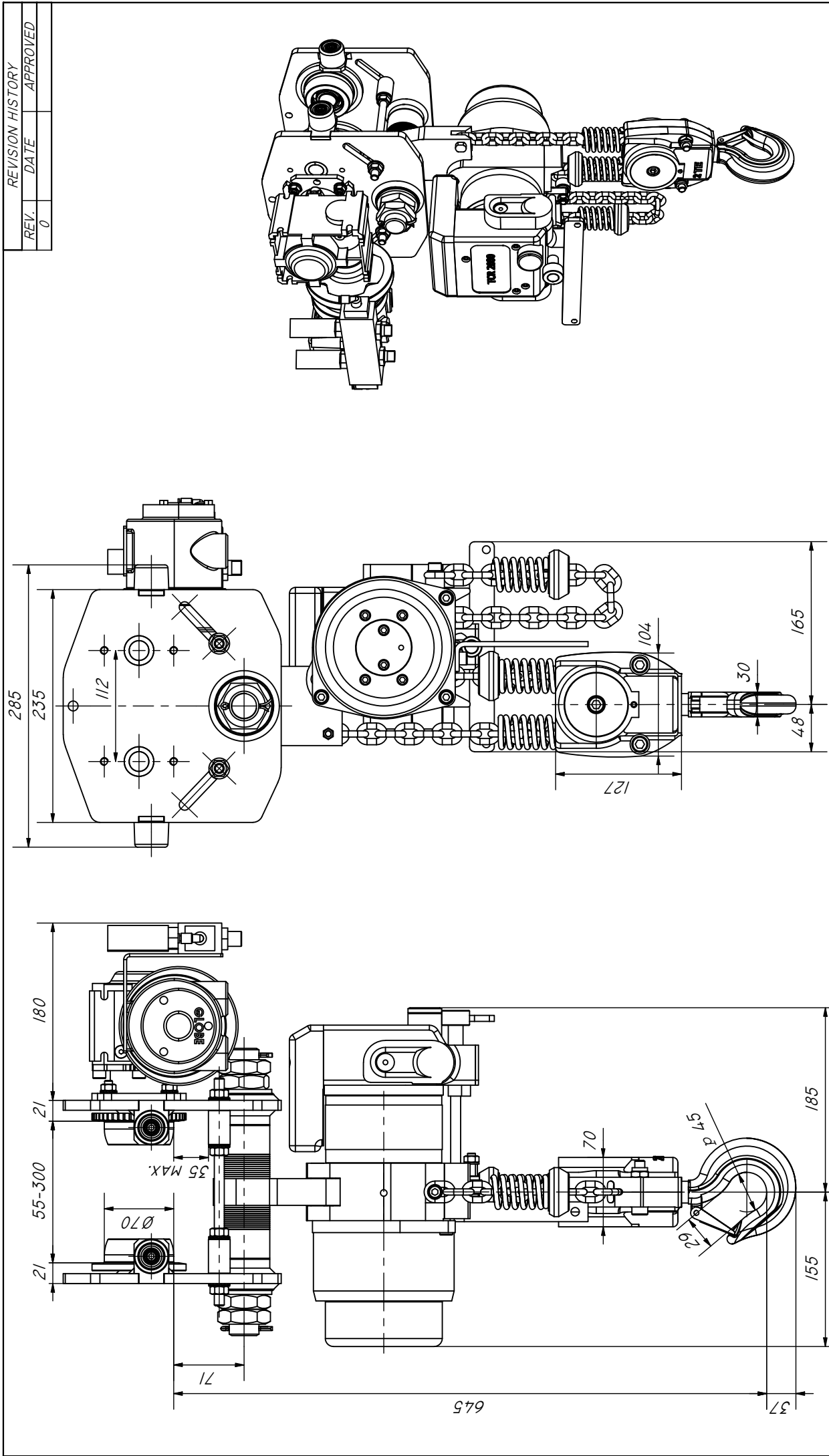


REVISION HISTORY		
REV.	DATE	APPROVED
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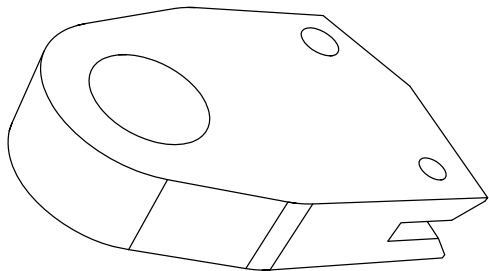
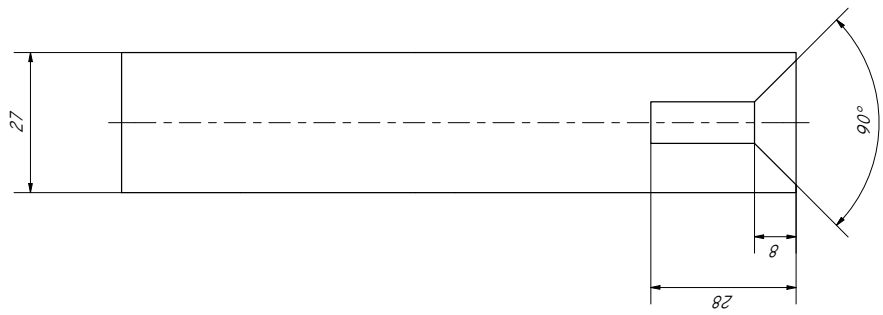
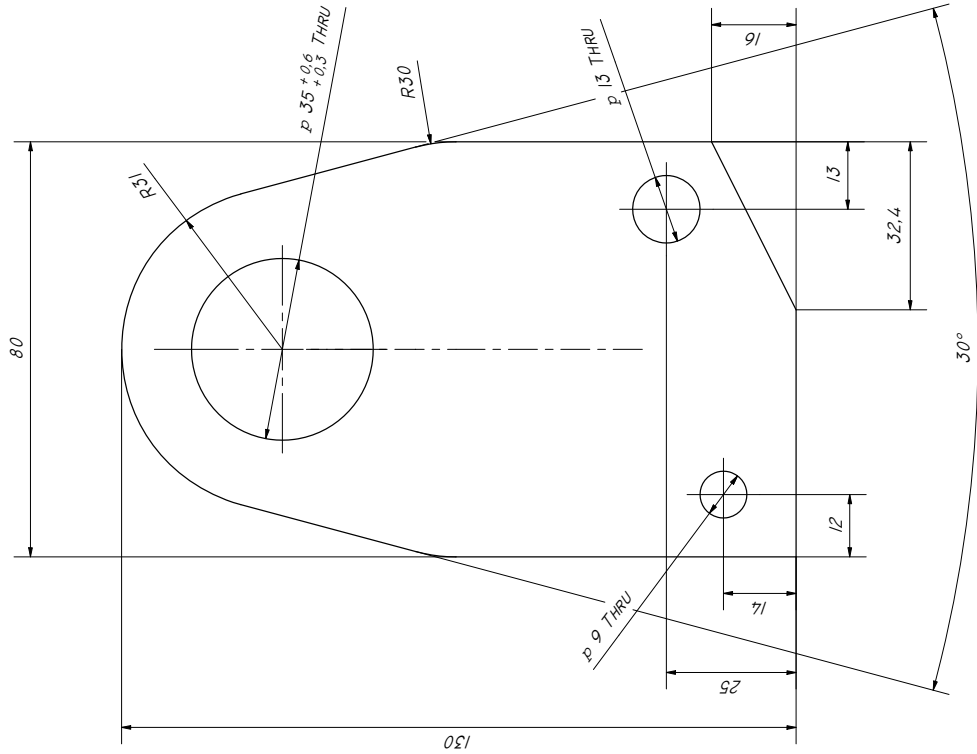
TITLE OF PART			
2T HOIST AND TROLLEY			
 RED ROOSTER LIFTING SAULTA HOUSE, THE WEAVERS OLDHOLDRUP, ABERDEENSHIRE, AB51 0EZ TEL: +44(0)1463 872101 WWW.REDSOFTENLIFTING.COM			
SCALE NOT TO SCALE		MATERIAL	
DESIGNED BY	TOMASZ	SURNAME	SIGNATURE
DRAWN BY	T. MIKOLAJEWSKI	DATE	03/05/2013
CHECKED BY			
APPROVED BY	B. AITKEN		
SHEET SIZE A4		TITLE OF PROJECT	
		TCR-2000/2-AT2S	

PART NUMBER	
DRG 1500-00	
1 / 1	

UNLESS OTHERWISE SPECIFIED	
ALL DIMENSIONS ARE IN MILLIMETERS	
TOLERANCES	
LINEAR	
UP TO 5 b 0,05	
OVER 5 UP TO 30 b 0,1	
OVER 30 UP TO 100 b 0,15	
OVER 100 UP TO 1000 b 0,2	
OVER 1000 b 0,3	
ANGULAR b 0,5°	
SURFACE ROUGHNESS $\sqrt{R}$	
IF IN DOUBT ASK	

DATE		29/01/2018	
REVISION		0	
WEIGHT		67kg	
REPLACES DRAWING		-	
PROFILE NUMBER		-	

REVISION HISTORY		
REV.	DATE	APPROVED
0		



SCALE		MATERIAL		TITLE OF PART		PART NUMBER	
1:1				TOP EYE		DRG 1500D-20	
DESIGNED BY		DATE		DATE			
T. MINGALEVSKI		01/05/2015		30/01/2018			
DRAWN BY		SIGNATURE		REVISION WEIGHT			
E. CRICHTON				0			
CHECKED BY				REPLACES DRAWING			
B. AITKEN							
APPROVED BY		TITLE OF PROJECT		PROFILE NUMBER			
		2TE HOIST AND TROLLEY					
SHEET SIZE							
A3							

UNLESS SPECIFIED OTHERWISE
 ALL DIMENSIONS ARE IN MILLIMETERS
 TOLERANCES
 LINEAR
 UP TO 30 ±0.3
 OVER 30 UP TO 60 ±0.4
 OVER 60 UP TO 100 ±0.5
 OVER 100 ±0.6
 ANGULAR ±0.5°
 SURFACE FINISHNESS $\sqrt{1.6}$
 IF IN DOUBT ASK

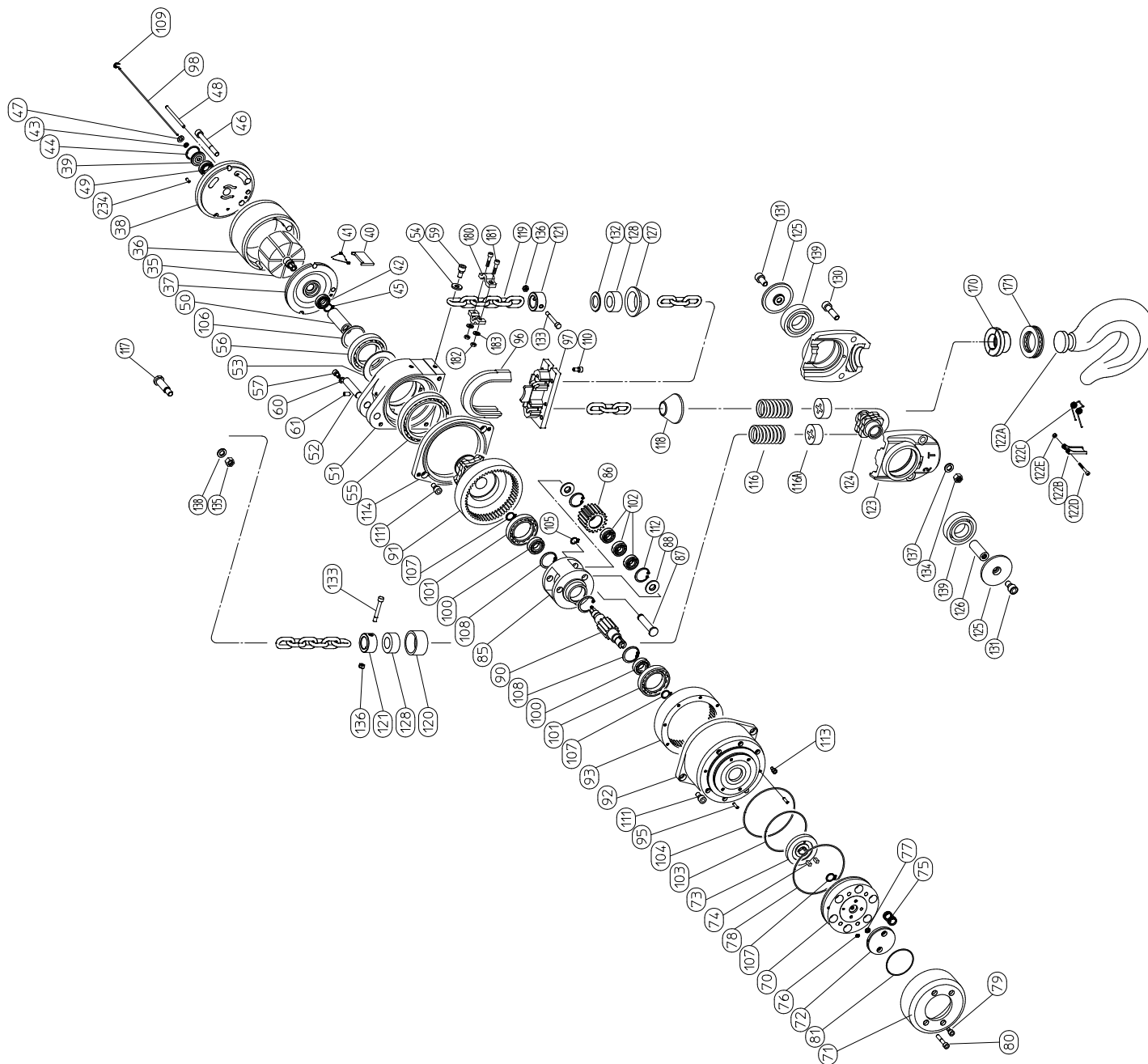


Fig. No.	Part Number	Part Name	Parts Per Hoist	Fig. No.	Part Number	Part Name	Parts Per Hoist
035	426224151	ROTOR	1	101	130113008	BEARING 6908	2
036	426224161	STATOR	1	102	130104002	BEARING 6001	9
037	426224171	FRONT PLATE	1	103	131117042	O-RING AS568-042	1
038	426224184	REAR PLATE	1	104	131103055	O-RING S-105	1
039	426224191	REAR RETAINER	1	105	130302012	RETAINING RING S-12	3
040	137102120	VANE	8	106	130302045	RETAINING RING S-45	1
041	130802235	LIFT SPRING	8	107	130302015	RETAINING RING S-15	3
042	130113002	BEARING 6902	1	108	130301032	RETAINING RING H-32	2
043	131103004	O-RING S-6	1	109	130303005	RETAINING RING E-5	1
044	131103023	O-RING S-29	1	110	131706012	HEX SOCKET HEAD CAP SCREW M6X12	4
045	130302015	RETAINING RING S-15	1	111	131708016	HEX SOCKET HEAD CAP SCREW M8X16	6
046	131708075	HEX SOCKET HEAD CAP SCREW M8X75	3	112	130301028	RETAINING RING H-28	6
047	131307006	WASHER M6	1	113	131705010	HEX SOCKET HEAD CAP SCREW M5X10	6
048	130402051	KNOCK PIN	1	114	426266640	ADAPTER	1
049	130104003	BEARING 6002	1	116	130802219	SPRING 30X55X5	2
050	426224200	COUPLING	1	116A	426291G50	LIMIT WASHER	2
051	426224212	WHEEL HOUSING	1	117	426286580	HOOK JOINT BOLT	1
052	426224220	HANGER PIN	1	118	426286630	FREE LIMIT LOCK	1
053	426224230	SPACER 1		119	AHC71/80	LINK CHAIN 7.1mm	HOL
054	426261R50	WASHER	1	120	426286620	HOLDER	1
055	130113015	BEARING 6915	1	121	426266390	END STOPPER	2
056	130104010	BEARING 6009	1	122	420645PAE	HOOK (W/SAFETY CLAW)	1
057	131706012	HEX SOCKET HEAD CAP SCREW M6X12	1	122A	420645PF1	HOOK	1
059	131708025	HEX SOCKET HEAD CAP SCREW M8X25	1	122B	420645911	HOOK SAFETY CLAW	1
060	426221R50	WASHER	1	122C	130802046	HOOK SPRING	1
061	132108012	HEX SOCKET SET SCREW M8X12	1	122D	131704028	HEX SOCKET HEAD CAP SCREW M4X28	1
070	426224401	BRAKE PISTON	1	122E	134501004	U-NUT M4	1
071	426224410	BRAKE COVER	1	123	426286590	UNDER HOOK METAL	1
072	426224421	PISTON COVER	1	124	426001RB0	FREE CHAIN WHEEL	1
073	426224430	BRAKE DISC	1	125	420866QH0	UNDER HOOK METAL COVER	2
074	130408081	KEY	2	126	420866Q10	UNDER HOOK METAL SHAFT	1
075	130802213	DISC SPRING	6	127	426266450	LIMIT LOCK	1
076	131103002	O-RING S-4	1	128	136206003	SHOCK ABSORBER	2
077	131101004	O-RING P-6	1	130	131710045	HEX SOCKET HEAD CAP SCREW M10X45	2
078	131103055	O-RING S-105	1	131	131710020	HEX SOCKET HEAD CAP SCREW M10X20	2
079	131706012	HEX SOCKET HEAD CAP SCREW M6X12	2	132	426266C80	LIMIT WASHER	1
080	131706040	HEX SOCKET HEAD CAP SCREW M6X40	4	133	426224680	END BOLT	2
081	131117033	O-RING AS568-033	1	134	134501010	U-NUT M10	2
085	426266240	CAGE	1	135	134501008	U-NUT M8	1
086	426266250	STAR GEAR	3	136	134501006	U-NUT M6	2
087	426266260	PIN	3	137	131301010	SPRING WASHER M10	2
088	426266270	THRUST COLLAR	6	138	131307008	WASHER M8	1
090	426266290	PINION	1	139	130109007	BEARING 6206ZZ	2
091	426266300	WHEEL	1	170	426286710	THRUST RING	1
092	426266310	GEAR CASE	1	171	130121108	THRUST BEARING 51108	1
093	426266320	RING GEAR	1	180	420620JF0	CHAIN DOWN STOPPER	2
095	426266340	DOWEL PIN	4	181	131705022	HEX SOCKET HEAD CAP SCREW M5X22	2
096	426266351	CHAIN GUIDE	1	182	134401005	HEX NUT M5	2
097	426266360	CHAIN SEPARATOR	1	183	131301005	SPRING WASHER M5	2
098	426224381	BRAKE TUBE	1	234	130406005	PARALLEL PIN 4X10 (H7)	2
100	130104003	BEARING 6002	2				

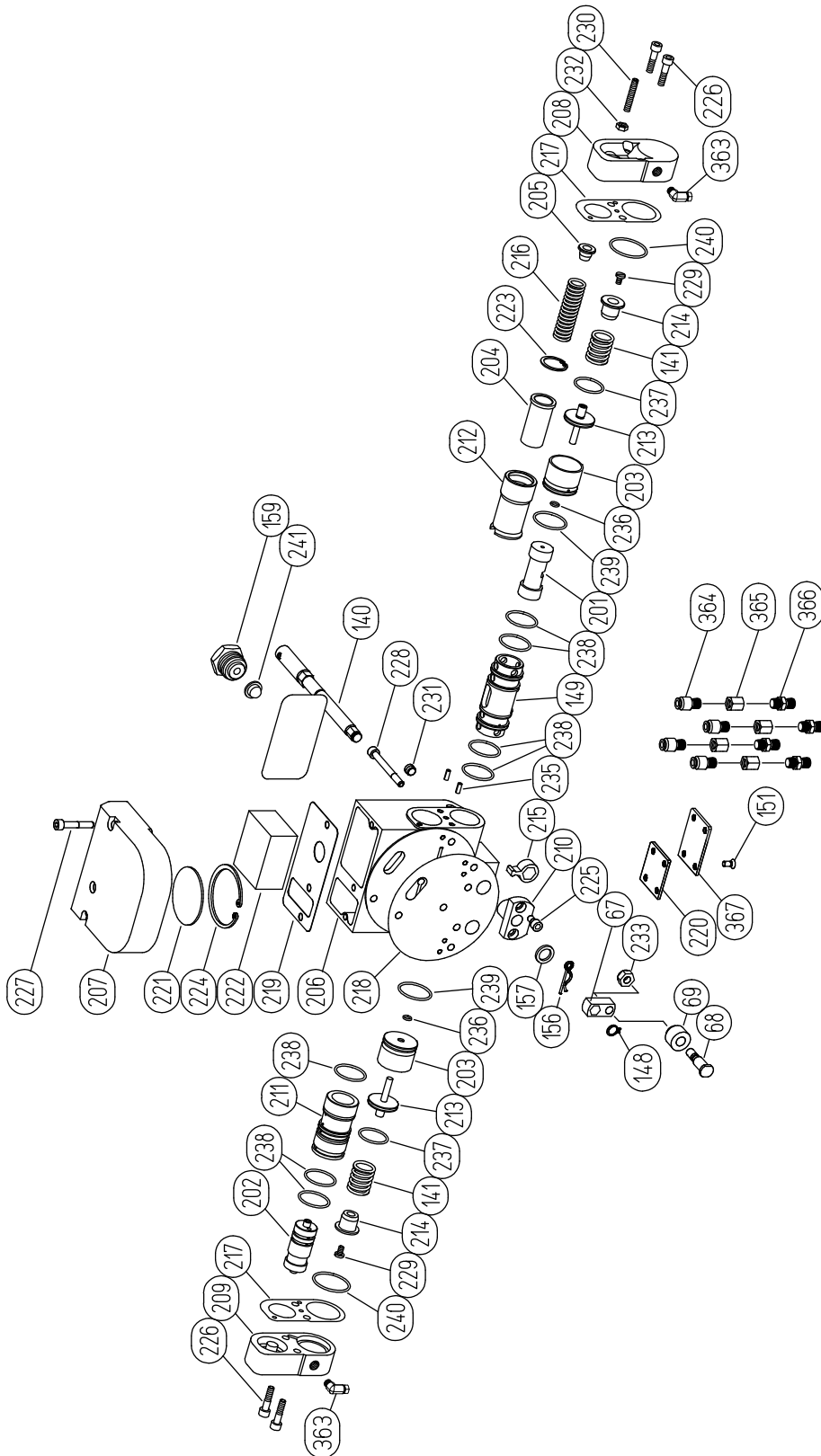
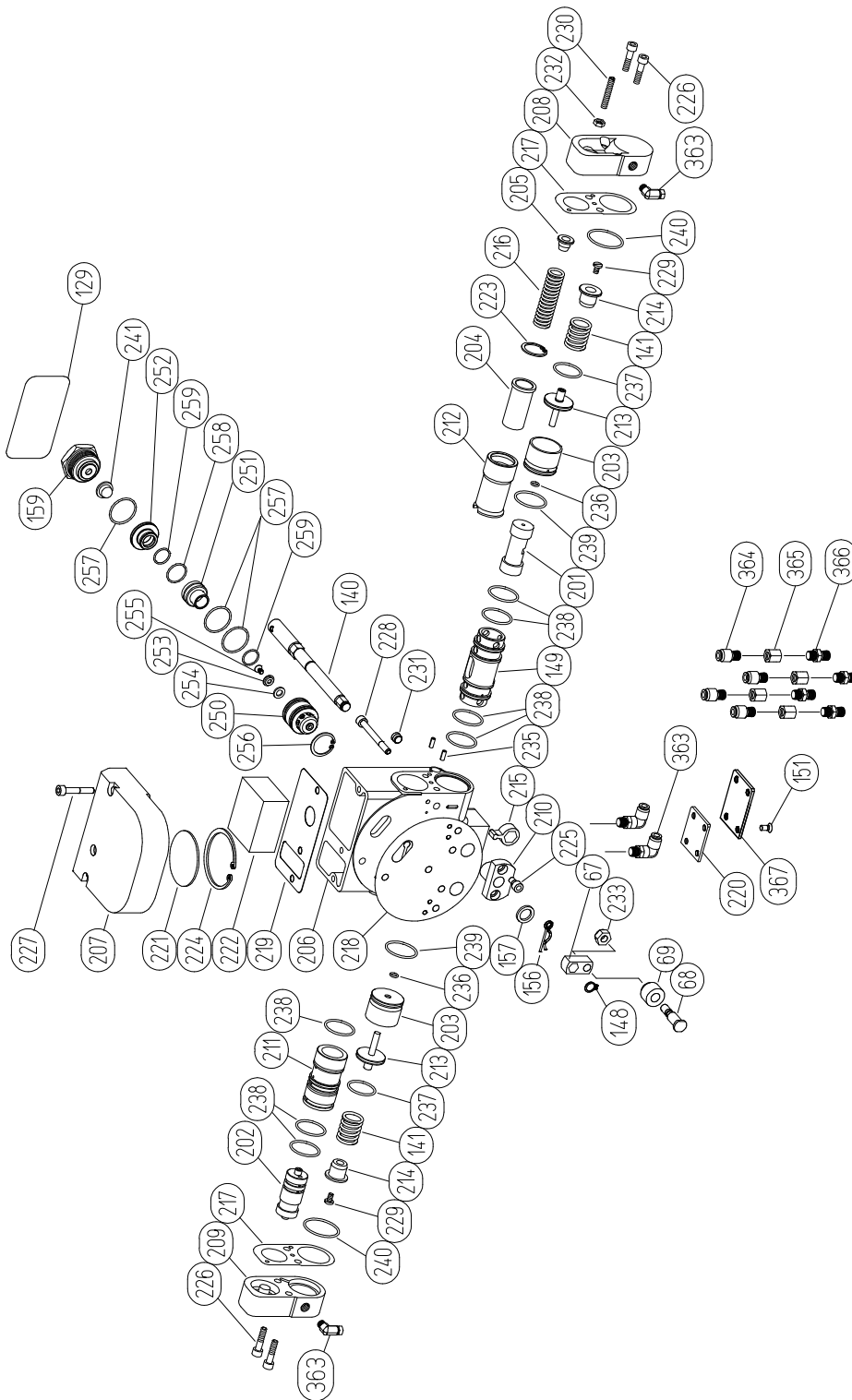


Fig. No.	Part Number	Part Name	Parts Per Hoist
067	426224110	CHAIN LEVER	1
068	426224120	ROLLER SHAFT	1
069	426224130	LIMIT ROLLER	1
140	426224460	LIMIT SHAFT	1
141	130802217	SPRING 19.5X25X2.6	2
148	130302010	RETAINING RING S-10	1
149	426224C30	MAIN BUSHING	1
151	132805010	HEX FLAT HEAD MACHINE SCREW M5X10	4
156	130790012	SNAP PIN 12	1
157	426325750	WASHER	1
159	134703060	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	136102162	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 PIPE PLUG 1/8	1
232	134403006	HEX NUT M6	1
233	134501008	U-NUT M8	1
235	130604010	SPRING PIN 4X10	2
236	131103004	O-RING S-6	2
237	131103021	O-RING S-26	2

Fig. No.	Part Number	Part Name	Parts Per Hoist
238	131103022	O-RING S-28	7
239	131103024	O-RING S-30	2
240	131103027	O-RING S-34	2
241	136803032	1/2 NET SCREEN	1
363	P091	1/8 BSP TO 6MM BANJO	2
364	P087	1/8 BSP TO 6MM PUSH FIT	4
365	P044	1/8 BSP FEMALE SOCKET	4
366	P071/1	1/8 BSP HEX NIPPLE c/w 60° CONE	4
367A	COND/BRKT/HOIST	PENDANT BRACKET 9M BELOW	1
367B	COND/BRKT/SYJA2	PENDANT BRACKET 10M ABOVE	1
367C	DRG1354-05	PENDANT BRACKET 9M BELOW	1
367D	DRG1354-04	PENDANT BRACKET 10M ABOVE	1

Built-In Mains Emergency Stop Valve Pendant Body - TCR-2000/2-AT2S



Built-In Mains Emergency Stop Valve Pendant Body - TCR-2000/2-AT2S

Fig. No.	Part Number	Part Name	Parts Per Hoist
067	426224110	CHAIN LEVER	1
068	426224120	ROLLER SHAFT	1
069	426224130	LIMIT ROLLER	1
134	137109078	NAME PLATE	1
140	426224460	LIMIT SHAFT	1
141	130802217	SPRING 19.5X25X2.6	2
148	130302010	RETAINING RING S-10	1
149	426224C30	MAIN BUSHING	1
151	132805010	HEX FLAT HEAD MACHINE SCREW M5X10	4
156	130790012	SNAP PIN 12	1
157	426325750	WASHER	1
159	426226G60	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	426226060	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	136102162	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 PIPE PLUG 1/8	1
232	134403006	HEX NUT M6	1
233	134501008	U-NUT M8	1
235	130604010	SPRING PIN 4X10	2
236	131103004	O-RING S-6	2
237	131103021	O-RING S-26	2

Fig. No.	Part Number	Part Name	Parts Per Hoist
238	131103022	O-RING S-28	7
239	131103024	O-RING S-30	2
240	131103027	O-RING S-34	2
241	136803032	1/2 NET SCREEN	1
250	426226G70	MAIN CUT BUSHING	1
251	426226G80	MAIN VALVE	1
252	426226G90	MAIN CUT CAP	1
253	426226H00	MAIN CUT HOLDER	1
254	136102167	MAIN CUT SEAT	1
255	132904208	CROSS RECESSED HEAD SCREWS M4X8	1
256	130301030	RETAINING RING H-30	1
257	131117023	O-RING AS568-023	3
258	131103016	O-RING S-20	1
259	131103014	O-RING S-16	2
363	P091	1/8 BSP TO 6MM BANJO	4
364	P087	1/8 BSP TO 6MM PUSH FIT	4
365	P044	1/8 BSP FEMALE SOCKET	4
366	P071/1	1/8 BSP HEX NIPPLE c/w 60° CONE	4
367A	COND/BRKT/HOIST	PENDANT BRACKET 9M BELOW	1
367B	COND/BRKT/SYJA2	PENDANT BRACKET 10M ABOVE	1
367C	DRG1354-05	PENDANT BRACKET 9M BELOW	1
367D	DRG1354-04	PENDANT BRACKET 10M ABOVE	1



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