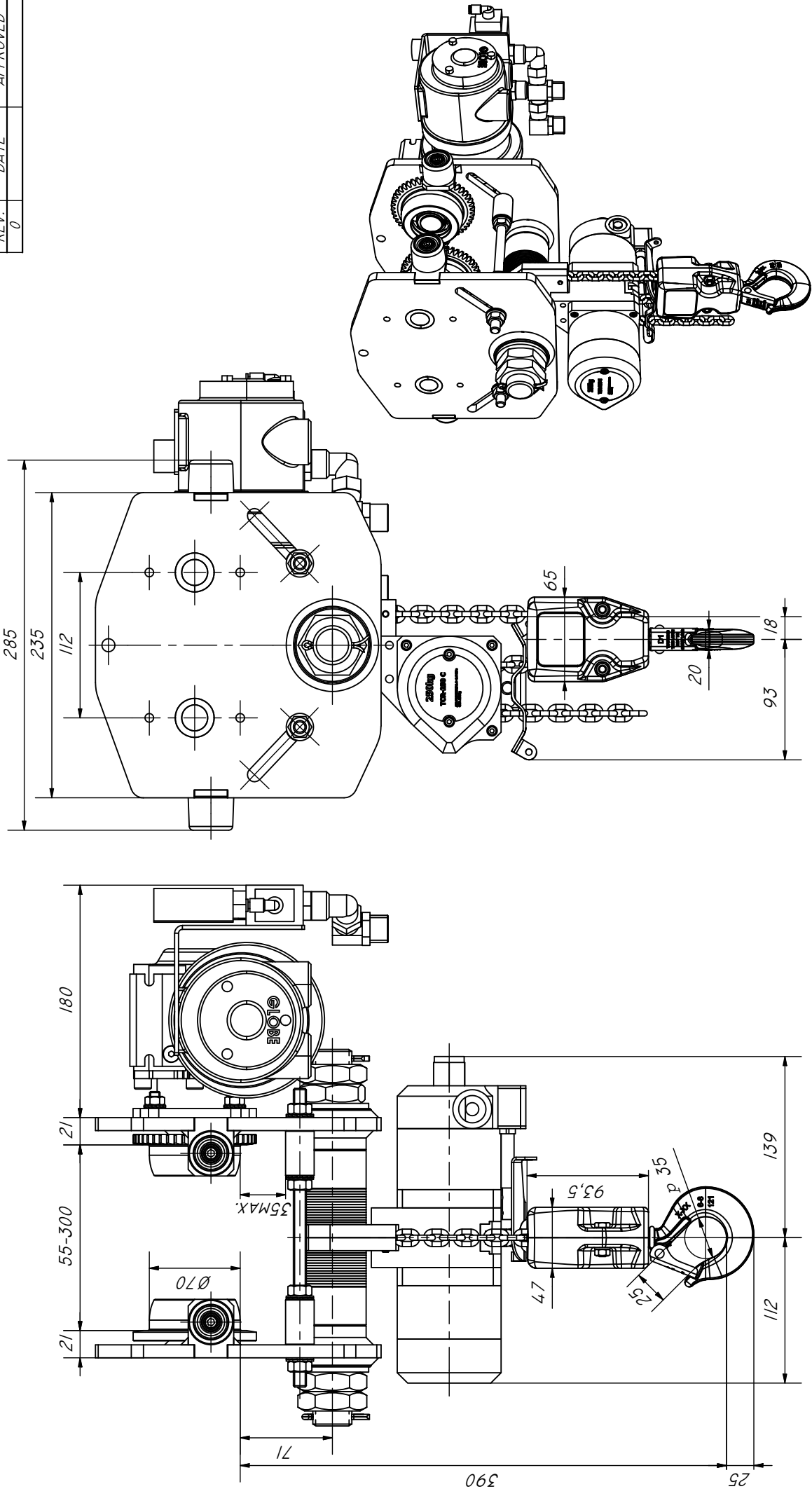


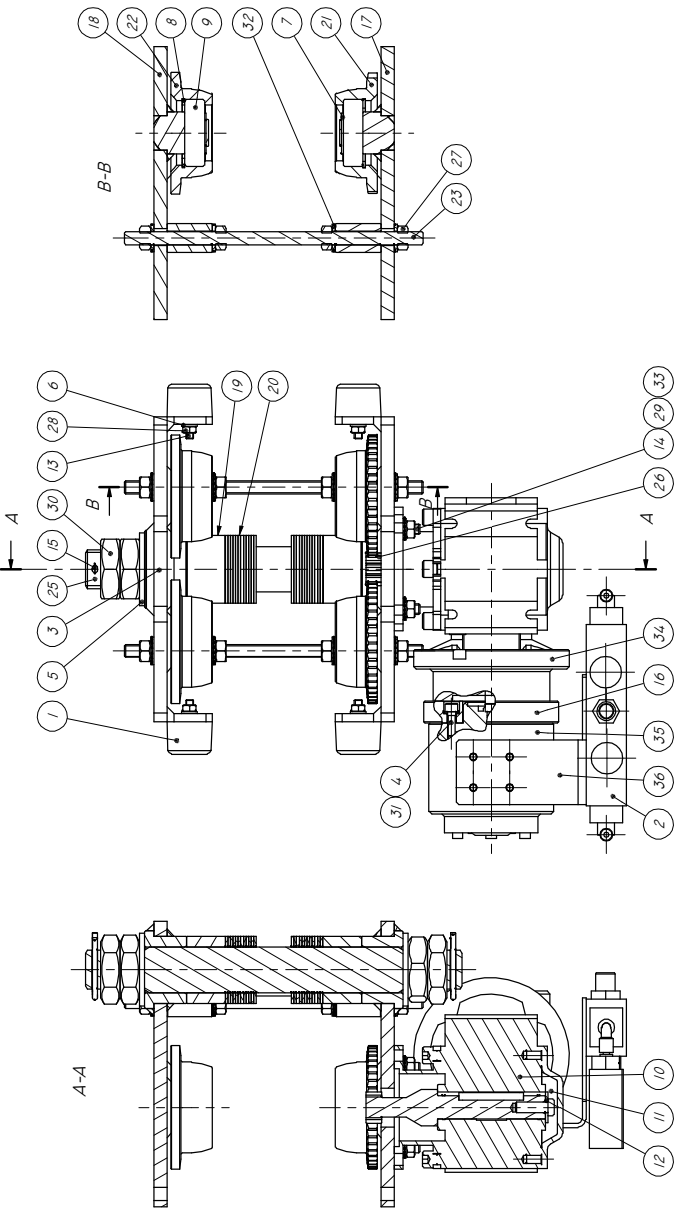
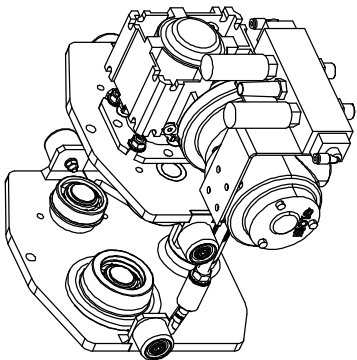
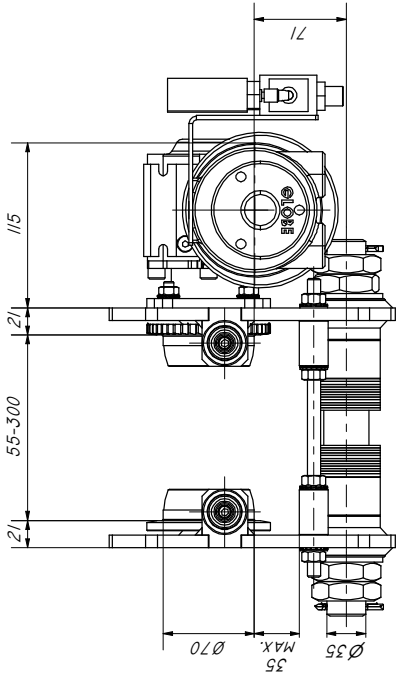
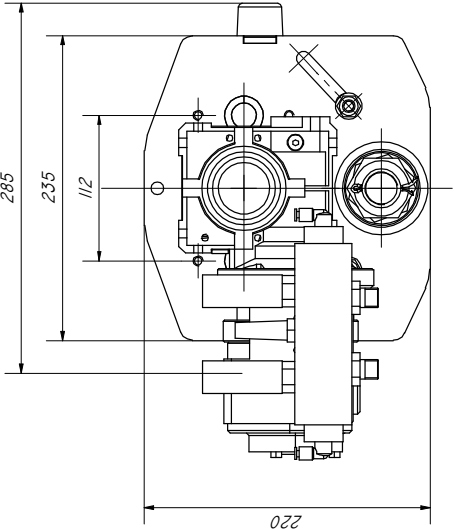
REVISION HISTORY		
REV.	DATE	APPROVED
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SCALE NOT TO SCALE		MATERIAL		TITLE OF PART		PART NUMBER	
DESIGNED BY	T. MIKOLAJEWSKI	DATE	04/07/2014	0,5T HOIST AND TROLLEY		DRG 1500-35	
DRAWN BY	T. MIKOLAJEWSKI	DATE	26/01/2018	RED ROOSTER LIFTING		1 / 1	
CHECKED BY	B. AITKEN	SIGNATURE		SAULTA HOUSE, THE REDROOSTERS OLDMELDRUP, ABERDEENSHIRE, AB51 0EZ TEL: +44(0)1463 872101 HOURS: MON-FRI 9AM-5PM WWW.REDROOSTERLIFTING.COM		DATE	
APPROVED BY				TITLE OF PROJECT		REVISION	
SHEET SIZE	A4			TCR-500/2-AT2S		WEIGHT	
						0	
						REPLACES DRAWING	
						-	
						PROFILE NUMBER	
						-	

UNLESS OTHERWISE SPECIFIED	
ALL DIMENSIONS ARE IN MILLIMETERS	
TOLERANCES	
LINEAR	
UP TO 5	± 0.05
OVER 5 UP TO 30	± 0.1
OVER 30 UP TO 100	± 0.15
OVER 100 UP TO 300	± 0.2
OVER 300 UP TO 1000	± 0.3
OVER 1000	± 0.5
ANGULAR ± 0.5°	
SURFACE ROUGHNESS	
IF IN DOUBT ASK	

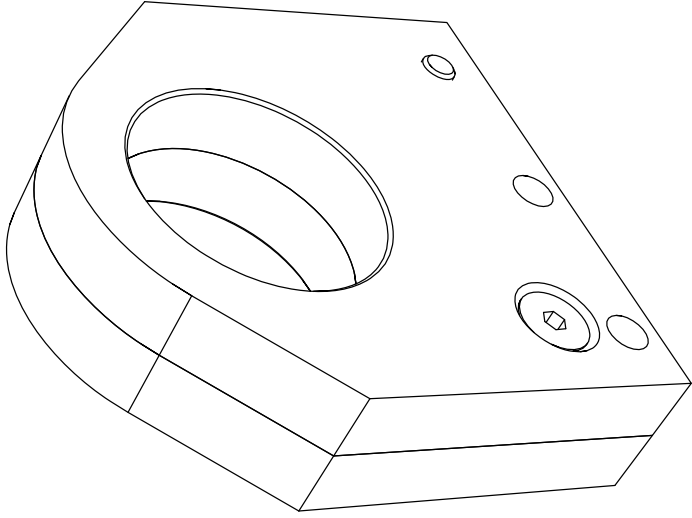
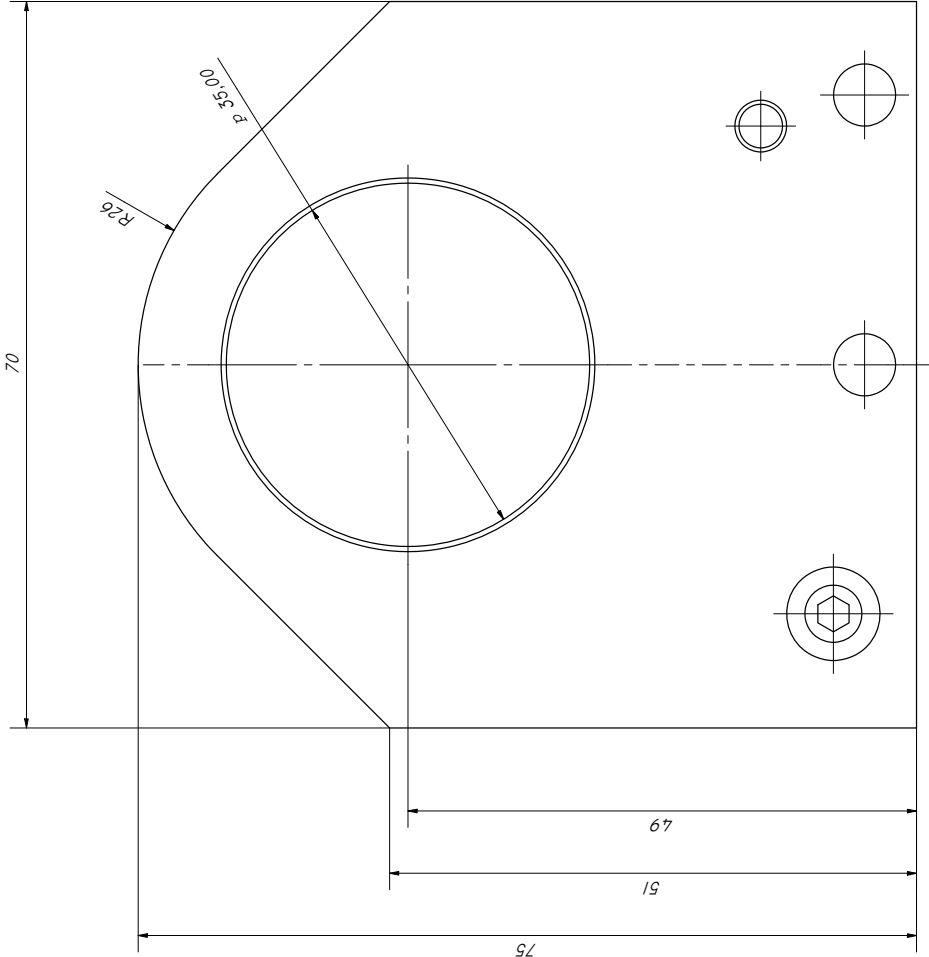
REVISION HISTORY		
REV.	DATE	APPROVED
0	17/04/2018	W. MORRISON



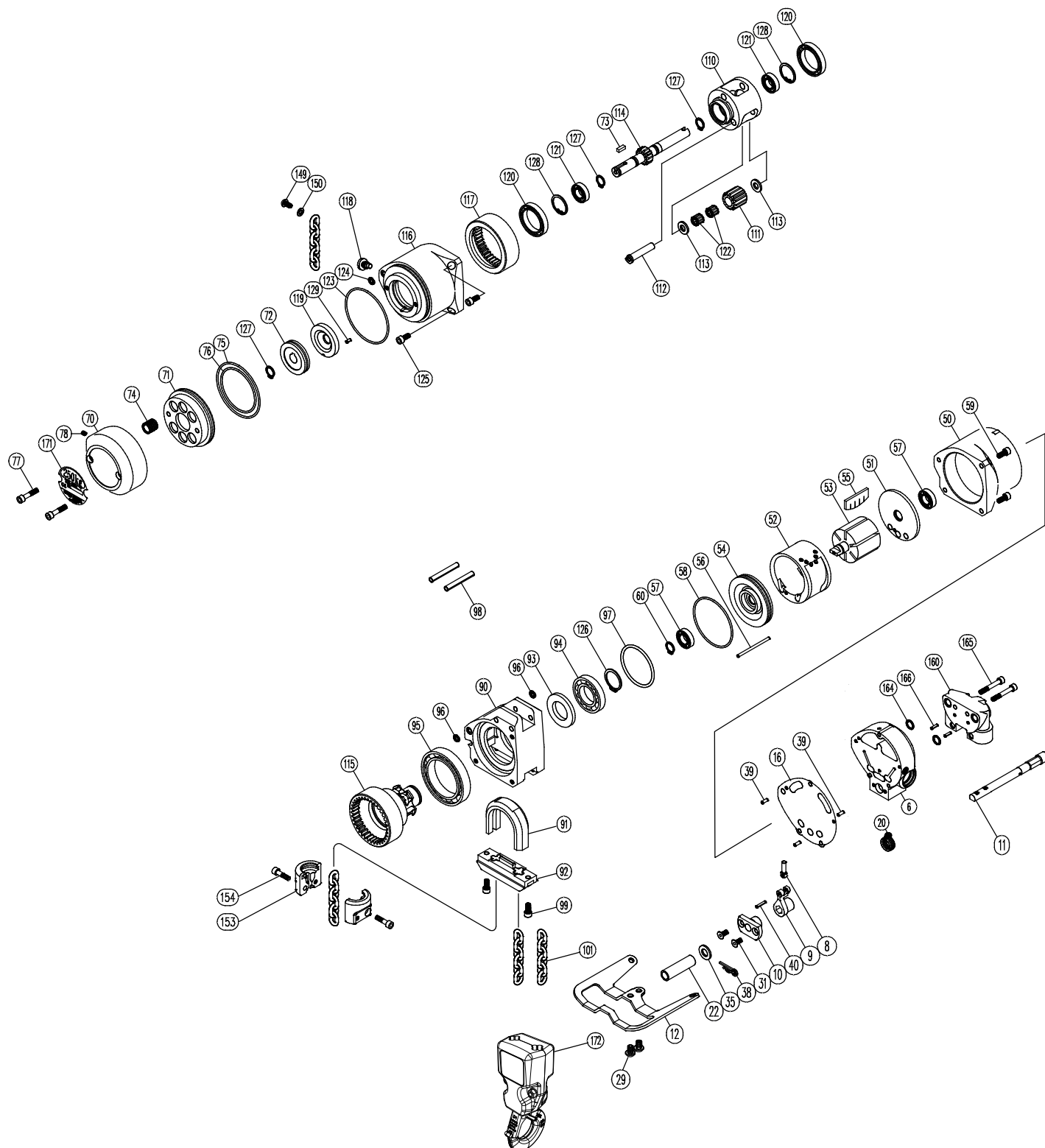
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	BUFFER	
2	1	PILOT VALVE AND SILENCERS	
3	2	SHACKLE 0.5 T	
4	3	ANSI B18.3 - 1/4 - 20 UNC - 3/4 HS HCS	HEXAGON SOCKET HEAD CAP SCREW
5	2	DIN 125 - A 31	WASHER
6	4	DIN 125 - A 6.4	WASHER
7	4	DIN 471 - 25 x 1.2	SPRING RETAINING RING
8	4	DIN 472 - 52 x 2	SPRING RETAINING RING
9	4	DIN 625 SKF - SKF 6205-2Z	DEEP GROOVE BALL BEARINGS SINGLE ROW WITH TWO Z SHIELDS
10	1	DIN 6885 - A 6 x 6 x 50	WASHER
11	1	DIN 7984 - M8 x 25	CYLINDER HEAD CAP SCREW
12	1	DIN 9021 - 8.4	WASHER
13	4	DIN 912 - M6 x 35	CYLINDER HEAD CAP SCREW
14	4	DIN 913 - M8 x 30	CYLINDER HEAD CAP SCREW
15	2	DIN EN ISO 1236 - 4x40	HEXAGON SOCKET SET SCREW
16	1	DIN 1225-02	SPLIT PIN
17	1	DRG 1500-02	TRANSITION PIECE (FOR NORD GEARBOX)
18	1	DRG 1500-03	MOTOR PLATE
19	1	DRG 1500-09	SPACER
20	1	DRG 1500-10	SPACER WASHER
21	2	DRG 1500-11	GEAR WHEEL
22	2	DRG 1500-12	GEAR WHEEL
23	2	DRG 1500-13	PLAN ROD
24	4	DRG 1500-14	TIE ROD
25	1	DRG 1500-15 OR DRG 1500-16 OR DRG 1500-17	ANTI TIP ROLLER
26	1	DRG 1500-37	LOAD BAR (RANGE I - FLANGE 55x140MM)
27	8	ISO 4032 - M10	LOAD BAR (RANGE II - FLANGE 140x220MM)
28	4	ISO 4032 - M6	LOAD BAR (RANGE III - FLANGE 220x300MM)
29	4	ISO 4032 - M50	FINION SHAFT (FOR NORD GEARBOX)
30	3	ISO 4032 - M50	HEX NUT
31	3	ISO 4032 - M50	HEX NUT
32	8	NL 108P	HEX NUT
33	4	NL 88P	HEX NUT
34	1	SPSL0FH-IEC63-2G	HEX NUT
35	1	VAL 1	HEX NUT
36	1	DRG 1500-48	HEX NUT

TITLE OF PART		PART NUMBER	
2TE AIR TROLLEY (ATZS)		DRG 1500D-01	
SCALE		1:1	
DESIGNED BY		DATE	
TOMASZ		29/01/2018	
DRAWN BY		REVISION WEIGHT	
E. CRIGTON		0	
CHECKED BY		REPLACES DRAWING	
B. AITKEN		PROFILE NUMBER	
APPROVED BY		TITLE OF PROJECT	
A3		2TE HOIST AND TROLLEY	
SHEET SIZE		TITLE OF PROJECT	
A3		2TE HOIST AND TROLLEY	
REVISION HISTORY		REVISION WEIGHT	
DATE		REPLACES DRAWING	
17/04/2018		PROFILE NUMBER	
W. MORRISON		TITLE OF PROJECT	
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REVISION HISTORY		
REV.	DATE	APPROVED
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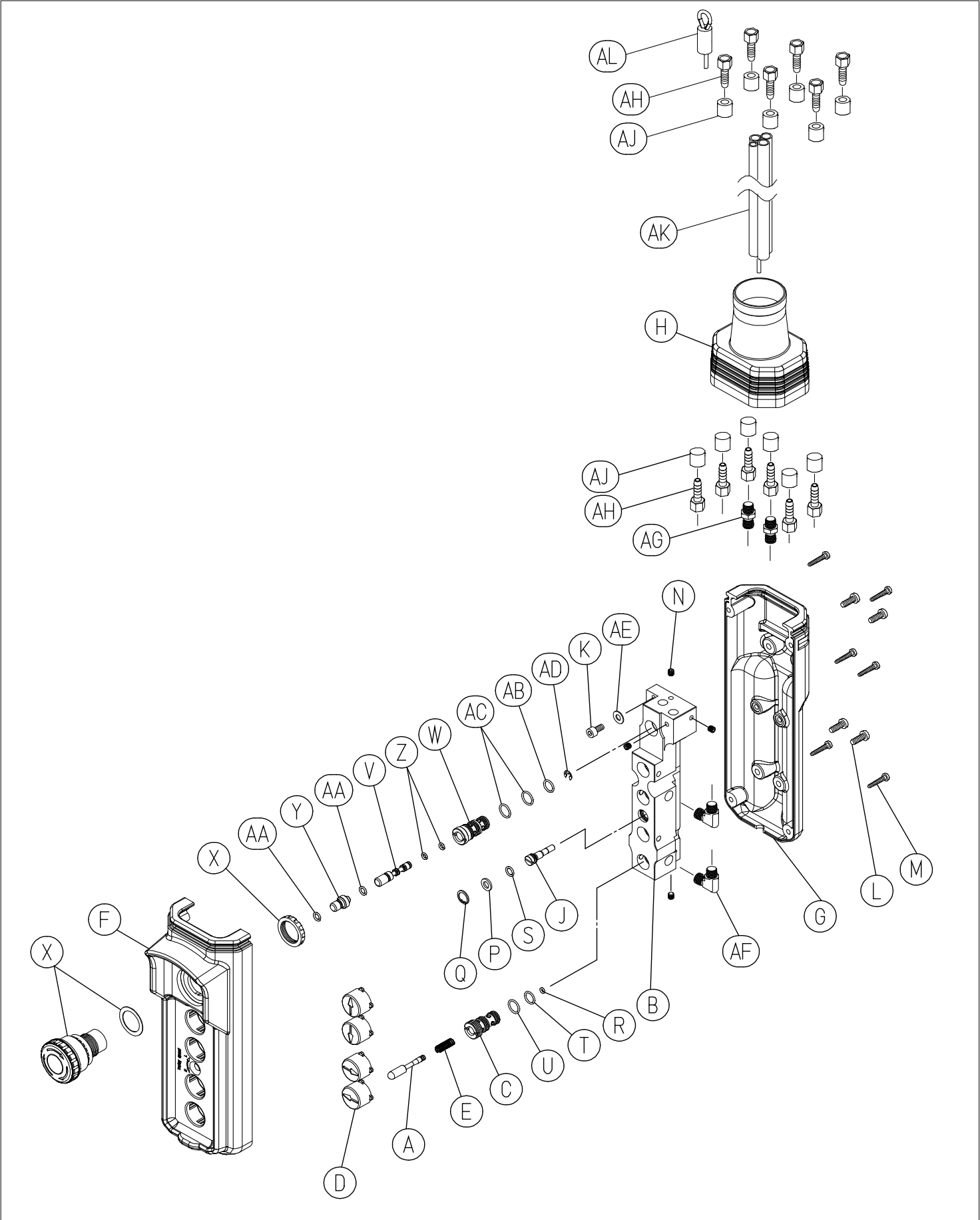


SCALE		MATERIAL		TITLE OF PART		GENERAL ASSEMBLY		PART NUMBER	
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DESIGNED BY		T. MINGALENSKI		04/07/2014		RED ROOSTER LIFTING RED ROOSTER LIFTING SPECIALIST APPROVED AND ISSUED HOLD TO THE STANDARD www.redroosterlifting.com REVISIONS DATE REVISION WEIGHT REPLACES DRAWING			
DRAWN BY		E. CRICHTON		30/01/2018					
CHECKED BY									
APPROVED BY		B. AITKEN							
SHEET SIZE				TITLE OF PROJECT		0.5T HOIST AND TROLLEY		PROFILE NUMBER	
A3								30/01/2018 0 0.6 KG REPLACES DRAWING	
ALL DIMENSIONS ARE IN MILLIMETERS									
TOLERANCES									
LINEAR									
UP TO 30.0 ± 0.05									
OVER 30.0 TO 50.0 ± 0.1									
OVER 50.0 TO 100.0 ± 0.2									
OVER 100.0 TO 150.0 ± 0.3									
OVER 150.0 TO 200.0 ± 0.5									
OVER 200.0 TO 300.0 ± 0.7									
OVER 300.0 TO 400.0 ± 1.0									
ANGULAR ± 0.5°									
SURFACE ROUGHNESS									
IF IN DOUBT ASK									



Hoist Body - TCR-500/2-AT2S Mini Hoist 08.02.22

Fig. No.	Part Number	Part Name	Parts Per Hoist	Fig. No.	Part Number	Part Name	Parts Per Hoist
006	426206060	VALVE BODY	1	116	426205310	GEAR CASE	1
008	426205850	VALVE PIN	1	117	426205320	RING GEAR	1
009	426205140	LIMIT LEVER	1	118	426205890	LOCK SCREW	1
010	426205100	LIMIT GUIDE	1	119	426205900	BRAKE PLATE	1
012	426205110	CHAIN LEVER	1	120	130112806	BEARING 6806	2
016	136102151	VALVE PACKING	1	121	130113003	BEARING 6901	2
020	130802209	VALVE SPRING	1	122	130170013	NEEDLE BEARING KT-81211	6
022	426205880	PROTECTOR	1	123	131103047	O-RING S-70	1
029	131905008	HEX SOCKET DOME SCREW M5X8	2	124	131103004	O-RING S-6	1
031	132804010	HEX FLAT HEAD MACHINE SCREW M4X10	6	125	131705014	HEX SOCKET HEAD CAP SCREW M5X14	3
035	131309008	WASHER M8	1	126	130302025	RETAINING RING S-25	1
038	130790008	SNAP PIN 8	1	127	130302012	RETAINING RING S-12	3
039	130406017	PARALLEL PIN 3X7.5	3	128	130301024	RETAINING RING H-24	2
050	426205790	MOTOR CASE	1	129	130603006	SPRING PIN 3X6	1
051	426205180	REAR PLATE	1	149	131905010	HEX SOCKET DOME HEAD M5X10	1
052	426205160	CYLINDER	1	150	131305005	WASHER M5	1
053	426205150	ROTOR	1	153	426215B30	HANGER	2
054	426205170	FRONT PLATE	1	154	131705020	HEX SOCKET HEAD CAP SCREW M5X20	2
055	137102018	VANE	6	160	426206941	MANIFOLD BLOCK	1
056	130402049	KNOCK PIN	1	164	131103008	HEX SOCKET HEAD CAP CREW M5X35	2
057	130113003	BEARING 6901	2	165	131705035	HEX SOCKET HEAD CAP CREW M5X35	2
058	131103044	O-RING S-63	1	166	130603010	SPRING PIN 3X10	2
059	131705014	HEX SOCKET HEAD CAP SCREW M5X14	3	171	137309269	NAMEPLATE	1
060	130302012	RETAINING RING S-12	1	172	1257-BLOCK	500KG BOTTOM BLOCK	1
070	426205410	BRAKE COVER	1				
071	426205400	BRAKE PISTON	1				
072	426205430	BRAKE DISK	1				
073	130408079	KEY	1				
074	130802207	SPRING 12X13 8X1	6				
075	131103047	O-RING S-70	1				
076	131103042	O-RING S-56	1				
077	131705030	HEX SOCKET HEAD CAP SCREW M5X30	2				
078	132104005	HEX SOCKET SET SCREW M4X5	1				
090	426205210	WHEEL HOUSING	1				
091	426205350	CHAIN GUIDE	1				
092	136610025	CHAIN SEPARATOR	1				
093	426205230	SPACER	1				
094	130116005	BEARING 16005	1				
095	130113010	BEARING 6910	1				
096	131103004	O-RING S-6	2				
097	131102006	O-RING G-50	1				
098	130606045	SPRING PIN 6X45	2				
099	131705014	HEX SOCKET HEAD CAP SCREW M5X14	2				
101	AHC4/80	LINK CHAIN 4mm	HOL				
110	426205240	CAGE	1				
111	426205250	STAR GEAR	3				
112	426205260	PIN	3				
113	426205270	THRUST COLLAR	6				
114	426205290	PINION	1				
115	426205300	WHEEL	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