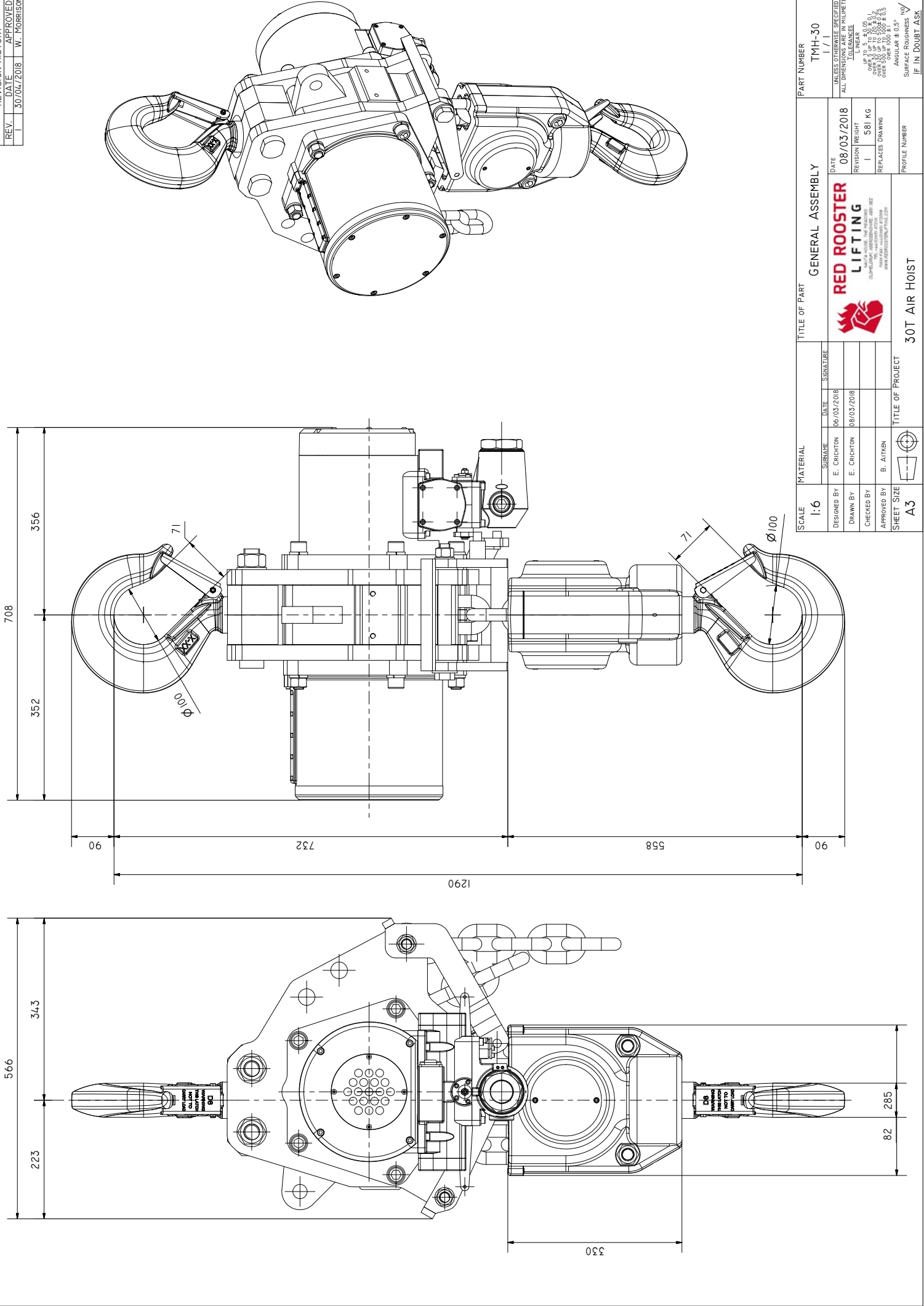
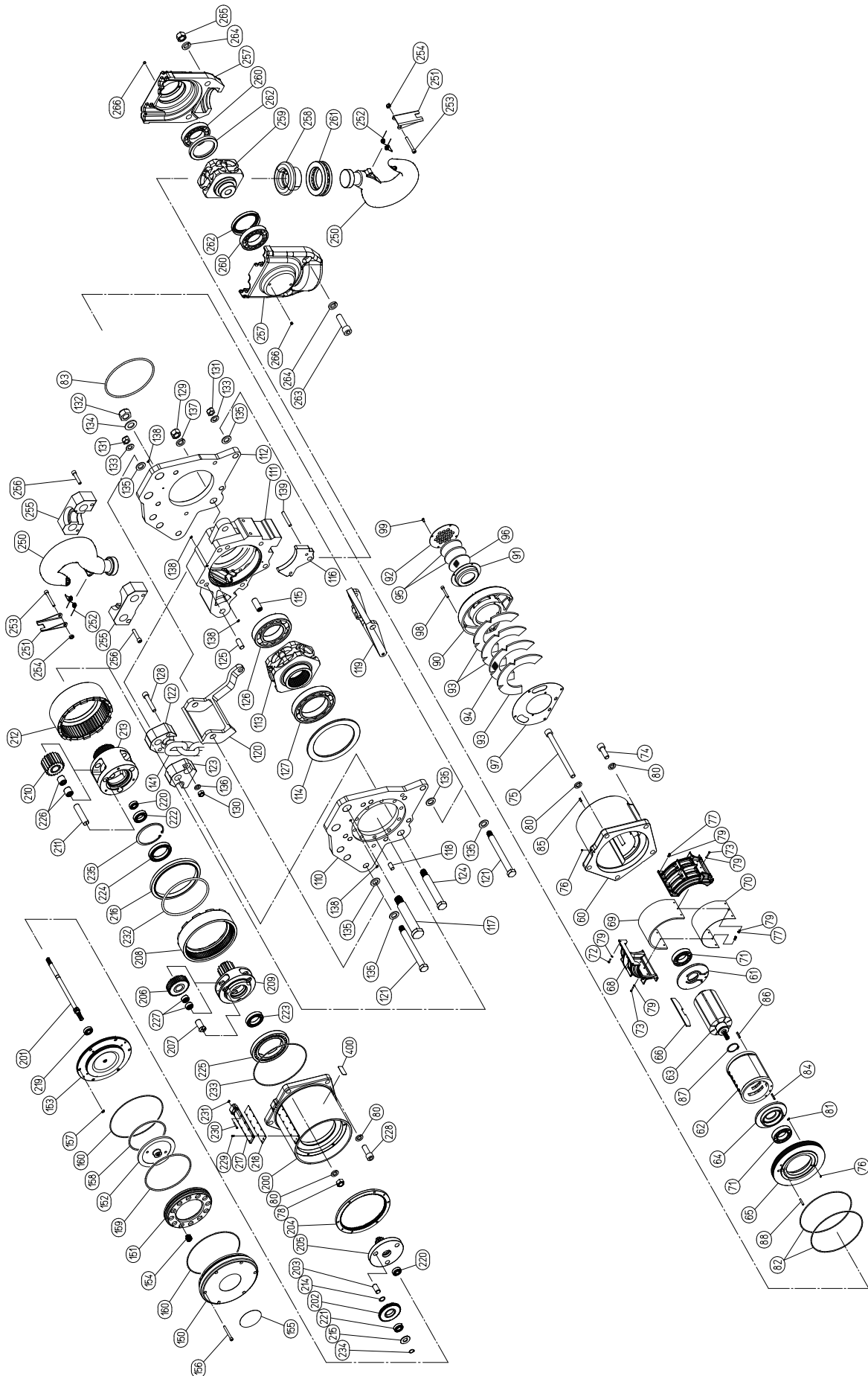


REVISION HISTORY		
REV.	DATE	APPROVED
1	30/04/2018	W. MORRISON



SCALE		MATERIAL		TITLE OF PART		GENERAL ASSEMBLY		PART NUMBER	
1:6								TMH-30 1 / 1	
DESIGNED BY		E. CRICHTON		DATE		08/03/2018		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS	
DRAWN BY		E. CRICHTON		SIGNATURE				TOLERANCES LINEAR UP TO 5 ±0.05 5 TO 10 ±0.1 10 TO 20 ±0.2 OVER 20 TO 100 ±0.3 OVER 100 TO 1000 ±0.5 OVER 1000 ±1	
CHECKED BY						REVISION WEIGHT			
APPROVED BY		B. AITKEN				1 581 KG			
						REPLACES DRAWING			
SHEET SIZE		A3		TITLE OF PROJECT		30T AIR HOIST		PROFILE NUMBER	
								SURFACE ROUGHNESS ANGULAR ± 0.5° IF IN DOUBT ASK	





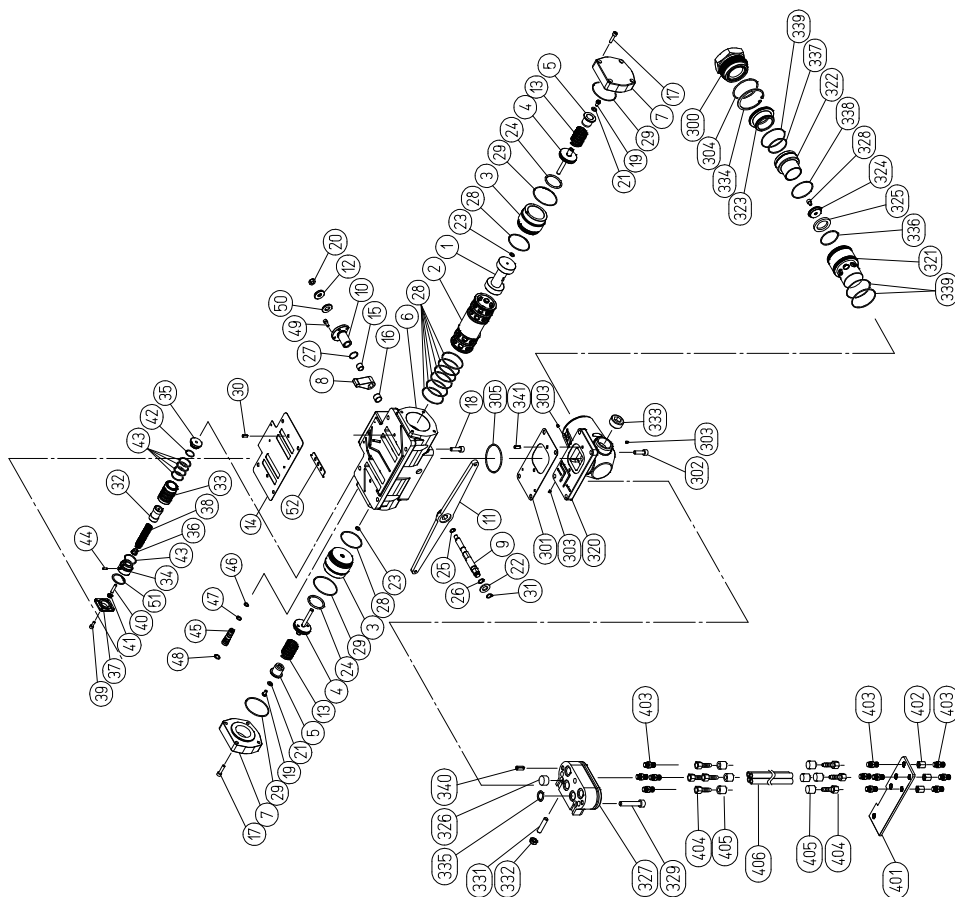
RED ROOSTER LIFTING

Hoist Body - TMH-30T

Fig. No.	Part Number	Part Name	Parts Per Hoist
060	425814790	MOTOR CASE	1
061	425814180	REAR PLATE	1
062	425814160	CYLINDER	1
063	425814150	ROTOR	1
064	425814170	FRONT PLATE	1
065	425814M40	FRONT COVER	1
066	137102034	VANE	8
068	425814M50	EXHAUST HOLDER	2
069	137402061	SILENCER M(F)	1
070	137402062	SILENCER M(ST)	1
071	130107011	BEARING 6210	2
072	131704016	HEX.SOCKET HEAD CAP SCREW M4X16	2
073	131704020	HEX.SOCKET HEAD CAP SCREW M4X20	6
074	131720055	HEX.SOCKET HEAD CAP SCREW M20X55	2
075	131716261	HEX.SOCKET HEAD CAP SCREW M20X260	3
076	132105005	HEX.SOCKET SET SCREW M5X5	2
077	134501004	U NUT M4	8
078	134501020	U-NUT M20	3
079	131307004	WASHER M4	16
080	131301020	SPRING WASHER M20	10
081	131101005	O-RING P-7	1
082	131117273	O-RING AS568-273	2
083	131117447	O-RING AS568-447	1
084	130605030	SPRING PIN 5X30	1
085	130606015	SPRING PIN 6X15	2
086	130606030	SPRING PIN 6X30	1
087	130302050	RETAINING RING S-50	1
088	130406079	PARALLEL PIN A6X35 H7	1
090	425814M60	MOTOR COVER	1
091	425814M70	EXHAUST COVER S	1
092	425814A90	EXHAUST PLATE	1
093	137402063	SILENCER LS	3
094	137402064	SILENCER LF	1
095	137402065	SILENCER SS	2
096	137402066	SILENCER SF	1
097	136102175	EXHAUST GASKET	1
098	131708055	HEX.SOCKET HEAD CAP SCREW M8X55	4
099	131906012	HEX.SOCKET BUTTON SCREW M6X12	4
110	425814M80	MIDDLE PLATE G	1
111	425814350	CHAIN GUIDE	1
112	425814M90	MIDDLE PLATE M	1
113	425814A50	LOAD SHEAVE	1
114	425814N90	CHAIN GUIDE COVER	1
115	425806200	COUPLING	1
116	425814360	CHAIN SEPARATOR	1
117	425814220	HANGER PIN	2
118	425814660	KNOCK PIN (16)	10
119	425814N10	LIMIT LEVER U	1

Fig. No.	Part Number	Part Name	Parts Per Hoist
120	425814N20	LIMIT LEVER D	1
121	425814N30	SET PIN	2
122	425814N40	CHAIN SET PLATE L	1
123	425814N50	CHAIN SET PLATE R	1
124	425814K60	CHAIN SET PIN	1
125	426305L61	KNOCK PIN	4
126	130126220	BEARING 6220DDU	1
127	130126026	BEARING 6026DDU	1
128	131716090	HEX.SOCKET HEAD CAP SCREW M16X90	2
129	134401024	HEX.NUT M24	1
130	134501016	U-NUT M16	2
131	134501020	U-NUT M20	2
132	134501030	U NUT M30	2
133	131307020	WASHER M20	2
134	131307030	WASHER M30	2
135	131306024	WASHER M24	6
136	131301016	SPRING WASHER M16	2
137	131301024	SPRING WASHER M24	1
138	131103006	O-RING S-8	4
139	130406080	PARALLEL PIN A12X80 H7	2
141		CHAIN 23.5X66	HOL
150	425814410	BRAKE COVER	1
151	425814400	BRAKE PISTON	1
152	425814430	BRAKE DISC	1
153	425814900	BRAKE PLATE	1
154	130802229	SPRING 20.5X21.9X2.9	12
155		NAME PLATE	1
156	131708080	HEX.SOCKET HEAD CAP SCREW M8X80	6
157	131101007	O-RING P-9	6
158	131117364	O-RING AS568-364	1
159	131117371	O-RING AS568-371	1
160	131117274	O-RING AS568-274	2
200	425814310	GEAR CASE	1
201	425814A62	FIRST PINION	1
202	425814A70	FIRST STAR GEAR	3
203	425814A80	FIRST PIN	3
204	425814E10	FIRST RING GEAR	1
205	425814E22	SECOND PINION	1
206	425814E31	SECOND STAR GEAR	3
207	425814E41	SECOND PIN	3
208	425814E51	SECOND RING GEAR	1
209	425814K20	THIRD PINION	1
210	425818K30	THIRD STAR GEAR	3
211	425814K40	THIRD PIN	3
212	425814K50	THIRD RING GEAR	1
213	425814240	CAGE	1
214	425814N70	FIRST SPACER	3
215	425814N80	FIRST THRUST COLLAR	3
216	425814230	SPACER	1

Fig. No.	Part Number	Part Name	Parts Per Hoist
217	425814P10	AIR CONNECTOR	1
218	136102176	GASKET C	1
219	130109004	BEARING 6203ZZ	1
220	130107004	BEARING 6203	2
221	130104005	BEARING 6004	3
222	130104008	BEARING 6007	1
223	130104011	BEARING 6010	1
224	130113015	BEARING 6915	1
225	130116024	BEARING 16024	1
226	130180904	NEEDLE BEARING TA2530	6
227	130132515	NEEDLE BEARING TA2515	6
228	131720055	HEX.SOCKET HEAD CAP SCREW M20X55	2
229	131704008	HEX.SOCKET HEAD CAP SCREW M4X8	10
230	131704030	HEX.SOCKET HEAD CAP SCREW M4X30	2
231	131103006	O-RING S-8	1
232	131101215	O-RING P-215	1
233	131117274	O-RING AS568-274	1
234	130302020	RETAINING RING S-20	3
235	130301125	RETAINING RING H-125	1
250	425814E60	HOOK	2
251	425814P20	HOOK SAFETY CLAW	2
252	130802233	HOOK SPRING	2
253	131710080	HEX.SOCKET HEAD CAP SCREW M10X80	2
254	134501010	U NUT M10	2
255	425814570	HOOK END PIECE (SET)	1
256	131712060	HEX.SOCKET HEAD CAP SCREW M12X60	2
257	425818800	UNDER HOOK HOLDER	2
258	425814710	THRUST RING (SET)	1
259	425814F70	FREE CHAIN WHEEL	1
260	130125215	BEARING NJ215ET	2
261	130121220	THRUST BEARING 51220	1
262	131203105	OIL SEAL SB-10513514	2
263	131724080	HEX.SOCKET HEAD CAP SCREW M24X80	2
264	131310024	SPRING WASHER M24	4
265	134401024	HEX.NUT M24	2
266	134902003	HEX.PLUG PT1/8	4
400		BRANDED NAME PLATE	1





RED ROOSTER LIFTING

Built-In Mains Emergency Stop Valve Pendant Body - TMH-30T

Fig. No.	Part Number	Part Name	Parts Per Hoist
001	425814010	MAIN SPOOL	1
002	425814C30	MAIN BUSH	1
003	425814C20	SPOOL CYLINDER	2
004	425814C60	SPOOL PISTON	2
005	425814C70	SPRING SHEET	2
006	425814060	VALVE BODY	1
007	425814080	SIDE COVER	2
008	425814140	LIMIT LEVER	1
009	425814460	LIMIT SHAFT	1
010	425814100	LIMIT GUIDE	1
011	426303L7B	CONTROL LEVER CP	1
012	426305V30	LIMIT VALVE SHAFT WASHER	1
013	130802231	SPRING 26.5X42X3.5	2
014	136102179	VALVE GASKET	1
015	130212013	DRY BEARING DDK05-1212	1
016	130215012	DRY BEARING DDK05-1512	1
017	131706025	HEX.SOCKET HEAD CAP SCREW M6X25	8
018	131708028	HEX.SOCKET HEAD CAP SCREW M8X28	4
019	132406110	CROSS-RECESSED HEAD MACHINE SCREW M6X10	2
020	134501008	U-NUT M8	1
021	131307006	WASHER M6	2
022	131307012	WASHER M12	1
023	131101006	O-RING P-8	2
024	131101038	O-RING P-38	2
025	131103008	O-RING S-10	1
026	131103010	O-RING S-12	1
027	131103016	O-RING S-20	1
028	131103040	O-RING S-53	8
029	131103043	O-RING S-60	4
030	130606015	SPRING PIN 6X15	2
031	130302012	RETAINING RING S-12	1
032	425806J40	LIMIT SPOOL	1
033	425814J30	LIMIT SPOOL BUSH	1
034	426307AR0	LIMIT RETAINER	1
035	425814J50	LIMIT RETAINER F	1
036	426307Z50	SPRING SEAT	1
037	426307AS0	ADJUST COVER	1
038	130802232	SPRING 13.1X70X2.1	1
039	131705014	HEX.SOCKET HEAD CAP SCREW M5X14	4
040	132306025	HEX.SOCKET SET SCREW M6X25	1
041	134403106	HEX.NUT M6	1
042	131103016	O-RING S-20	1
043	131103022	O-RING S-28	5
044	130406005	PARALLEL PIN 4X10 H7	1
045	425814M2B	BRAKE VALVE CP	1
046	131103007	O-RING S-9	1
047	131103008	O-RING S-10	1
048	131103010	O-RING S-12	1

Fig. No.	Part Number	Part Name	Parts Per Hoist
049	131705014	HEX.SOCKET HEAD CAP SCREW M5X14	4
050	426305G80	VALVE SHAFT THRUST PLATE	1
051	130301032	RETAINING RING H-32	1
052	425818P30	CHOKE VALVE	1
300	425814G6B	INLET BUSHING CP	1
301	136102177	UNDER GASKET	1
302	131708028	HEX.SOCKET HEAD CAP SCREW M8X28	4
303	132105005	HEX.SOCKET SET SCREW M5X5	4
304	131117143	O-RING AS568-143	1
305	131117144	O-RING AS568-144	1
320	425814470	UNDER COVER	1
321	425814G70	MAIN CUT BUSH	1
322	425814G80	MAIN CUT VALVE	1
323	425814G90	MAIN CUT CAP	1
324	425814H00	MAIN CUT HOLDER	1
325	136102178	MAIN CUT SEAT	1
326	137411114	SILENCER	2
327	425814940	MANI HOLD	1
328	131706308	HEX.SOCKET HEAD CAP SCREW M6X8	1
329	131705030	HEX.SOCKET HEAD CAP SCREW M5X30	3
331	132105022	HEX.SOCKET SET SCREW M5X22	1
332	134403205	HEX.NUT M5	2
333	134902012	HEX.SOCKET HEAD PLUG 1	2
334	130301065	RETAINING RING H-65	1
335	131103008	O-RING S-10	1
336	131103035	O-RING S-44	4
337	131103037	O-RING S-46	1
338	131103040	O-RING S-53	1
339	131115036	O-RING AS568-036	3
340	130604010	SPRING PIN 4X10	2
341	130606015	SPRING PIN 6X15	2
401	DRGPB-01	PENDANT BRACKET	1
402	P044	1/8 BSP FEMALE SOCKET	4
403	P071/1	1/8 BSP NIPPLE c/w 60° CONE	12
404	P016/1	1/8 BSP TO 1/4 HOSE-TAIL c/w SWIVEL	8
405	P002/1	1/4 HOSE FERRULE	8
406	1/4-HOSE	1/4 ANTI-STATIC RUBBER HOSE	4

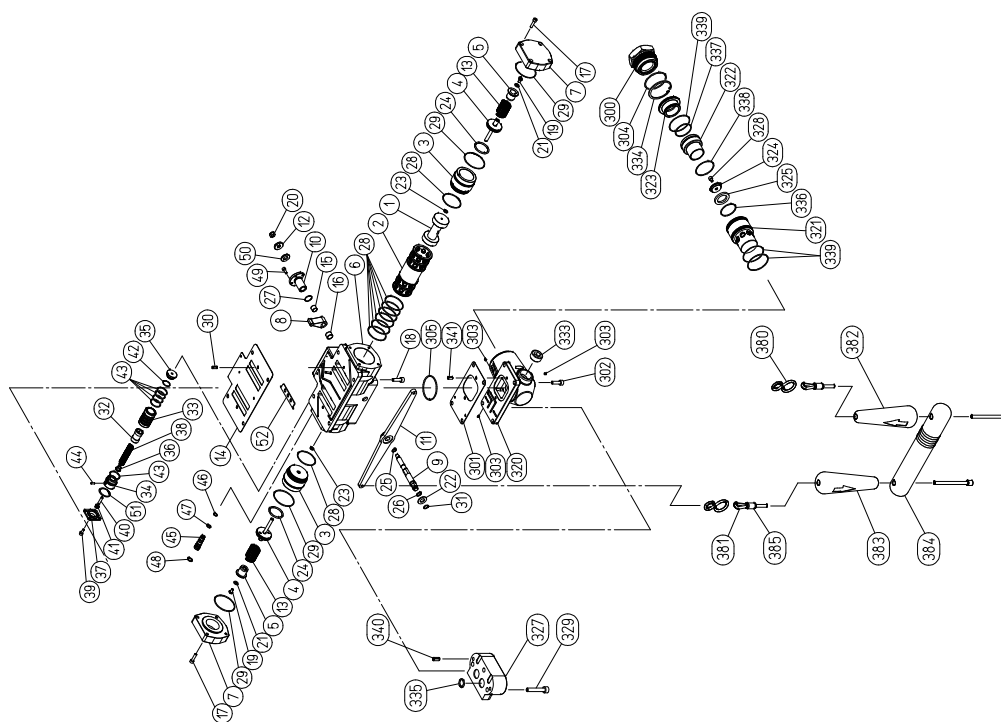
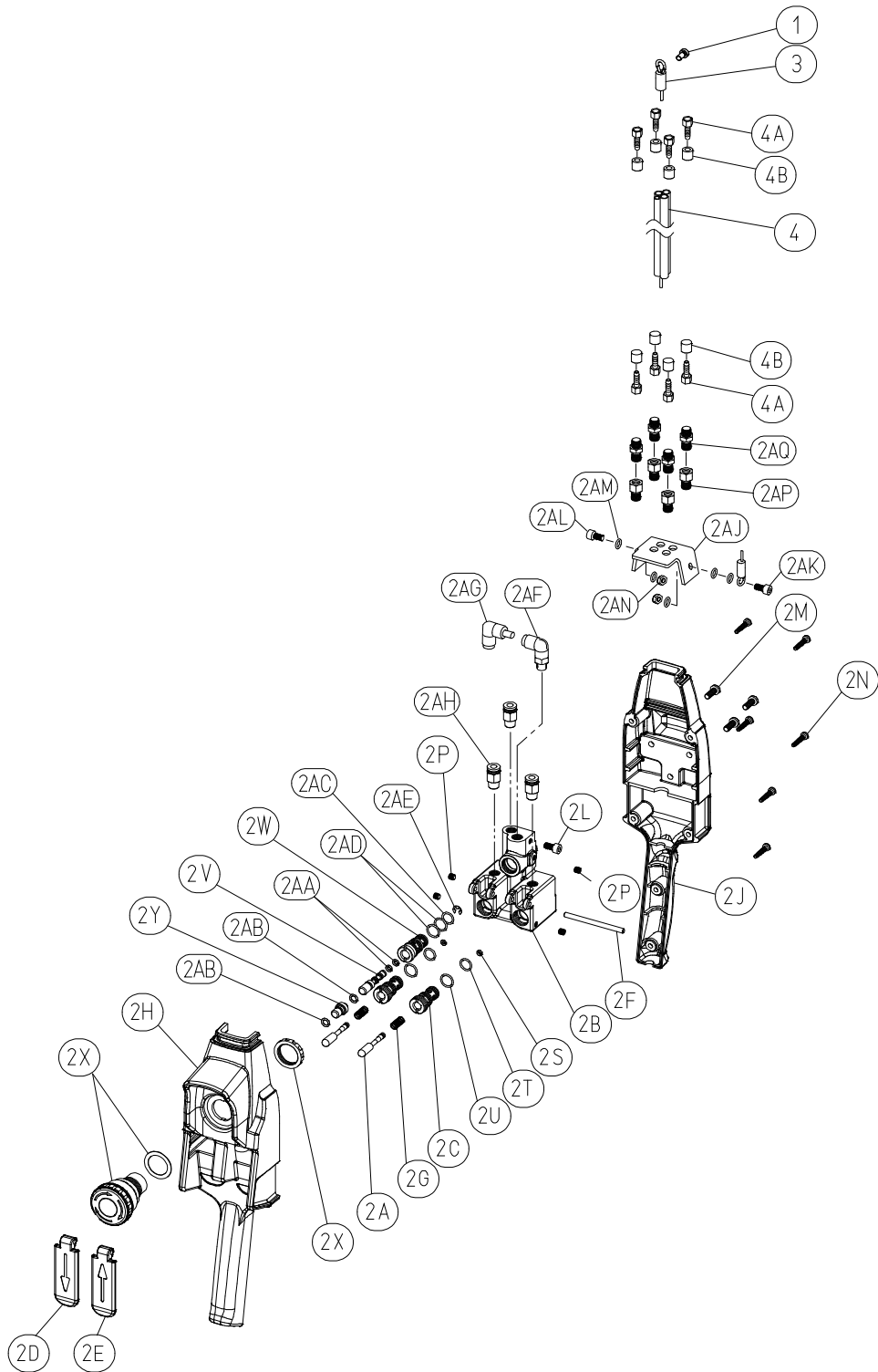


Fig. No.	Part Number	Part Name	Parts Per Hoist
001	425814010	MAIN SPOOL	1
002	425814C30	MAIN BUSH	1
003	425814C20	SPOOL CYLINDER	2
004	425814C60	SPOOL PISTON	2
005	425814C70	SPRING SHEET	2
006	425814060	VALVE BODY	1
007	425814080	SIDE COVER	2
008	425814140	LIMIT LEVER	1
009	425814460	LIMIT SHAFT	1
010	425814100	LIMIT GUIDE	1
011	426303L7B	CONTROL LEVER CP	1
012	426305V30	LIMIT VALVE SHAFT WASHER	1
013	130802231	SPRING 26.5X42X3.5	2
014	136102174	VALVE GASKET	1
015	130212013	DRY BEARING DDK05-1212	1
016	130215012	DRY BEARING DDK05-1512	1
017	131706025	HEX.SOCKET HEAD CAP SCREW M6X25	8
018	131708028	HEX.SOCKET HEAD CAP SCREW M8X28	4
019	132406110	CROSS-RECESSED HEAD MACHINE SCREW M6X10	2
020	134501008	U-NUT M8	1
021	131307006	WASHER M6	2
022	131307012	WASHER M12	1
023	131101006	O-RING P-8	2
024	131101038	O-RING P-38	2
025	131103008	O-RING S-10	1
026	131103010	O-RING S-12	1
027	131103016	O-RING S-20	1
028	131103040	O-RING S-53	8
029	131103043	O-RING S-60	4
030	130606015	SPRING PIN 6X15	2
031	130302012	RETAINING RING S-12	1
032	425806J40	LIMIT SPOOL	1
033	425814J30	LIMIT SPOOL BUSH	1
034	426307AR0	LIMIT RETAINER	1
035	425814J50	LIMIT RETAINER F	1
036	426307Z50	SPRING SEAT	1
037	426307AS0	ADJUST COVER	1
038	130802232	SPRING 13.1X70X2.1	1
039	131705014	HEX.SOCKET HEAD CAP SCREW M5X14	4
040	132306025	HEX.SOCKET SET SCREW M6X25	1
041	134403106	HEX.NUT M6	1
042	131103016	O-RING S-20	1
043	131103022	O-RING S-28	5
044	130406005	PARALLEL PIN 4X10 H7	1
045	425814M2B	BRAKE VALVE CP	1
046	131103007	O-RING S-9	1
047	131103008	O-RING S-10	1
048	131103010	O-RING S-12	1

Fig. No.	Part Number	Part Name	Parts Per Hoist
049	131705014	HEX.SOCKET HEAD CAP SCREW M5X14	4
050	426305G80	VALVE SHAFT THRUST PLATE	1
051	130301032	RETAINING RING H-32	1
052	425818P30	CHOKE VALVE	1
300	425814G6B	INLET BUSHING CP	1
301	136102177	UNDER GASKET	1
302	131708028	HEX.SOCKET HEAD CAP SCREW M8X28	4
303	132105005	HEX.SOCKET SET SCREW M5X5	5
304	131117143	O-RING AS568-143	1
305	131117144	O-RING AS568-144	1
320	425814470	UNDER COVER	1
321	425814G70	MAIN CUT BUSH	1
322	425814G80	MAIN CUT VALVE	1
323	425814G90	MAIN CUT CAP	1
324	425814H00	MAIN CUT HOLDER	1
325	136102178	MAIN CUT SEAT	1
326	137411114	SILENCER	2
327	425816940	MANI HOLD	1
328	131706308	HEX.SOCKET HEAD CAP SCREW M6X8	1
329	131705030	HEX.SOCKET HEAD CAP SCREW M5X30	3
331	132105022	HEX.SOCKET SET SCREW M5X22	1
332	134403205	HEX.NUT M5	2
333	134902012	HEX.SOCKET HEAD PLUG 1	2
334	130301065	RETAINING RING H-65	1
335	131103008	O-RING S-10	2
336	131103035	O-RING S-44	4
337	131103037	O-RING S-46	1
338	131103040	O-RING S-53	1
339	131115036	O-RING AS568-036	3
340	130604010	SPRING PIN 4X10	2
341	130606015	SPRING PIN 6X15	2
380	130802081	S-TYPE WIRE (S)	2
381	138001015	THROTTLE VALVE CHANGE CORD (1.5M)	2
382	136602625	GRIP(W)	1
383	136602626	GRIP(R)	1
384	136602627	HANDLE	1
385	137249050	ROPE SLEEVE TA-85A	2

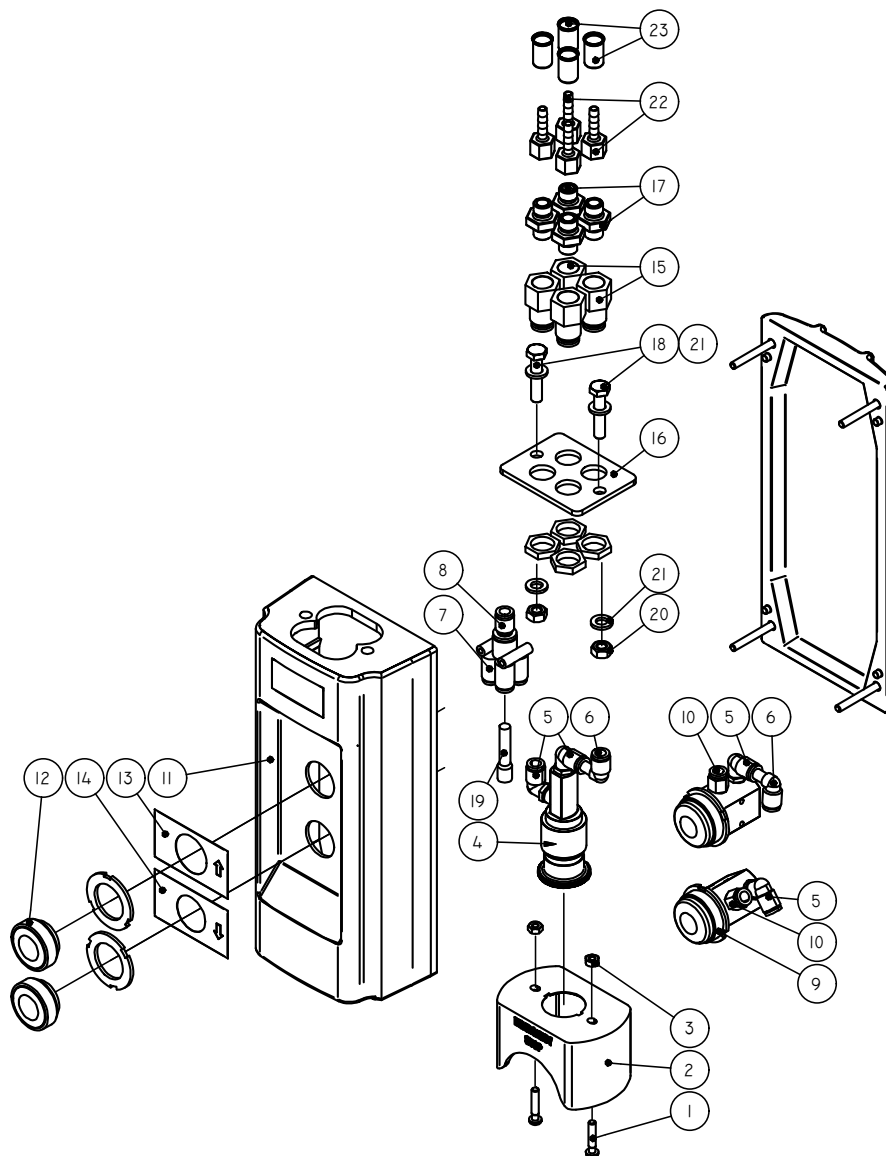




RED ROOSTER LIFTING

Pendant - VRD-2R

Fig. No.	Part Number	Part Name	Parts Per Hoist
1	131705008	HEX. SOCKET HEAD CAP SCREW M5X8	1
2	420228VRD	PENDANT VALVE ASSEMBLY	1
2A	420218VB0	THROTTLE VALVE	2
2B	420228VR0	VALVE BODY	1
2C	420218VF0	BUSHING	2
2D	420223W40	LEVER D	1
2E	420223W30	LEVER U	1
2F	130402053	LEVER PIN	1
2G	130802220	SPRING 6X14X0.6	2
2H	420228W50	FRONT CASE	1
2J	420228W60	REAR CASE	1
2L	131705010	HEX. SOCKET HEAD CAP SCREW M5X10	1
2M	132405014	PHILLIPS PAN HEAD MACHINE SCREW M5X14	3
2N	132904220	PHILLIPS PAN HEAD SELF-TAPPING SCREW 4X20	6
2P	132105005	HEX. SOCKET SET SCREW M5X5	4
2S	131109001	O-RING S-3 (HS90)	2
2T	131103008	O-RING S-10	2
2U	131103009	O-RING S-11.2	2
2V	420224V61	EMERGENCY STOP VALVE	1
2W	420228V50	EMERGENCY STOP BUSHING	1
2X	136690503	EMERGENCY STOP BUTTON	1
2Y	420228W00	PUSH ROD	1
2AA	131103002	O-RING S-5	2
2AB	131103004	O-RING S-6	2
2AC	131103008	O-RING S-10	1
2AD	131103009	O-RING S-11.2	2
2AE	130303004	RETAINING RING E-4	1
2AF	304P	1/8 BSP TO 6MM PUSH FIT ELBOW	1
2AG	P118	6MM PLUG IN ELBOW	1
2AH	P087	1/8 BSP TO 6MM PUSH FIT	3
2AJ	DRG-SI10394-T2	2 STATION PENDANT BRACKET	1
2AK	113/1	HEX. SOCKET HEAD CAP SCREW M6X16	1
2AL	113P	HEX. SOCKET HEAD CAP SCREW M6X20	1
2AM	145P	FLAT WASHER M6	5
2AN	139P	NYLOC NUT M6	2
2AP	P245	6MM TO 1/8 BSP BULKHEAD ADAPTOR	4
2AQ	P071/1	1/8 BSP HEX NIPPLE C/W 60° CONE	4
3	426230F1B	STRAINER WIRE	1
4	1/4-HOSE	1/4 ANTI-STATIC RUBBER HOSE	4
4A	P016/1	1/8 BSP TO 1/8 HOSETAIL SWIVEL	8
4B	P002/1	1/4 HOSE FERRULE	8



Pendant - VTP2M

Fig. No.	Part Number	Part Name	Parts Per Hoist
1	105P	M4 X 20 CHEESE HEAD SCREW	2
2	E/STOP/GUARD01	YELLOW E-STOP GUARD	1
3	113/1P	M4 NYLOCK NUT	2
4	BIK3206P-BS54	EMERGENCY STOP BUTTON	1
5	304P	8mm TO 6mm BANJO	4
6	P118	90° ELBOW 6mm	2
7	P112	4 WAY JUNCTION	1
8	301P	8mm TO 6mm REDUCER	1
9	BIK-3209-P-VALVE	PENDANT VALVE	2
10	P087	1/8" TO 6mm PUSHFIT	2
11	TP/HOUS/M	2 STATION MACHINED PENDANT	1
12	BIK-3209-294-B-COVER	COVER FOR BIK VALVES	2
13	XAC-B-LEGEND-UP	UP LEGEND	1
14	XAC-B-LEGEND-DOWN	DOWN LEGEND	1
15	P245	1/8" TO 6mm BULKHEAD AND NUT	4
16	DRG 2652-01	PLATE	1
17	P071/1	1/8" BSP NIPPLE C/W CONE	4
18	112P	M6 x 20 HEX BOLT	2
19	P117	8mm BLANKING PLUG	1
20	139P	M6 NYLOCK NUT	2
21	145P	M6 WASHER	2
22	P016/1	1/8" BSP SWIVEL TO 1/4" HOSE TAIL	4
23	P002/1	1/4" HOSE FURRULE	4