						REPLACES DRAWING	-
APPROVED BY	B. AITKEN					PROFILE NUMBER	-
SHEET SIZE		TITLE OF PROJECT		10T LHR AIR HOIST			
A3							

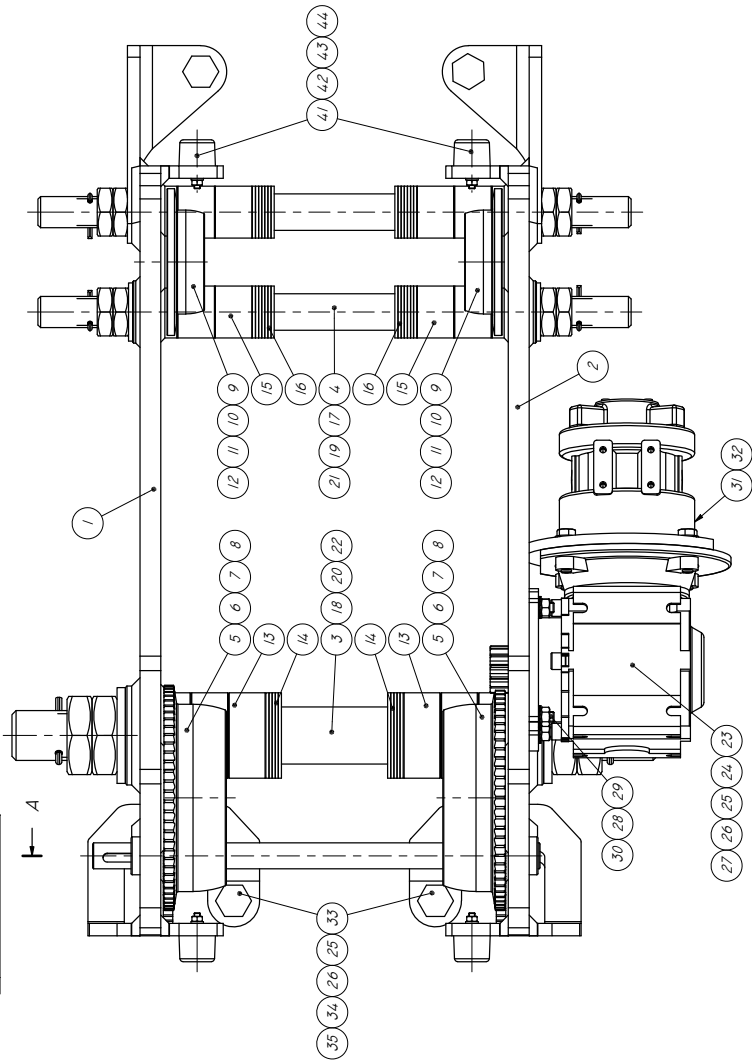
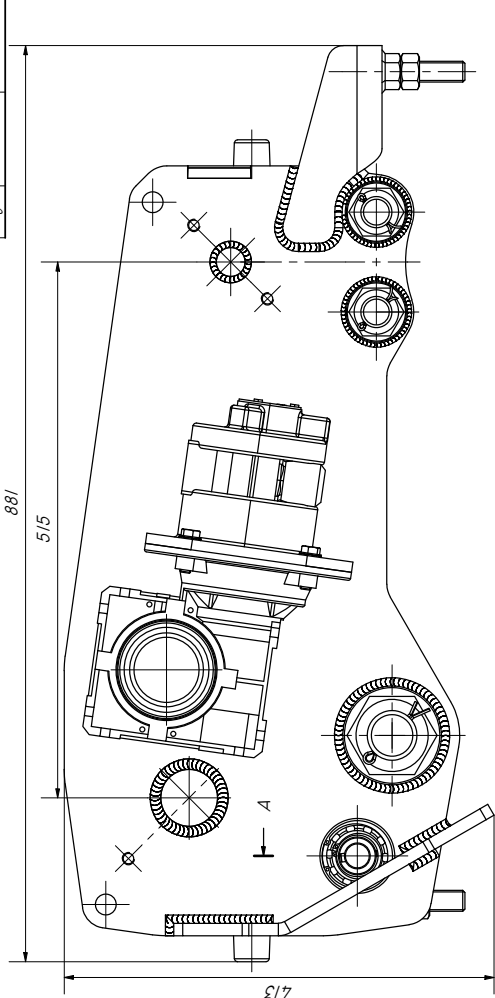
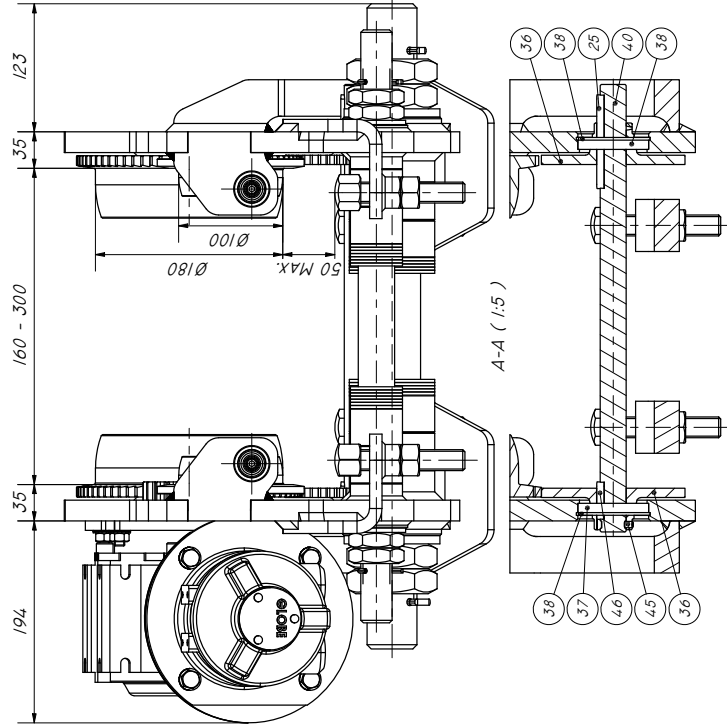


**RED ROOSTER
LIFTING**

MADE IN THE UK
CE MARKED
TYPE APPROVED
LIFTING EQUIPMENT
WWW.REDOOSTERLIFTING.CO.UK

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
LINEAR
UP TO 300 ±0.1
OVER 300 UP TO 600 ±0.2
OVER 600 UP TO 1000 ±0.3
OVER 1000 ±0.5
ANGULAR ±0.5°
SURFACE ROUGHNESS $\sqrt{R}$
IF IN DOUBT ASK

REV.	DATE	APPROVED
0		



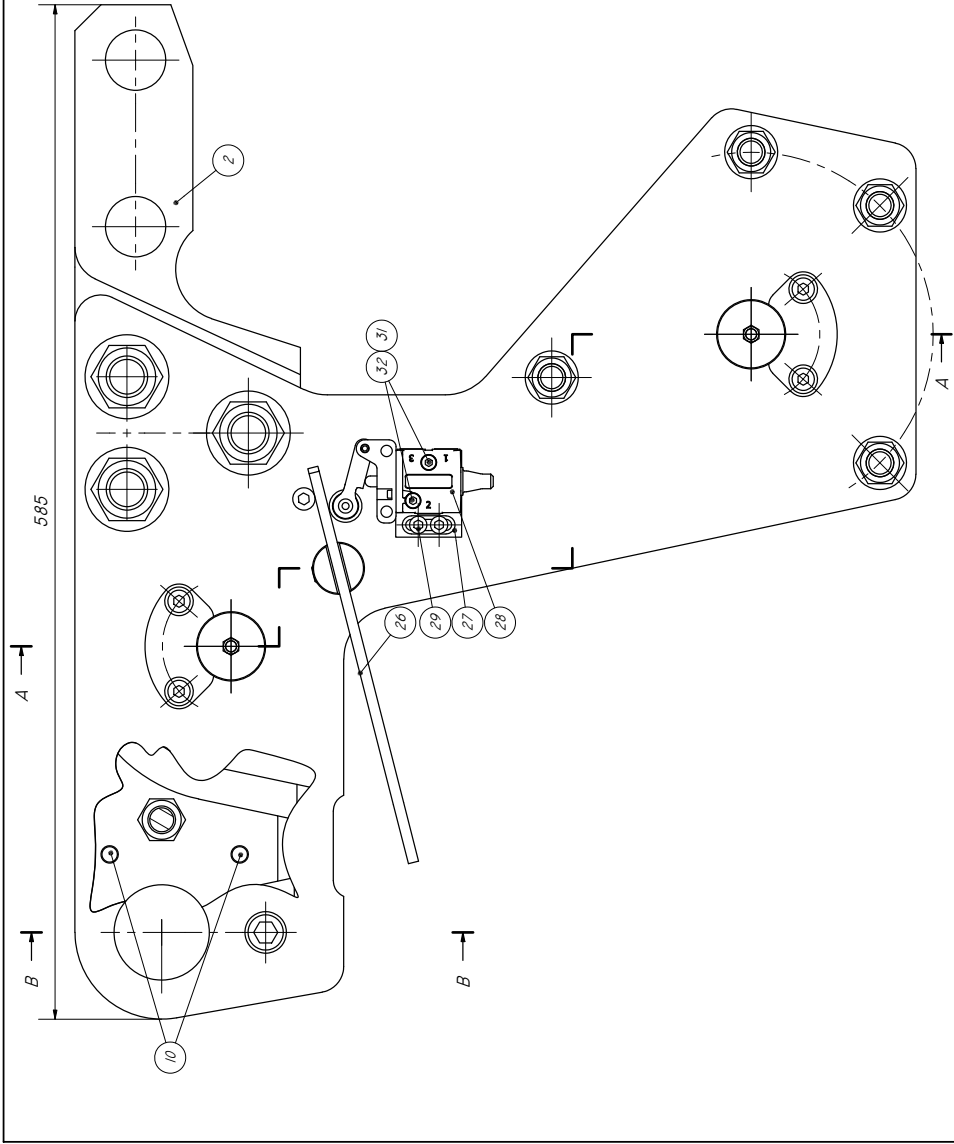
ITEM	QTY	PART NUMBER	DESCRIPTION	REV.
1	1	DRG 1592-03	TROLLEY PLATE	0
2	1	DRG 1592-04	MOTOR PLATE	0
3	1	DRG 1592-05	LOAD BAR	0
4	2	DRG 1592-06	GEAR WHEEL	0
5	2	DRG 1592-07	DEEP GROOVE BALL BEARINGS SINGLE ROW WITH TWO Z SHIELDS SKF	0
6	2	DIN 625 SKF - SKF 6313-22	SPRING RETAINING RING	0
7	2	DIN 472 - 140 X 4	SPRING RETAINING RING	0
8	2	DIN 471 - 65 X 2.5	FLAT WHEEL	0
9	2	DRG 1501-12	DEEP GROOVE BALL BEARINGS SINGLE ROW WITH TWO Z SHIELDS SKF	0
10	2	DIN 625 SKF - SKF 6207-22	SPRING RETAINING RING	0
11	2	DIN 471 - 35 X 1.5	SPRING RETAINING RING	0
12	2	DIN 472 - 75 X 2.5	SPACER	0
13	4	DRG 1503-09	SPACER WASHER	0
14	10	DRG 1603-10	SPACER	0
15	8	DRG 1592-31	SPACER WASHER	0
16	28	ISO 4035 - M50	HEX NUT	0
17	8	ISO 4035 - M48	WASHER	0
18	4	DIN 128 - A 51	WASHER	0
19	4	DIN 128 - A 50	SPLIT PIN	0
20	2	DIN 128 - A 50	NORD SK1503FH-EC (4.0/1)	0
21	2	ISO 1234 - 6.3 X 63	SPINER SHAFT FOR GEARBOX (NORD)	0
22	2	SH(S)6000 (RATIO 40-1)	PARALLEL SET	0
23	1	DIN 6895 - 17.5 X 90	CYLINDER HEAD CAP SCREW	0
24	1	DIN 912 - M10 X 30	HEX NUT	0
25	1	DIN 1032 - M10	HEXAGON SOCKET SET SCREW	0
26	1	DIN 913 - M10 X 40	M10 NORDLOCK WASHER LARGE DIAMETER GLUED PAIR	0
27	1	NL 05P	AIR MOTOR	0
28	1	ISO 4018 - M10 X 35	HEX HEAD BOLT	0
29	1	DIN 912 - M20	HEXAGON CAP NUT BRASS	0
30	1	DRG 1592-35	ANTI TIP ROD	0
31	1	ISO 4032 - M20	HEX NUT	0
32	1	DRG 1575-18	TRANSFER GEARWHEEL	0
33	2	DIN 625 SKF - SKF 16008	SINGLE ROW BALL BEARINGS SKF	0
34	2	DIN 472 - 68 X 2.5	SPRING RETAINING RING	0
35	2	DIN 471 - 40X1.5	RETAINING RINGS FOR SHAFT	0
36	2	DRG 1592-36	TRANSFER SHAFT	0
37	1	I 3-8" BLACK RUBBER STOP	TR-BUFF	0
38	1	ISO 4032 - M6	HEX NUT	0
39	1	DIN 125 - A 6.4	WASHER	0
40	1	DIN 912 - M6 X 40	CYLINDER HEAD CAP SCREW	0
41	1	DIN 913 - M6 X 8	HEXAGON SOCKET SET SCREW	0
42	1	DIN 6885 - A 8 X 7 X 36	PARALLEL KEY	0

SCALE	MATERIAL	TITLE OF PART	PART NUMBER
NTS		LHR TROLLEY	DRG 1592-01
DESIGNED BY	DATE	DATE	DATE
T. MICHALCZAK	08/11/2019	14/11/2019	1/1
DRAWN BY	SIGNATURE	REVISION WEIGHT	ALL DIMENSIONS IN MILLIMETERS
O. MORAN	0	150.3 KG	TOLERANCES
CHECKED BY	DATE	REPLACES DRAWING	LINEAR
B. AITREN	14/11/2019	-	ANGULAR
APPROVED BY	TITLE OF PROJECT	PROFILE NUMBER	IF IN DOUBT ASK
	A3	-	

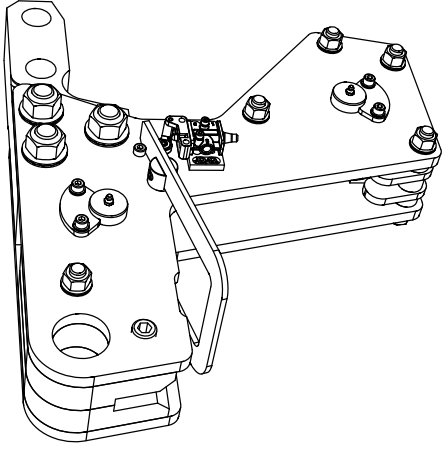


10T LHR AIR HOIST

REVISION HISTORY		REV.	DATE	APPROVED
		0		



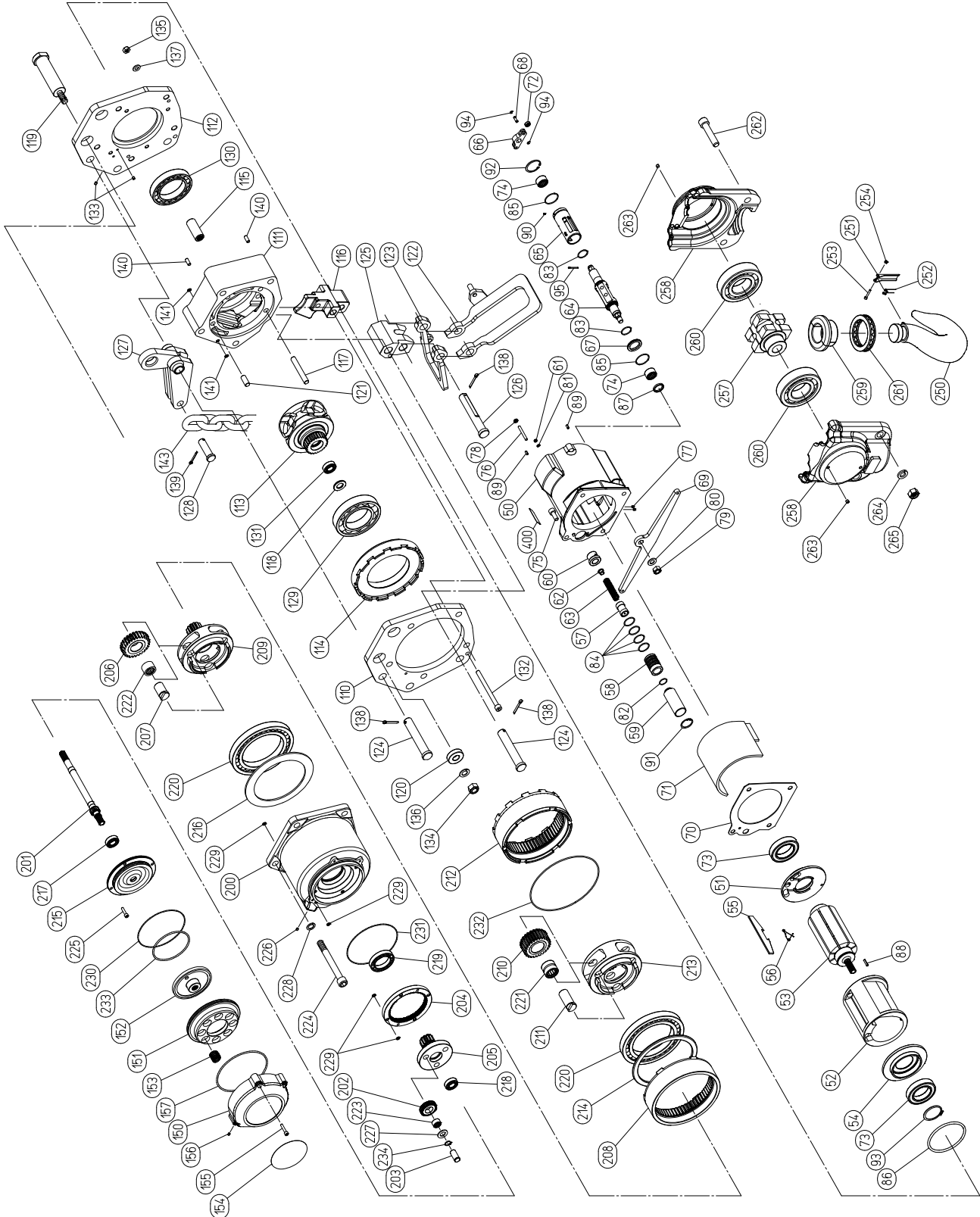
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	DRG 1592-07	LHR FRAME PLATE
2	1	DRG 1592-16	LHR CLEVIS
3	2	DRG 1592-15	CHAIN GUIDE
4	1	DRG 1592-17	CHAIN ANCHOR PLATE L
5	1	DRG 1592-18	CHAIN ANCHOR PLATE R
6	3	DRG 1592-24	LHR LOAD BAR
7	3	DRG 1592-27	CHAIN GUIDE - SPACER
8	6	DRG 1592-28	CHAIN GUIDE - SPACER
9	1	DRG 1592-29	PARALLEL PIN
10	2	ISO 2338 - 10 H8 x 65	M24 NORDLOCK WASHER LARGE DIAMETER GLUED PAIR
11	6	NL24SP	HEX NUT
12	6	ISO 4032 - M24	HEX NUT
13	10	ISO 2059 M16	HEX NUT
14	5	ISO 2059 M16	HEX NUT
15	5	DRG 1592-30	ANTI ROTATION PLATE
16	2	DRG 1592-36	POCKET IDLER WHEEL 16X45 CHAIN
17	2	DRG 1592-36	POCKET IDLER WHEEL 16X45 CHAIN
18	2	DRG 1592-36	POCKET IDLER WHEEL 16X45 CHAIN
19	4	TMH-10 SF-01	SPACER RING
20	6	NK 10-20-TL-XL	NEEDLE ROLLER BEARING
21	4	GLO450XZ	NEEDLE BEARING SEAL 40X50X6 - LOW CROSS SECTION
22	2	DIN 71412 - AM8 x 1 CONED SHORT	LUBRICATING NIPPLE CONED TYPE A
23	4	NL 8SP	HEXAGON SOCKET HEAD CAP SCREW
24	5	ISO 4762 - M8 x 20	HEXAGON SOCKET HEAD CAP SCREW
25	2	DRG 1592-37	PUSHER PLATE
26	1	DRG 1592-44	LIMIT SWITCH
27	1	DRG 1592-20	MOUNTING PLATE FOR LIMIT SWITCH
28	1	03029102	LIMIT SWITCH
29	2	ISO 4762 - M6 x 16	HEXAGON SOCKET HEAD CAP SCREW
30	2	DIN 913 - M10 x 12	HEXAGON SOCKET SET SCREW
31	2	NL5	M5 NORDLOCK WASHER GLUED PAIR
32	2	DIN 912 - M5 x 30	CYLINDER HEAD CAP SCREW
33	2	DIN 913 - M24 x 25	HEXAGON SOCKET SET SCREW
34	1	DRG 1592-38	ANCHOR PIN



SCALE		MATERIAL		TITLE OF PART		PART NUMBER	
NTS				LHR FRAME		DRG 1592-02	
DESIGNED BY	T. MICOLLENSKI	DATE	08/11/2019	REVISION	13/11/2019	REVISION	1 / 1
DRAWN BY	O. MORGAN	DATE	13/11/2019	REVISION	0	REVISION	0
CHECKED BY	B. AITREN	DATE		REPLACES DRAWING	N/A	REPLACES DRAWING	
APPROVED BY		DATE		TITLE OF PROJECT	10T LHR AIR HOIST	TITLE OF PROJECT	
SHEET SIZE	A3	SHEET NUMBER		PROFILE NUMBER		PROFILE NUMBER	



RED ROOSTER
LIFTING
CLIMBING,



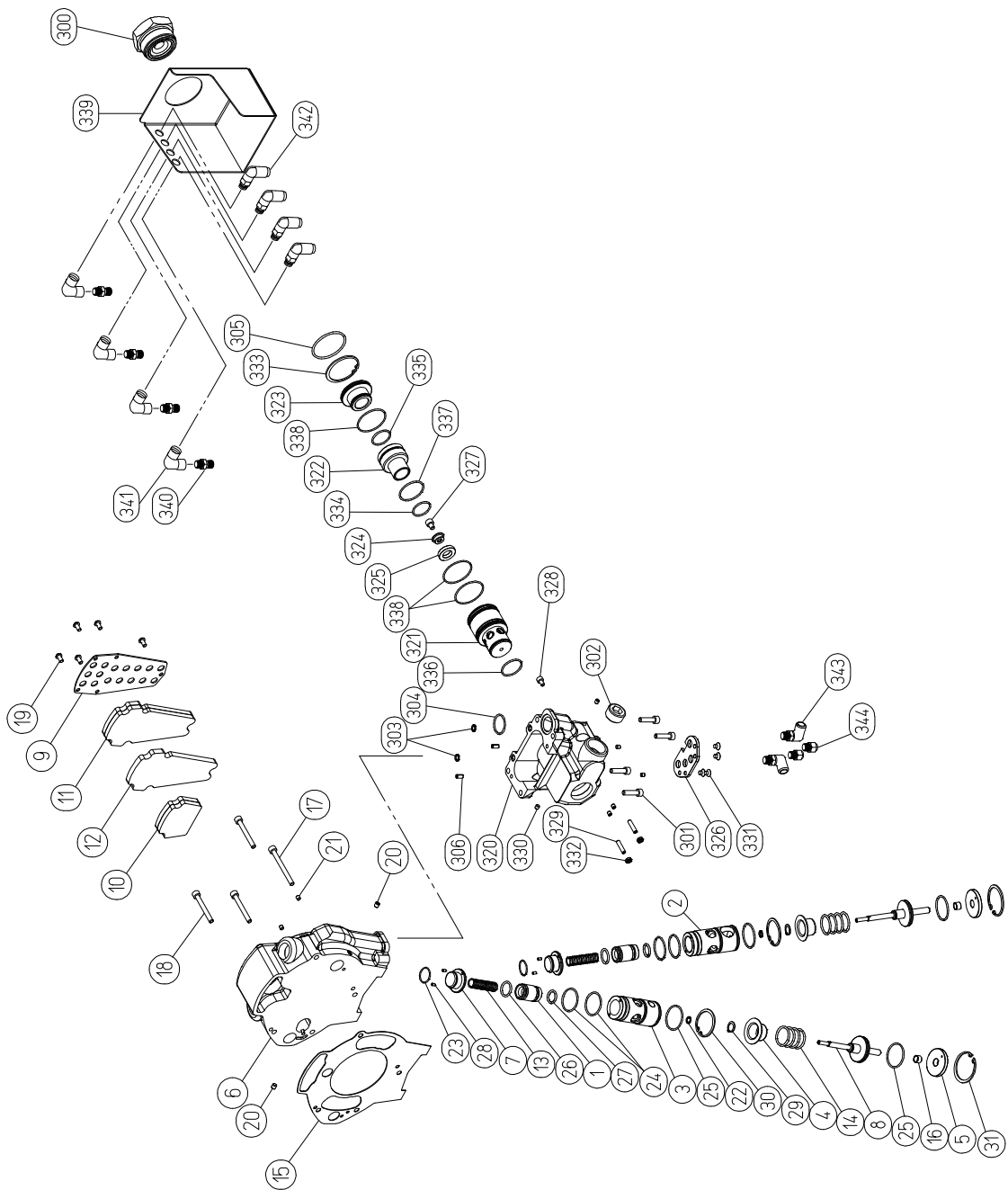
Hoist Body - TMH-10T-LHR

Fig. No.	Part Number	Part Name	Parts Per Hoist
050	425806790	MOTOR CASE	1
051	425806180	REAR PLATE	1
052	425806160	CYLINDER	1
053	425806150	ROTOR	1
054	425806170	FRONT PLATE	1
055	137102036	VANE	8
056	130802235	LIFT SPRING	8
057	425806J40	LIMIT SPOOL	1
058	425806J30	LIMIT SPOOL BUSHING	1
059	425806J50	LIMIT RETAINER F	1
060	425806J60	LIMIT RETAINER B	1
061	425806J70	LIMIT PLUG	1
062	426307Z50	SPRING SEAT	1
063	130802226	SPRING 13X67X2	1
064	425828460	LIMIT SHAFT	1
065	425806A40	LIMIT SHAFT BUSHING	1
066	425806140	LIMIT LEVER	1
067	425806J90	LIMIT WASHER	1
068	425806120	ROLLER SHAFT	2
069	425828540	CORD LEVER	1
070	136102180	MOTOR GASKET	1
071	425806K0B	SILENCER M CP	1
072	130103005	BEARING 605ZZ	2
073	130106011	BEARING 6010	2
074	130132116	NEEDLE BEARING TA2215Z	2
075	131710025	HEX SOCKET HEAD CAP SCREW M10X25	4
076	132306050	HEX SOCKET HEAD CAP SCREW M6X50	1
077	132105005	HEX SOCKET SET SCREW M5X5	2
078	134403106	HEX NUT M6	1
079	134501012	U NUT M12	1
080	131307012	WASHER M12	1
081	131103003	O-RING S-5	1
082	131103016	O-RING S-20	1
083	131103021	O-RING S-26	2
084	131103022	O-RING S-28	4
085	131103029	O-RING S-36	2
086	131101068	O-RING P-100	1
087	131246003	DUST SEAL OS22294	1
088	130605020	SPRING PIN 5X20	1
089	130605010	SPRING PIN 5X10	2
090	130603005	SPRING PIN 3X5	1
091	130301032	RETAINING RING H-32	1
092	130301040	RETAINING RING H-40	1
093	130302050	RETAINING RING S-50	1
094	130303004	RETAINING RING E-4	4
095	130702125	SPLIT PIN 2.5X25	1
110	425828M80	MIDDLE PLATE G	1
111	425828350	CHAIN GUIDE	1
112	425828M90	MIDDLE PLATE M	1
113	425828A50	LOAD SHEAVE	1
114	426301U80	CHAIN GUIDE COVER	1

Fig. No.	Part Number	Part Name	Parts Per Hoist
115	425806200	COUPLING	1
116	426303R40	CHAIN SEPARATOR	1
117	426301U40	CHAIN SEPARATOR PIN	1
118	425828Q20	BEARING COVER	1
119	426303AG0	HANGER PIN	2
120	426303R50	WASHER	2
121	426301L60	KNOCK PIN	3
122	425828N10	LIMIT LEVER U	1
123	425828N20	LIMIT LEVER D	1
124	426301X50	CHAIN SET PLATE SHAFT	2
125	426303X40	CHAIN SET PLATE	1
126	426303X60	CHAIN SET SPINDLE	1
127	426301X70	CHAIN END CONNECTOR	1
128	426301X80	CHAIN END PIN	1
129	130115215	BEARING 6215 DDU	1
130	130115015	BEARING 6015 DDU	1
131	130104004	BEARING 6003	1
132	131710130	HEX. SOCKET HEAD CAP SCREW M10X130	1
133	132106006	HEX. SOCKET SET SCREW M6X6	2
134	134501016	U NUT M16	2
135	134501010	U NUT M10	1
136	131301016	SPRING WASHER M16	2
137	131307010	WASHER M10	1
138	130705035	SPLIT PIN 5X35	3
139	130704032	SPLIT PIN 4X32	1
140	130608020	SPRING PIN 8X20	2
141	131103005	O-RING S-7	2
143	AHC16/RTS	CHAIN 16X45mm	HOL
150	425806410	BRAKE COVER	1
151	425806400	BRAKE PISTON	1
152	425806430	BRAKE DISC	1
153	130802229	SPRING 20.5X21.9X2.9	8
154		NAME PLATE	1
155	131706040	HEX SOCKET HEAD CAP SCREW M6X40	4
156	132105005	HEX SOCKET SET SCREW M5X5	1
157	131117255	O-RING AS568-255	1
200	425828310	GEAR CASE	1
201	425828A60	FIRST PINION	1
202	425806A70	FIRST STAR GEAR	3
203	425806A80	FIRST PIN	3
204	425806E10	FIRST RING GEAR	1
205	425828E20	SECOND PINION	1
206	425828E30	SECOND STAR GEAR	3
207	426301M50	SECOND IDLE GEAR SHAFT	3
208	426301M60	SECOND INTERNAL GEAR	1
209	425828K20	THIRD PINION	1
210	425828K30	THIRD STAR GEAR	3
211	426301N50	THIRD IDLE GEAR SHAFT	3
212	426301N60	THIRD INTERNAL GEAR	1
213	425828240	CAGE	1
214	426301K60	INTERNAL GEAR SPACER	1

Hoist Body - TMH-10T-LHR

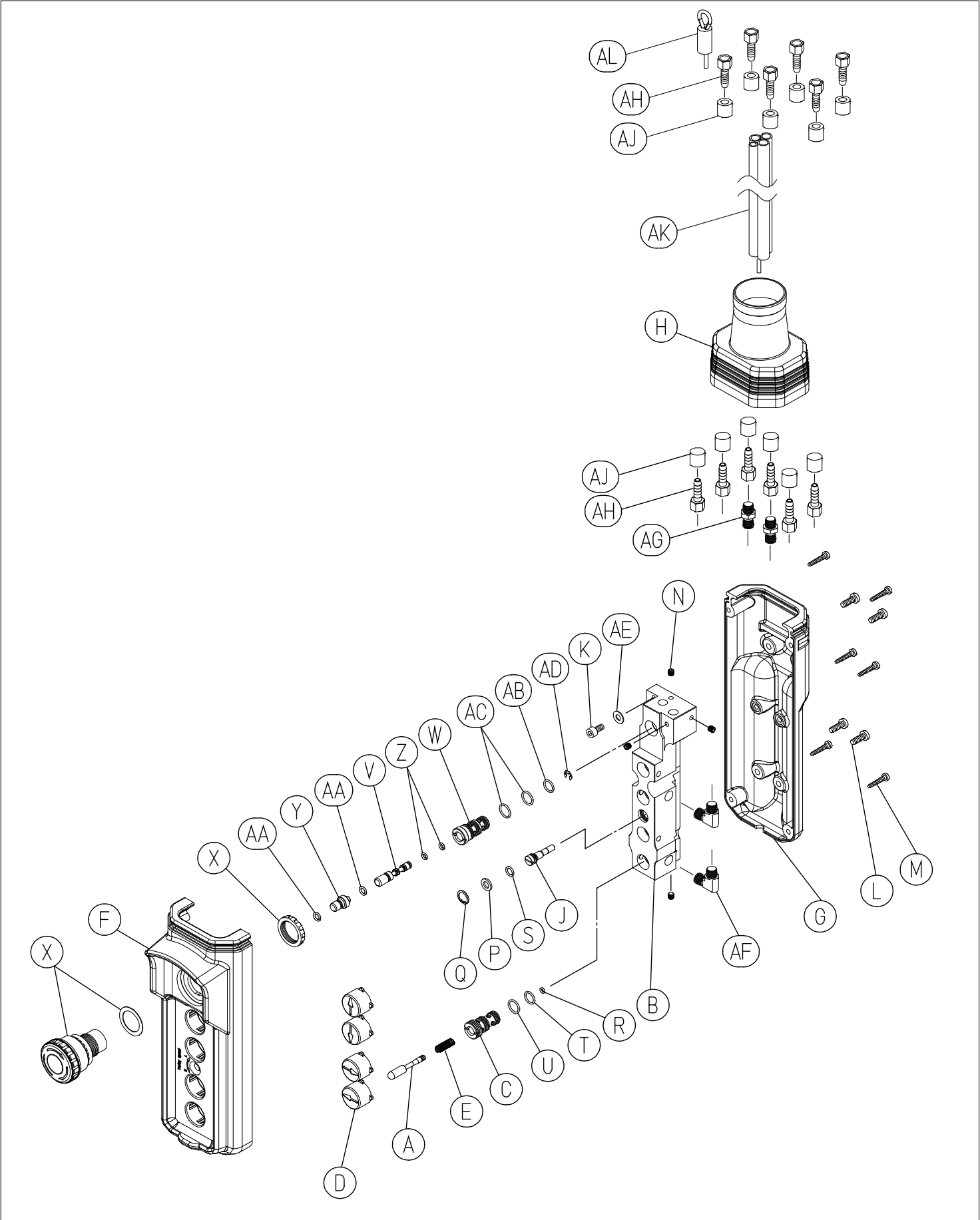
Fig. No.	Part Number	Part Name	Parts Per Hoist
215	425806900	BRAKE PLATE	1
216	426301L50	CONED DISC SPRING	1
217	130106004	BEARING 6003ZZ	1
218	130104004	BEARING 6003	1
219	130113009	BEARING 6909	1
220	130116024	BEARING 16024	2
221	130180904	NEEDLE BEARING RNA6904	3
222	130132520	NEEDLE BEARING TA2520	3
223	130131513	NEEDLE BEARING TA1512Z	3
224	131716140	HEX SOCKET HEAD CAP SCREW M16X140	5
225	131706025	HEX SOCKET HEAD CAP SCREW M6X25	4
226	132105005	HEX SOCKET SET SCREW M5X5	1
227	131307014	WASHER M14	3
228	131310016	SPRING WASHER M16	5
229	131103005	O-RING S-7	10
230	131103063	O-RING S-135	1
231	131103065	O-RING S-145	1
232	131117170	O-RING AS568-170	1
233	131117242	O-RING AS568-242	1
234	130302015	RETAINING RING S-15	3
250	426303S21	HOOK	1
251	420890L30	HOOK SAFETY CLAW	1
252	130802046	HOOK SPRING	1
253	131704028	HEX SOCKET HEAD CAP SCREW M4X28	1
254	134501004	U NUT M4	1
257	425828F70	FREE CHAIN WHEEL	1
258	425828800	UNDER HOOK HOLDER	1
259	426303X90	HOOK THRUST RING	1
260	130115311	BEARING 6311DDU	2
261	130121114	THRUST BEARING 51114	1
262	1311716075	HEX SOCKET HEAD CAP SCREW M16X75	2
263	134902005	HEX PLUG R1/16	4
264	131301016	SPRING WASHER M16	2
265	134401016	HEX NUT M16	2



Pendant Body - TMH-10T-LHR

Fig. No.	Part Number	Part Name	Parts Per Hoist
001	425806J80	THROTTLE VALVE	2
002	425806E90	VALVE BUSHING (U)	1
003	425806F00	VALVE BUSHING (D)	1
004	425806C70	SPRING SEAT	2
005	425806A20	VALVE CAP	2
006	425806060	VALVE BODY	1
007	425806A30	BUSH CAP	2
008	425806C60	PISTON	2
009	425806810	EXHAUST PLATE	1
010	137402055	SILENCER (SS)	2
011	137402056	SILENCER (SL)	2
012	137402057	SILENCER (F)	1
013	130802227	SPRING 11.4X46X1.4	2
014	130802228	SPRING 26X32.3X2.6	2
015	136102171	VALVE GASKET	1
016	130216001	BEARING K5B0807	2
017	131706065	HEX SOCKET HEAD CAP SCREW M6X65	1
018	131706050	HEX SOCKET HEAD CAP SCREW M6X50	3
019	131905010	HEX SOCKET BUTTON SCREW M5X10	5
020	132106006	HEX SOCKET SET SCREW M6X6	2
021	132105005	HEX SOCKET SET SCREW M5X5	2
022	131103005	O-RING S-7	2
023	131103016	O-RING S-20	2
024	131103024	O-RING S-30	4
025	131103026	O-RING S-32	4
026	131117115	O-RING AS568-115	2
027	131118113	O-RING AS568-113 (HS90)	2
028	130603005	SPRING PIN 3X5	4
029	130302012	RETAINING RING S-12	2
030	130301036	RETAINING RING H-36	2
031	130301040	RETAINING RING H-40	2
300	425806G6B	INLET BUSHING CP	1
301	131706025	HEX SOCKET HEAD CAP SCREW M6X25	4
302	134902011	HEX SOCKET HEAD PLUG PT3/4	1
303	131103005	O-RING S-7	2
304	131103020	O-RING S-25	1
305	131117134	O-RING AS568-134	1
306	130605010	SPRING PIN 5X10	2
320	425806470	UNDER COVER	1
321	425806G70	MAIN CUT BUSHING	1
322	425806G80	MAIN CUT VALVE	1
323	425806G90	MAIN CUT CAP	1
324	425806H00	MAIN CUT HOLDER	1
325	136102173	MAIN CUT SEAT	1
326	137402060	PILOT SILENCER	1
327	131706308	HEX SOCKET HEAD CAP SCREW M6X8	1
328	131705008	HEX SOCKET HEAD CAP SCREW M5X8	1
329	132105022	HEX SOCKET SET SCREW M5X22	2
330	132105005	HEX SOCKET SET SCREW M5X5	6
331	132905206	CROSS-RECESSED HEAD SCREW M5X6	4
332	134403205	HEX NUT M5	2

Fig. No.	Part Number	Part Name	Parts Per Hoist
333	130301047	RETAINING RING H-47	1
334	131103020	O-RING S-25	1
335	131103021	O-RING S-26	1
336	131103023	O-RING S-29	1
337	131103028	O-RING S-35	1
338	131117030	O-RING AS568-030	3
339	DRG/TMH3000-PB-01	PENDANT BRACKET	1
340	P071/1	1/8 BSP HEX NIPPLE C/W 60° CONE	4
341	P050	1/8 BSP FEMALE ELBOW	4
342	304P	1/8 BSP MALE TO 6MM PUSH FIT ELBOW	4
343	304P	1/8 BSP MALE TO 6MM PUSH FIT ELBOW	2
344	P087	1/8 BSP TO 6MM PUSH FIT	2



Pendant - VRD-4R

Fig. No.	Part Number	Part Name	Parts Per Hoist
A	420218VB0	THROTTLE VALVE	4
B	420235VR0	VALVE BODY	1
C	420218VF0	BUSHING	4
D	420235X40	BUTTON	4
E	130802036	SPRING 6X18X0.32	4
F	420235W50	FRONT CASE	1
G	420235W60	REAR CASE	1
H	136608256	BOOT	1
J	420235VM0	ADJUST SCREW	1
K	131705310	HEX SOCKET HEAD CAP SCREW M5X10	1
L	132404114	PHILLIPS HEAD MACHINE SCREW M5X14	4
M	132904221	SELF TAPPING SCREW 4X20	6
N	132105305	HEX SOCKET HEAD CAP SCREW M5X5	4
P	131309206	WASHER M6	1
Q	130301912	RETAINING RING H-12	1
R	131109001	O-RING S-3 (HS90°)	4
S	131103005	O-RING S-7	1
T	131103008	O-RING S-10	4
U	131103009	O-RING S-11.2	4
V	420224V61	EMERGENCY VALVE	1
W	420228V50	EMERGENCY BUSHING	1
X	136690503	EMERGENCY SWITCH	1
Y	420228W00	PUSH ROD	1
Z	131103002	O-RING S-4	2
AA	131103004	O-RING S-6	2
AB	131103008	O-RING S-10	1
AC	131103009	O-RING S-11.2	2
AD	130303204	RETAINING RING E-4	1
AE	131307105	WASHER M5	1
AF	P128	1/8 BSP COMPACT ELBOW C/W 60° CONE	4
AG	P071/1	1/8 BSP NIPPLE C/W 60° CONE	2
AH	P016/1	1/8 BSP TO 1/4 HOSETAIL SWIVEL	12
AJ	P002/1	1/4 HOSE FERRULE	12
AL		STRAINER WIRE	1
AK	1/4-HOSE	1/4 ANTI STATIC RUBBER HOSE	6