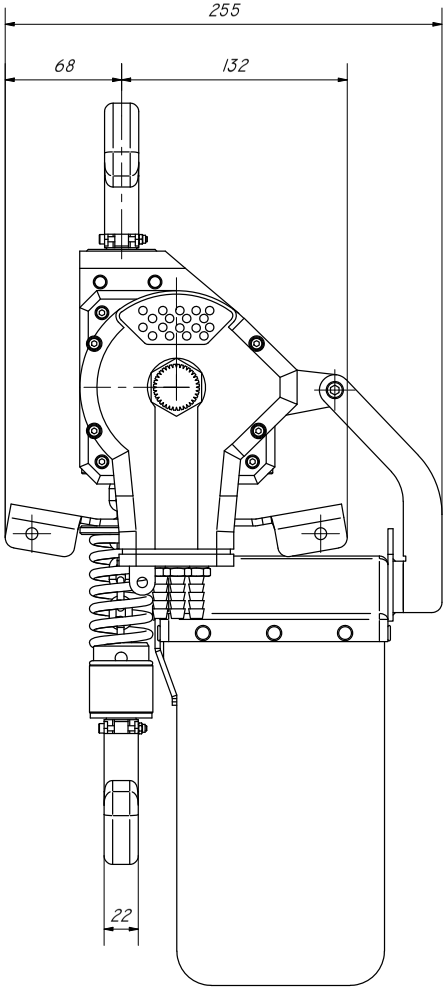
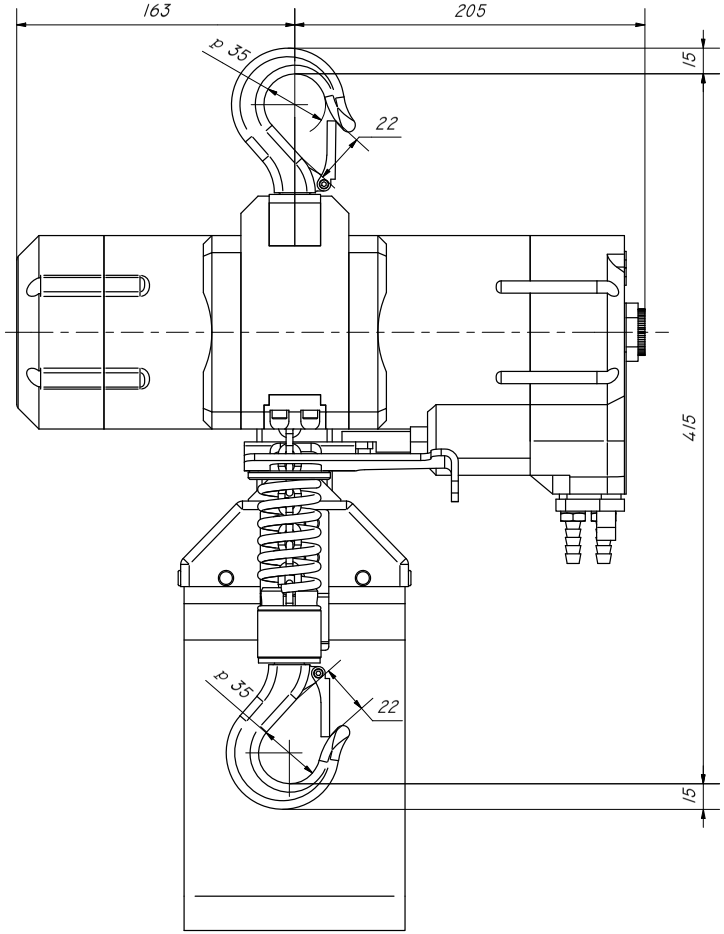
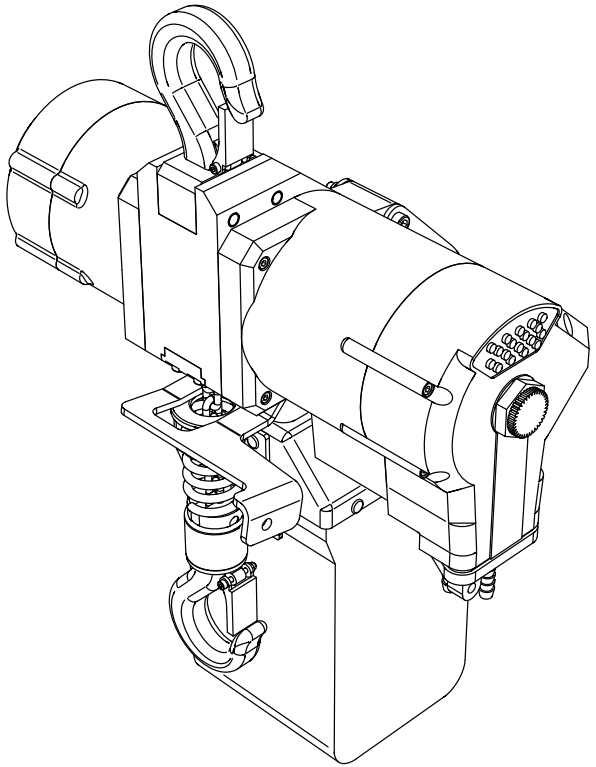
REVISION HISTORY		
REV.	DATE	APPROVED
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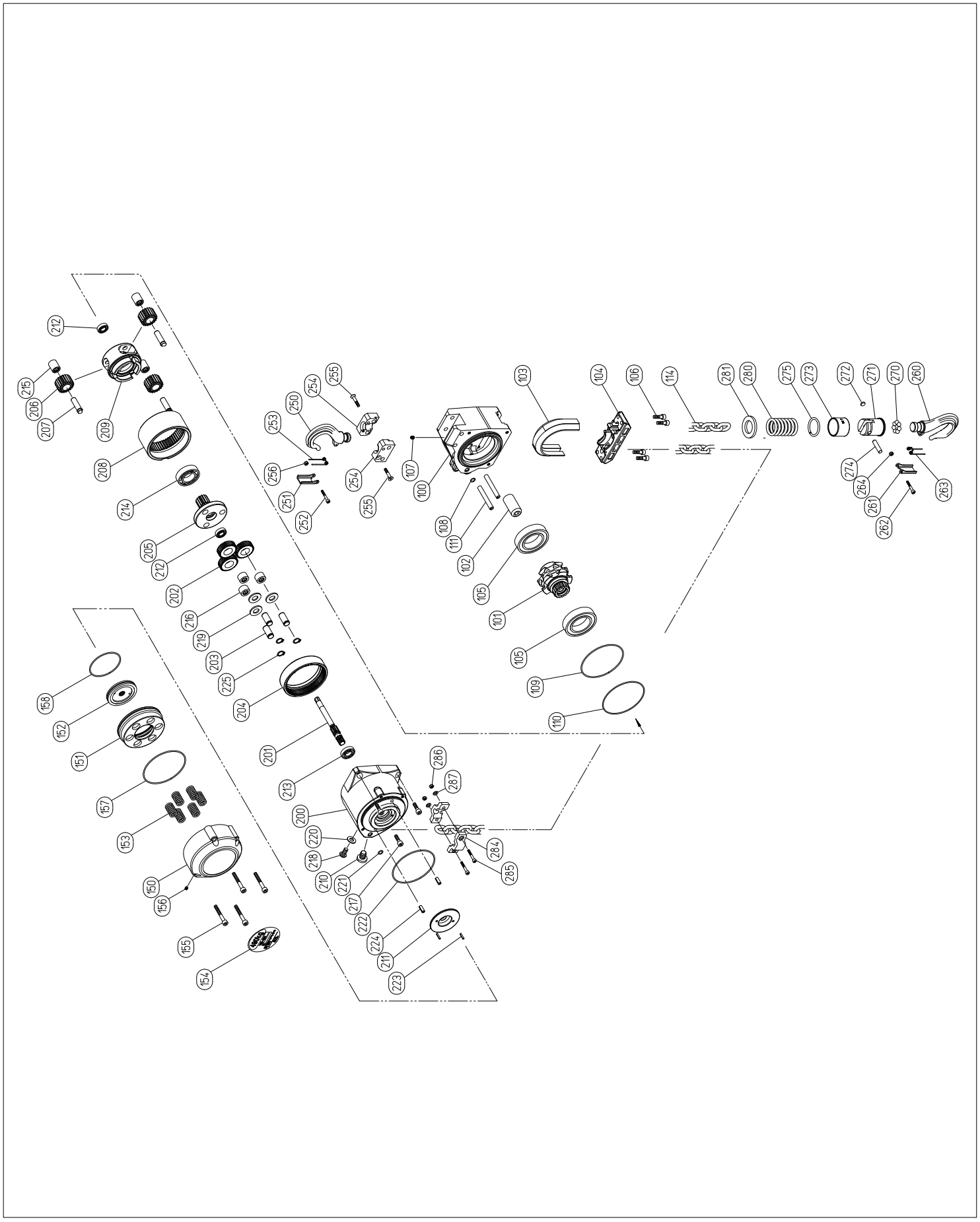


SCALE 1:3	MATERIAL			TITLE OF PART: GENERAL ASSEMBLY	PART NUMBER: DRG 1368C06 / / 1
		SURNAME	DATE	SIGNATURE	
DESIGNED BY	ADAM MIGALA	04/11/2010		RED ROOSTER LIFTING	DATE: 26/01/2018
DRAWN BY	E. CRICHTON	26/01/2018			REVISION: / WEIGHT: N/A
CHECKED BY					REPLACES DRAWING
APPROVED BY	B. AITKEN				PROFILE NUMBER
SHEET SIZE A3				TITLE OF PROJECT: TCS-500	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN MILIMETERS; TOLERANCES; LINEAR: UP TO 5 ± 0,05, OVER 5 UP TO 30 ± 0,1, OVER 30 UP TO 120 ± 0,2, OVER 120 UP TO 500 ± 0,25, OVER 500 UP TO 1000 ± 0,5, OVER 1000 ± 1; ANGULAR ± 0,5°; SURFACE ROUGHNESS N10; IF IN DOUBT ASK

RED ROOSTER LIFTING

Brake Gears Suspension Body - TCS-500
10.10.13

D01-AH12 REV0



RED ROOSTER LIFTING

Brake Gears Suspension Body - TCS-500
10.10.13

D01-AH12 REV0

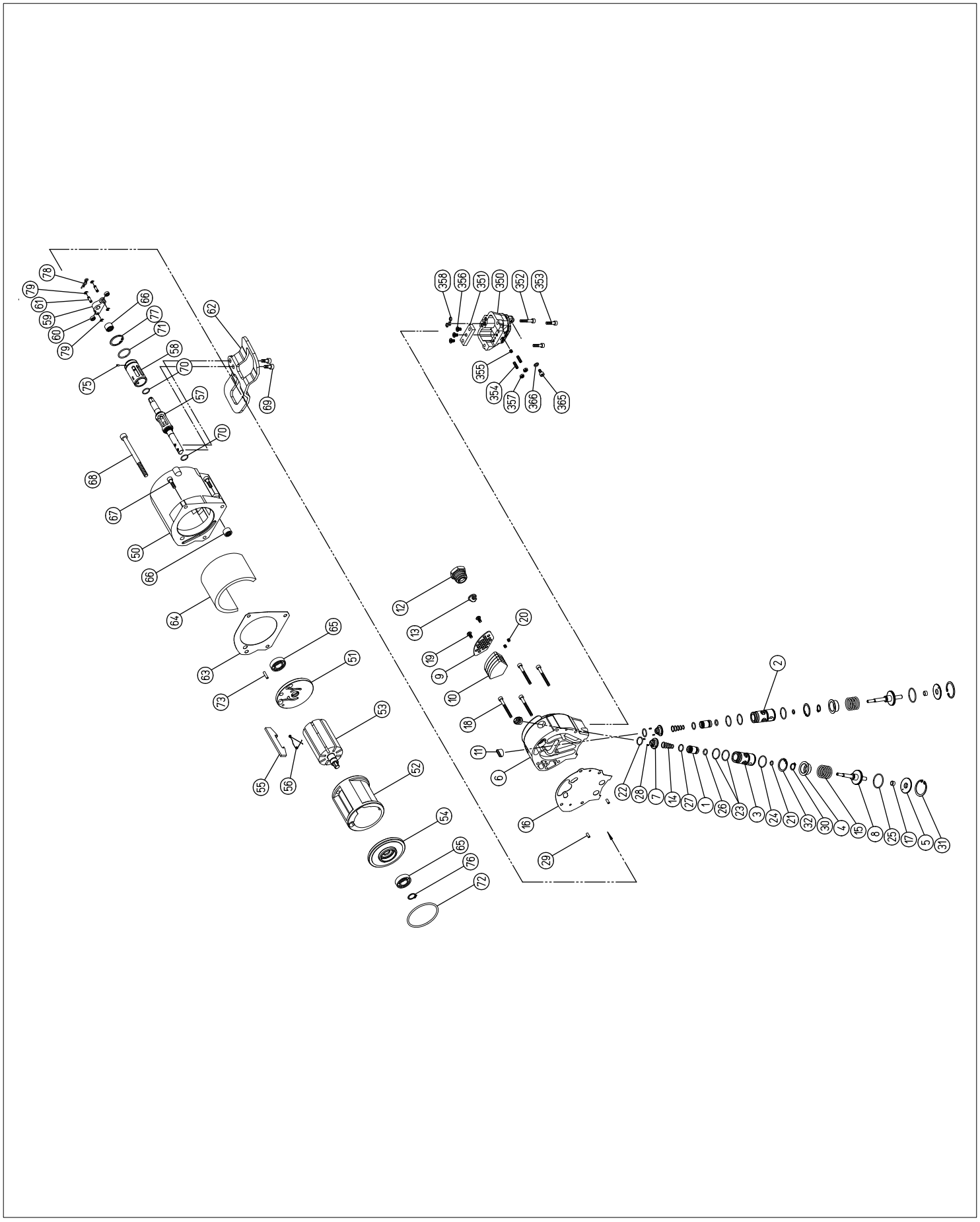
Fig. No.	Part Number	Part Name	Parts Per Hoist
100	426230A00	CENTRE HOUSING	1
101	426230A50	LOAD SHEAVE	1
102	426230200	COUPLING	1
103	426230350	CHAIN GUIDE	1
104	426230360	CHAIN SEPARATOR	1
105	130106009	BEARING 6008ZZ	2
106	131706020	HEX SOCKET HEAD CAP SCREW M6X20	4
107	132106006	HEX SOCKET SET SCREW M6X6	1
108	131103006	O-RING S-8	1
109	131103052	O-RING S-90	1
110	131117043	O-RING AS568-043	1
111	130608060	SPRING PIN 8X60	2
114	AHC63/80	CHAIN 6.3mm	HOL
150	426230410	BRAKE COVER	1
151	426230400	BRAKE PISTON	1
152	426230430	BRAKE DISC	1
153	130802213	DISC SPRING	6
154	137301064	NAME PLATE	1
155	131706045	HEX SOCKET HEAD CAP SCREW M6X45	4
156	132105005	HEX SOCKET SET SCREW M5X5	1
157	131103052	O-RING S-90	1
158	131103015	O-RING S-65	1
200	426230310	GEAR CASE	1
201	426230A60	FIRST PINION	1
202	426230A70	FIRST STAR GEAR	3
203	426230A80	FIRST PIN	3
204	426230E10	FIRST RING GEAR	1
205	426230E20	SECOND PINION	1
206	426230E30	SECOND STAR GEAR	3
207	426230E40	SECOND PIN	3
208	426230E50	SECOND RING GEAR	1
209	426230240	CAGE	1
210	426230890	LOCK SCREW	1
211	426230900	BRAKE PLATE	1
212	130113001	BEARING 6900	2
213	130120004	BEARING EE-4	1
214	130104006	BEARING 6005	1
215	130131020	NEEDLE BEARING TA1020Z	3
216	130131212	NEEDLE BEARING TA1212	3
217	131706020	HEX SOCKET HEAD CAP SCREW M6X20	3
218	131908015	HEX SOCKET BUTTON SCREW M8X15	1
219	131307012	WASHER M12	3
220	131307008	WASHER M8	1
221	131103006	O-RING S-8	1
222	131103052	O-RING S-90	1
223	130603014	SPRING PIN 3X14	2
224	130606015	SPRING PIN 6X15	2
225	130302012	RETAINING RING S-12	3
250	420982PF1	HOOK	1

Fig. No.	Part Number	Part Name	Parts Per Hoist
251	420620P11	HOOK SAFETY CLAW	1
252	131704028	HEX SOCKET HEAD CAP SCREW M4X28	1
253	130802046	HOOK SPRING	1
254	426230570	HOOK END PIECE	1
255	132805025	HEX FLAT HEAD MACHINE SCREWM5X25	2
256	134501004	U-NUT M4	1
260	426230931	SWIVEL HOOK	1
261	420620P11	HOOK SAFETY CLAW	1
262	131704028	HEX SOCKET HEAD CAP SCREW M4X28	1
263	130802046	HOOK SPRING	1
264	134501004	U-NUT M4	1
270	130502020	STEEL BALL 5/16	7
271	426230800	UNDER HOOK HOLDER	1
272	420846PY0	SWIVEL HOOK PLUG	1
273	426230760	SLEEVE	1
274	426230E70	SLEEVE PIN	1
275	130802286	LOCK RING	1
280	130802219	SPRING 30X55X5	1
281	426230G20	CHAIN WASHER	1
284	420620JF0	CHAIN DOWN STOPPER	2
285	131705022	HEX SOCKET HEAD CAP SCREW M5X22	2
286	134401005	HEX NUT M5	2
287	131301005	SPRING WASHER M5	2

RED ROOSTER LIFTING

Motor Valve Body - TCS-500 (Pendant)
10.10.13

D01-AH12 REV0



RED ROOSTER LIFTING

Motor Valve Body - TCS-500 (Pendant)
10.10.13

D01-AH12 REV0

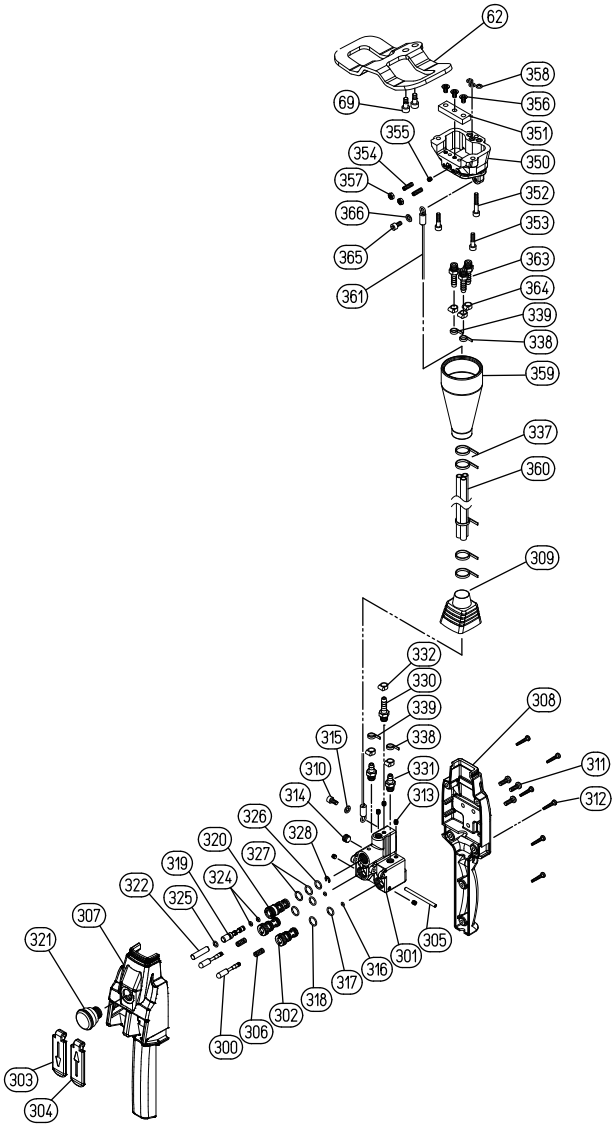
Fig. No.	Part Number	Part Name	Parts Per Hoist
001	420215VB0	THROTTLE VALVE	2
002	426230E90	VALVE BUSHING (U)	1
003	426230F00	VALVE BUSHING (D)	1
004	426230C70	SPRING SEAT	2
005	426230A20	VALVE CAP	2
006	426230060	VALVE BODY	1
007	426230A30	BUSH CAP	2
008	426230C60	PISTON	2
009	426230810	EXHAUST PLATE	1
010	137402023	SILENCER (S)	4
011	426230A10	ADJUST CAP	2
012	134703070	INLET BUSHING	1
013	136803032	NEXT SCREEN	1
014	130802221	VALVE SPRING	2
015	130802224	SPRING 26X20X2.6	2
016	136102165	VALVE GASKET	1
017	130219705	DU BUSH DUB0705	2
018	131705050	HEX SOCKET HEAD CAP SCREW M5X50	4
019	131905010	HEX SOCKET BUTOON SCREW M5X10	2
020	132105005	HEX SOCKET SET SCREW M5X5	2
021	131103005	O-RING S-7	2
022	131103013	O-RING S-15	2
023	131103016	O-RING S-20	4
024	131103017	O-RING S-22	2
025	131117023	O-RING AS568-023	2
026	131118012	O-RING AS568-012 (HS90)	2
027	131103011	O-RING S-12.5	2
028	130602004	SPRING PIN 2X4	4
029	130604010	SPRING PIN 4X10	2
030	130302012	RETAINING RING S-12	2
031	130301032	RETAINING RING H-32	2
032	130301025	RETAINING RING H-25	2
050	426230790	MOTOR CASE	1
051	126230180	REAR PLATE	1
052	426230160	CYLINDER	1
053	426230150	ROTOR	1
054	426230170	FRONT PLATE	1
055	137102032	VANE	8
056	130802212	LIFT SPRING	8
057	426230460	LIMIT SHAFT	1
058	426230A40	LIMIT SHAFT BUSHING	1
059	426230140	LIMIT LEVER	1
060	130128104	BEARING MR104ZZ	2
061	426230120	ROLLER SHAFT	2
062	426351110	CHAIN LEVER	1
063	136102166	MOTOR GASKET	1
064	137402024	SILENCER (M)	1
065	130104003	BEARING 6002	2
066	130151210	NEEDLE BEARING TLA1210	2

Fig. No.	Part Number	Part Name	Parts Per Hoist
067	131706020	HEX SOCKET HEAD CAP SCREW M6X20	3
068	131708110	HEX SOCKET HEAD CAP SCREW M8X110	1
069	131706014	HEX SOCKET HEAD CAP SCREW M6X14	2
070	131103012	O-RING S-14	2
071	131103019	O-RING S-24	1
072	131102009	O-RING G-65	1
073	130604016	SPRING PIN 4X16	1
075	130603005	SPRING PIN 3X5	1
076	130302015	RETAINING RING S-15	1
077	130301028	RETAINING RING H-28	1
078	130790008	SNAP PIN 8	1
079	130303003	RETAINING RING E-3	4
350	426233470	UNDER COVER	1
351	437402033	PIROT SILENCER	1
352	131705030	HEX SOCKET HEAD CAP SCREW M5X30	1
353	131705020	HEX SOCKET CAP SCREW M5X20	2
354	132105016	HEX SOCKET SET SCREW M5X16	2
355	132105005	HEX SOCKET SET SCREW M5X5	1
356	132905206	CROSS HEAD FLAT MACHINE SCREW M5X6	3
357	134403205	HEX NUT M5	2
358	131103004	O-RING S-6	3
365	131705010	HEX SOCKET HEAD CAP SCREW M5X10	1
366	131307005	WASHER M5	1

RED ROOSTER LIFTING

Pendant Body - TCS-500
10.10.13

D01-AH12 REV0



RED ROOSTER LIFTING

Pendant Body - TCS-500 Mini Hoist
10.10.13

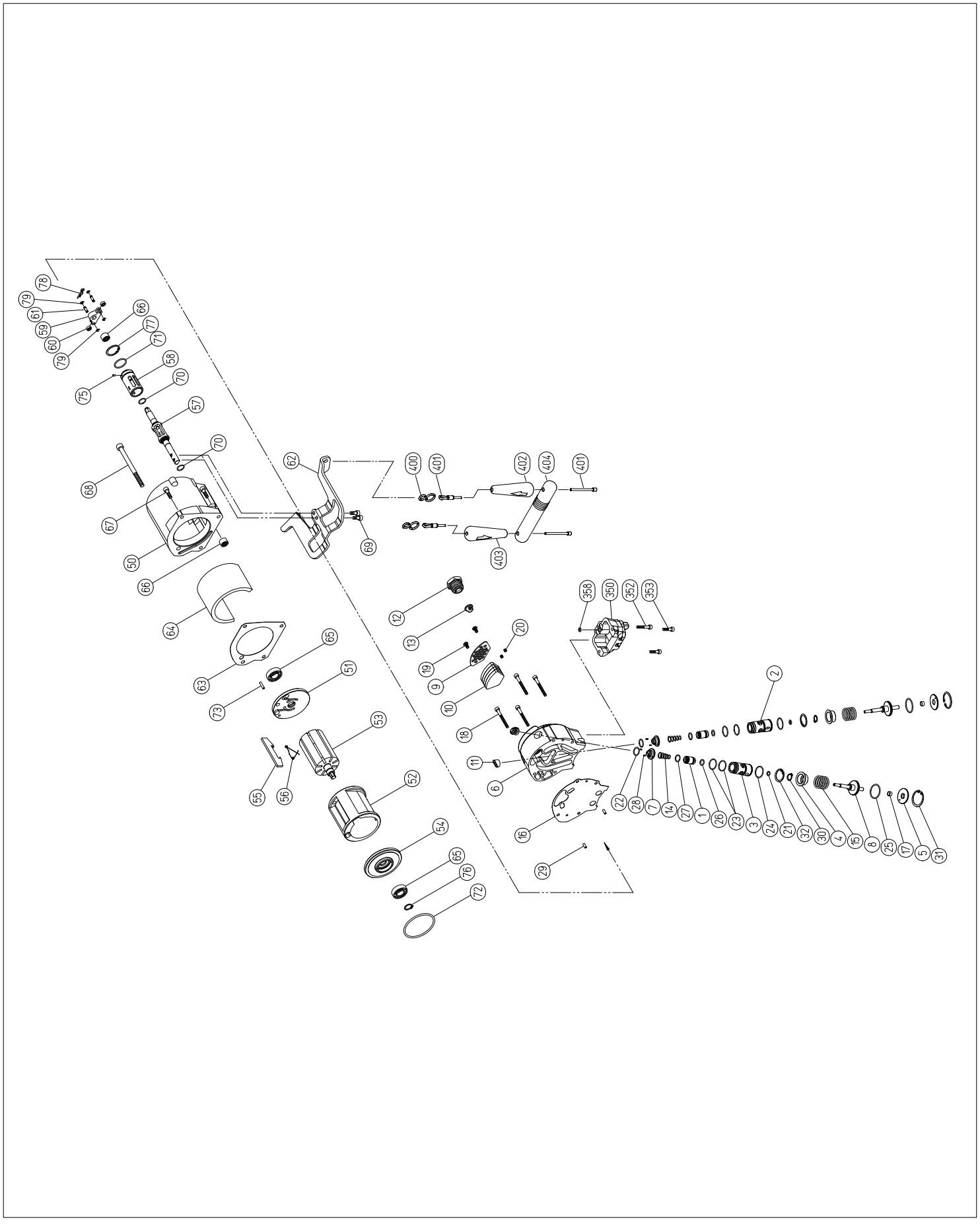
D01-AH12 REV0

Fig. No.	Part Number	Part Name	Parts Per Hoist
062	426351110	CHAIN LEVER	1
069	131706014	HEX SOCKET HEAD CAP SCREW M6X14	2
300	420218VB0	THROTTLE VALVE	2
301	420224VR0	VALVE BODY	1
302	420218VF0	BUSHING	2
303	420223W40	LEVER D	1
304	420223W30	LEVER U	1
305	130402052	LEVER PIN	1
306	130802220	SPRING 6X14X0.6	2
307	420223W50	FRONT CASE	1
308	420223W60	REAR CASE	1
309	136608254	BOOT	1
310	131705010	HEX SOCKET HEAD CAP SCREW M5X10	1
311	132405014	CROSS RECESSED HEAD MACHINE SCREW M5X14	3
312	132904220	P-TIGHT 4X20	6
313	132105005	HEX SOCKET SET SCREW M5X5	5
314	134902003	HEX SOCKET PIPE PLUG PT1/8	1
315	131307005	WASHER M5	1
316	131109001	O-RING S-3 (HS90)	2
317	131103008	O-RING S-10	2
318	131103009	O-RING S-11.2	2
319	420224V60	EMERGENCY VALVE	1
320	420224V50	EMERGENCY BUSHING	1
321	136690502	EMERGENCY SWITCH N	1
322	130402073	PUSH ROD N	1
324	131103002	O-RING S-4	2
325	131103004	O-RING S-6	1
326	131103008	O-RING S-10	1
327	131103009	O-RING S-11.2	2
328	130303004	RETAINING RING E-4	1
330	135106301	HOSE NIPPLE H-1 PT1/8-7	1
331	426230E80	HOSE NIPPLE (S)	2
332	137501012	HOSE BAND 5.6~16	3
337	137502034	BAND 100 RED	5
338	137502036	BAND 100 WHITE	2
339	137502037	BAND 100 BLACK	2
350	426230470	UNDER COVER	1
351	137402033	PIROT SILENCER	1
352	131705030	HEX SOCKET HEAD CAP SCREW M5X30	1
353	131705020	HEX SOCKET HEAD CAP SCREW M5X20	2
354	132105016	HEX SOCKETSET SCREW M5X16	2
355	132105005	HEX SOCKET SET SCREW M5X5	1
356	132905206	CROSS HEAD FLAT MACHINE SCREW M5X6	3
357	134403205	HEX NUT M5	2
358	131103004	O-RING S-6	3
359	136608250	BOOT	1
360	137240924	POLYURETHANE HOSE HR-6R 2M	3
361	426230F1B	PENDANT WIRE CP	1
363	135106301	HOSE NIPPLE H-1 PT1/8-7	3
364	137501012	HOSE BAND 5.6~16	3
365	131705010	HEX SOCKET HEAD CAP SCREW M5X10	1
366	131307005	WASHER M5	1

RED ROOSTER LIFTING

Motor Valve Body - TCS-500 (Cord)
10.10.13

D01-AH12 REV0



RED ROOSTER LIFTING

Motor Valve Body - TCS-500 (Cord)
10.10.13

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Fig. No.	Part Number	Part Name	Parts Per Hoist
001	420215VB0	THROTTLE VALVE	2
002	426230E90	VALVE BUSHING (U)	1
003	426230F00	VALVE BUSHING (D)	1
004	426230C70	SPRING SEAT	2
005	426230A20	VALVE CAP	2
006	426230060	VALVE BODY	1
007	426230A30	BUSH CAP	2
008	426230C60	PISTON	2
009	426230810	EXHAUST PLATE	1
010	137402023	SILENCER (S)	4
011	426230A10	ADJUST CAP	2
012	134703070	INLET BUSHING	1
013	136803032	NEXT SCREEN	1
014	130802221	VALVE SPRING	2
015	130802224	SPRING 26X20X2.6	2
016	136102165	VALVE GASKET	1
017	130219705	DU BUSH DUB0705	2
018	131705050	HEX SOCKET HEAD CAP SCREW M5X50	4
019	131905010	HEX SOCKET BUTOON SCREW M5X10	2
020	132105005	HEX SOCKET SET SCREW M5X5	2
021	131103005	O-RING S-7	2
022	131103013	O-RING S-15	2
023	131103016	O-RING S-20	4
024	131103017	O-RING S-22	2
025	131117023	O-RING AS568-023	2
026	131118012	O-RING AS568-012 (HS90)	2
027	131103011	O-RING S-12.5	2
028	130602004	SPRING PIN 2X4	4
029	130604010	SPRING PIN 4X10	2
030	130302012	RETAINING RING S-12	2
031	130301032	RETAINING RING H-32	2
032	130301025	RETAINING RING H-25	2
050	426230790	MOTOR CASE	1
051	126230180	REAR PLATE	1
052	426230160	CYLINDER	1
053	426230150	ROTOR	1
054	426230170	FRONT PLATE	1
055	137102032	VANE	8
056	130802212	LIFT SPRING	8
057	426230460	LIMIT SHAFT	1
058	426230A40	LIMIT SHAFT BUSHING	1
059	426230140	LIMIT LEVER	1
060	130128104	BEARING MR104ZZ	2
061	426230120	ROLLER SHAFT	2
062	426230110	CHAIN LEVER	1
063	136102166	MOTOR GASKET	1
064	137402024	SILENCER (M)	1
065	130104003	BEARING 6002	2
066	130151210	NEEDLE BEARING TLA1210	2

Fig. No.	Part Number	Part Name	Parts Per Hoist
067	131706020	HEX SOCKET HEAD CAP SCREW M6X20	3
068	131708110	HEX SOCKET HEAD CAP SCREW M8X110	1
069	131706014	HEX SOCKET HEAD CAP SCREW M6X14	2
070	131103012	O-RING S-14	2
071	131103019	O-RING S-24	1
072	131102009	O-RING G-65	1
073	130604016	SPRING PIN 4X16	1
075	130603005	SPRING PIN 3X5	1
076	130302015	RETAINING RING S-15	1
077	130301028	RETAINING RING H-28	1
078	130790008	SNAP PIN 8	1
079	130303003	RETAINING RING E-3	4
350	426230470	UNDER COVER	1
352	131705030	HEX SOCKET HEAD CAP SCREW M5X30	1
353	131705020	HEX SOCKET CAP SCREW M5X20	2
358	131103004	O-RING S-6	1
400	130802081	S-TYPE WIRE	2
401	138001015	CHANGE CORD (H0L)	2
402	136602625	GRIP (W)	1
403	136602626	GRIP (R)	1
404	136602627	HANDLE	1