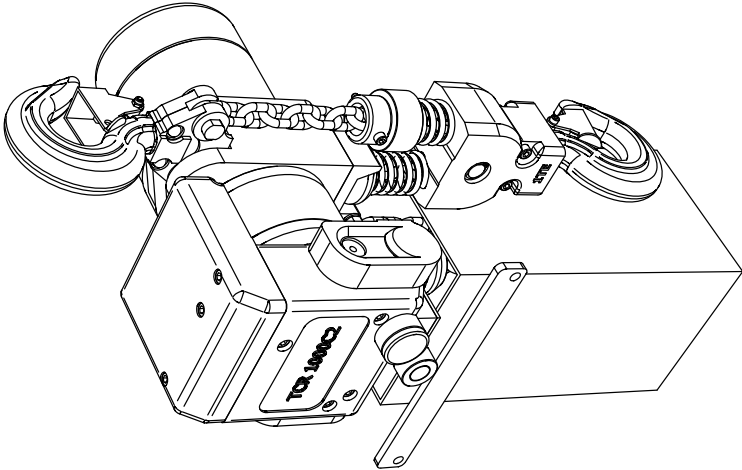
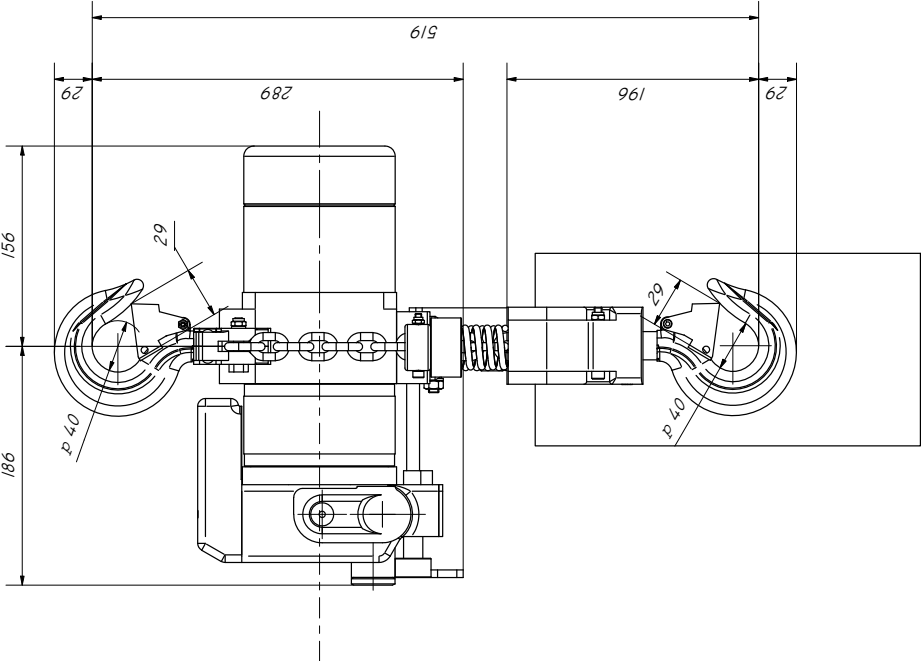
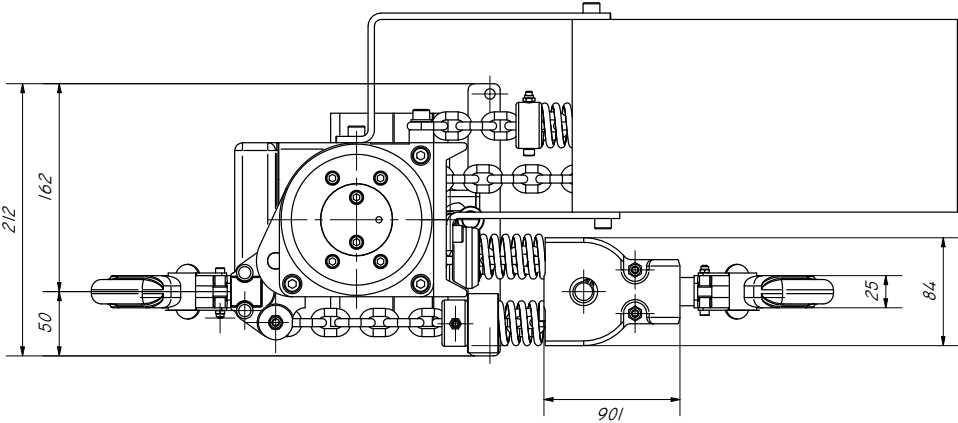


REVISION HISTORY		
REV.	DATE	APPROVED
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SCALE		MATERIAL		TITLE OF PART		GENERAL ASSEMBLY		PART NUMBER	
1:4								DRG 1368D-08	
DESIGNED BY		ADAM MISALLA		DATE		25/01/2018		1 / 1	
DRAWN BY		E. CRICHTON		SIGNATURE				UNLESS OTHERWISE SPECIFIED	
CHECKED BY				DATE		25/01/2018		ALL DIMENSIONS ARE IN MILLIMETERS	
APPROVED BY		B. AITKEN		SIGNATURE				TOLERANCES	
SHEET SIZE		A3		TITLE OF PROJECT		TCR-1000/2		UP TO 3 P.0.5 OVER 3 TO 10 P.0.5 OVER 10 TO 30 P.0.5 OVER 30 TO 100 P.0.5 OVER 100 TO 300 P.0.5 OVER 300 TO 1000 P.0.5 OVER 1000 TO 3000 P.0.5 OVER 3000 TO 10000 P.0.5 OVER 10000 TO 30000 P.0.5 OVER 30000 TO 100000 P.0.5 OVER 100000 TO 300000 P.0.5 OVER 300000 TO 1000000 P.0.5 OVER 1000000 TO 3000000 P.0.5 OVER 3000000 TO 10000000 P.0.5 OVER 10000000 TO 30000000 P.0.5 OVER 30000000 TO 100000000 P.0.5 OVER 100000000 TO 300000000 P.0.5 OVER 300000000 TO 1000000000 P.0.5 OVER 1000000000 TO 3000000000 P.0.5 OVER 3000000000 TO 10000000000 P.0.5 OVER 10000000000 TO 30000000000 P.0.5 OVER 30000000000 TO 100000000000 P.0.5 OVER 100000000000 TO 300000000000 P.0.5 OVER 300000000000 TO 1000000000000 P.0.5 OVER 1000000000000 TO 3000000000000 P.0.5 OVER 3000000000000 TO 10000000000000 P.0.5 OVER 10000000000000 TO 30000000000000 P.0.5 OVER 30000000000000 TO 100000000000000 P.0.5 OVER 100000000000000 TO 300000000000000 P.0.5 OVER 300000000000000 TO 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This diagram is an exploded view of a complex mechanical assembly, likely a pump or engine component. It features numerous numbered callouts (1 through 120C) pointing to specific parts. The assembly includes a central shaft with multiple gears and bearings, a large flywheel or pulley at one end, and a complex housing with various ports and mounting points. The parts are arranged in a way that shows their relative positions and how they fit together. The callouts are organized in a grid-like fashion, with numbers increasing from left to right and top to bottom. The diagram is a technical drawing with clear lines and labels, typical of a service manual or parts catalog.

Hoist Body - TCR-1000/2

Fig. No.	Part Number	Part Name	Parts Per Hoist
035	426224151	ROTOR	1
036	426224161	STATOR	1
037	426224171	FRONT PLATE	1
038	426224184	REAR PLATE	1
039	426224191	REAR RETAINER	1
040	137102120	VANE	8
041	130802235	LIFT SPRING	8
042	130113002	BEARING 6902	1
043	131103004	O-RING S-6	1
044	131103023	O-RING S-29	1
045	130302015	RETAINING RING S-15	1
046	131708075	HEX SOCKET HEAD CAP SCREW M8X75	3
047	131307006	WASHER M6	1
048	130402051	KNOCK PIN	1
049	130104003	BEARING 6002	1
050	426224200	COUPLING	1
051	426224212	WHEEL HOUSING	1
052	426224220	HANGER PIN	1
053	426224230	SPACER	1
054	426261R50	WASHER	1
055	130113015	BEARING 6915	1
056	130104010	BEARING 6009	1
057	131706012	HEX SOCKET HEAD CAP SCREW M6X12	1
059	131708025	hex socket head cap screw m8x25	1
060	426221R50	WASHER	1
061	132108012	HEX SOCKET SET SCREW M8X12	1
070	426224401	BRAKE PISTON	1
071	426224410	BRAKE COVER	1
072	426224421	PISTON COVER	1
073	426224430	BRAKE DISC	1
074	130408081	KEY	2
075	130802213	DISC SPRING	6
076	131103002	O-RING S-4	1
077	131101004	O-RING P-6	1
078	131103055	O-RING S-105	1
079	131706012	HEX SOCKET HEAD CAP SCREW M6X12	2
080	131706040	HEX SOCKET HEAD CAP SCREW M6X40	4
081	131117033	O-RING AS568-033	1
085	426224240	CAGE	1
086	426224250	STAR GEAR	3
087	426224260	PIN	3
088	426224270	THRUST COLLAR	6
089	426224280	RETAINER	3
090	426224290	PINION	1
091	426224300	WHEEL	1
092	426224312	GEAR CASE	1
093	426224322	RING GEAR	1
094	426224330	SPACER (P)	3
095	426221K90	LOCK SCREW	1
096	426224352	CHAIN GUIDE	1
097	426224363	CHAIN SEPARATOR	1

Fig. No.	Part Number	Part Name	Parts Per Hoist
098	426224381	BRAKE TUBE	1
100	130104003	BEARING 6002	2
101	130112808	BEARING 6808	2
102	130170035	NEEDLE BEARING KT-121812	6
103	131117042	O-RING AS568-042	1
104	131103055	O-RING S-105	1
105	130302010	RETAINING RING S-10	3
106	130302045	RETAINING RING S-45	1
107	130302015	RETAINING RING S-15	3
108	130301032	RETAINING RING H-32	2
109	130303005	RETAINING RING E-5	1
110	131706012	HEX SOCKET HEAD CAP SCREW M6X12	4
111	131708016	HEX SOCKET HEAD CAP SCREW M8X16	3
112	131103036	O-RING S-45	1
115	42624457H	UPPER HOOK CP	1
115A	426261S20	UPPER HOOK	1
115B	426221S30	HOOK SAFETY CLAW	1
115C	130802258	HOOK SPRING	1
115D	131705035	HEX SOCKET HEAD CAP SCREW M5X35	1
115E	134501005	U-NUT M5	1
115F	426244571	HOOK END PIECE	1
115G	133206025	RIVET 6X25	2
115H	426244580	HOOK JOINT BOLT	1
115J	131307006	WASHER M6	1
115K	134501006	U-NUT M6	1
116	426244630	FREE LIMIT LOCK	1
116A	130802219	SPRING 30X55X5	2
118	426244620	HOLDER	1
119	426224390	END STOPPER	2
120	426221S2F	HOOK CP	1
120A	426221S20	SWIVEL HOOK	1
120B	426221S30	HOOK SAFETY CLAW	1
120C	130802258	HOOK SPRING	1
120D	131705035	HEX SOCKET HEAD CAP SCREW M5X36	1
120E	134501005	U-NUT M5	1
121	130172006	NEEDLE BEARING (NF-1420)	1
122	131204014	OIL SEAL (OS14203)	2
123	130802219	SPRING 30X55X5	2
124	426224C80	LIMIT WASHER	1
125	130502020	STEEL BALL 5/16	8
126	426244590	HOOK CASE	1
127	420846PY0	SWIVEL HOOK PLUG	1
128	420846PW0	SWIVEL HOOK OUTER RACE	1
129	426244600	WHEEL SHAFT	1
130	426241U20	FREE CHAIN WHEEL	1
131	AHC63/80	LINK CHAIN 6.3	HOL
132	426224450	LIMIT LOCK	1
133	136206002	SHOCK ABSORBER	2
135	131706035	HEX SOCKET HEAD CAP SCREW M6X35	2
136	426224680	END BOLT	2
137	134501006	U-NUT M6	2
138	134501006	U-NUT M6	2
139	130302014	RETAINING RING S-14	2
180	420620JF0	CHAIN DOWN STOPPER	2
181	131705022	HEX SOCKET HEAD CAP SCREW M5X22	2
182	134401005	HEX NUT M5	2
183	131301005	SPRING WASHER M5	2
234	130406005	PARALLEL PIN 4X10(H7)	2



This diagram is an exploded view of a mechanical assembly, showing various components and their relative positions. The components are labeled with numbers in circles, indicating their assembly sequence or identification. The assembly includes a main housing (227), a central cylindrical component (207), and a base (221). Other parts include a motor or actuator (226), a control unit (209), and various internal components like springs (223), seals (212), and fasteners (228, 231). The diagram also shows a series of small components (363, 364, 365, 366) and a set of pins or needles (151, 155, 156, 157). The exploded view illustrates the relationship between these parts, showing how they fit together to form the complete assembly.

Pendant Body - TCR-1000/2

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



This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor. The diagram shows the following parts and their assembly sequence:

- Top Section (Parts 134-226):** Includes a housing (134), a cap (159), and various internal components like a shaft (140), bearings (141, 144), and a motor unit (226).
- Middle Section (Parts 227-366):** Shows the main body (227) with various ports and connections. Key components include a motor unit (226), a pump head (227), and various internal parts like a shaft (228), bearings (229, 230), and a motor unit (226).
- Bottom Section (Parts 367-366):** Includes a base (367) and various mounting brackets (364, 365, 366).

The diagram uses numbered callouts to identify each part, allowing for easy identification and assembly.

Built-In Mains Emergency Stop Valve Pendant Body - TCR-1000/2

Fig. No.	Part Number	Part Name	Parts Per Hoist
067	426224110	CHAIN LEVER	1
068	426224120	ROLLER SHAFT	1
069	426224130	LIMIT ROLLER	1
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

[illegible]

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	426224461	LIMIT SHAFT	1
141	130802217	SPRING 19.5X25X2.6	2
142	426224472	UNDER COVER	1
143	426225540	CORD LEVER	1
144	130802081	S-TYPE WIRE	2
145	138001015	CHANGE CORD (HOL)	2
149	426224C30	MAIN BUSHING	1
150	131706018	HEX SOCKET HEAD CAP SCREW M6X18	1
151	132805010	HEX FLAT HEAD MACHINE SCREW M5X10	4
152	130302010	RETAINING RING S-10	1
156	130790012	SNAP PIN 12	1
157	426325750	WASHER	1
159	134703060	INLET BUSHING	1
190	136602625	GRIP (W)	1
191	136602626	GRIP (R)	1
192	136602627	HANDLE	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

Fig. No.	Part Number	Part Name	Parts Per Hoist
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	3
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
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

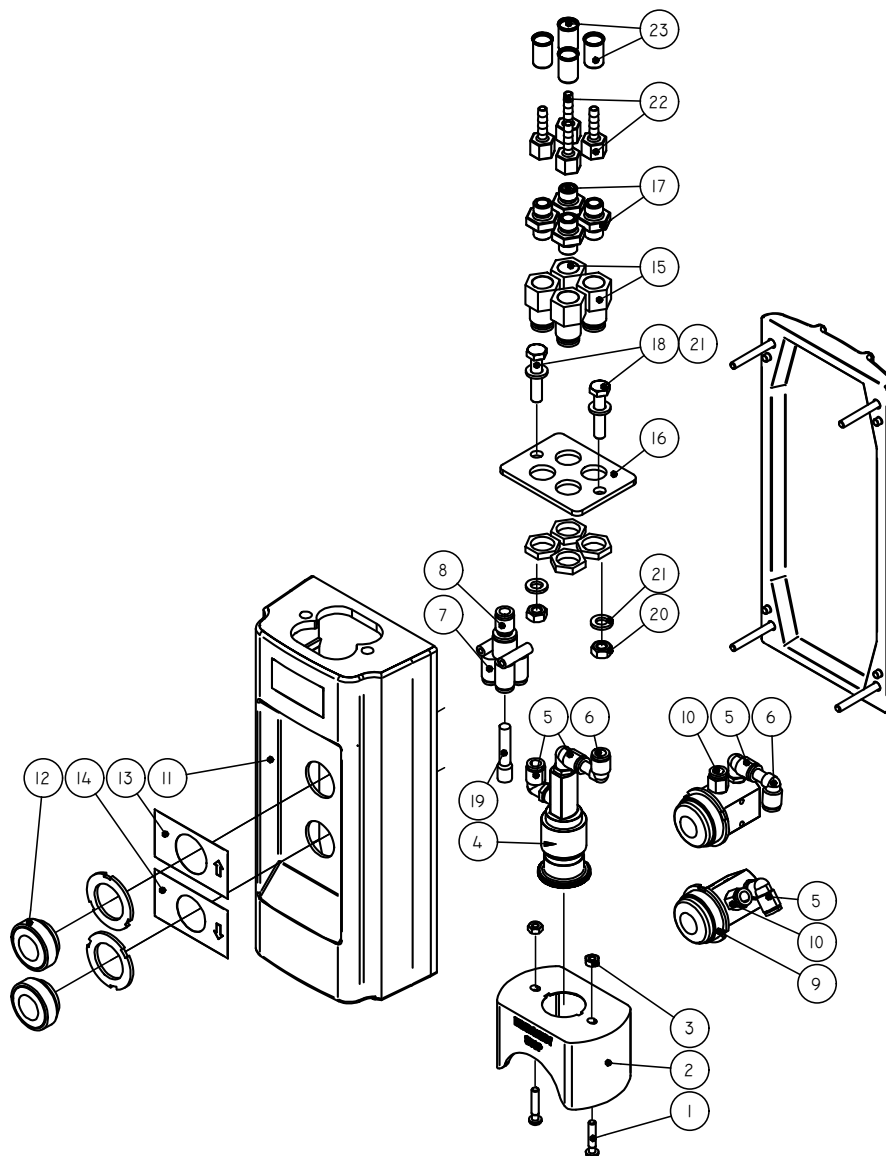


This exploded view diagram illustrates the assembly of the M1070 pump. The components are labeled with callouts as follows:

- 1, 3:** Top handle assembly components.
- 4A, 4B, 4:** Trigger gun components.
- 2A, 2B, 2C, 2D, 2E:** Motor and battery components.
- 2F, 2G, 2H, 2I, 2J, 2K, 2L, 2M, 2N:** Various internal mechanical parts, including gears, bearings, and structural components.
- 2O, 2P, 2Q, 2R, 2S, 2T, 2U, 2V, 2W, 2X, 2Y, 2Z, 2AA, 2AB, 2AC, 2AD, 2AE, 2AF, 2AG, 2AH, 2AM, 2AN, 2AP, 2AQ:** Additional internal components, including seals, O-rings, and specialized parts.

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